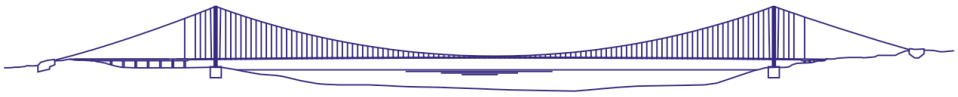
Stretto di Messina

Concessionaria per la progettazione, realizzazione e gestione del collegamento stabile tra la Sicilia e il Continente Organismo di Diritto Pubblico
(Legge n° 1158 del 17 dicembre 1971, modificata dal D.Lgs. n°114 del 24 aprile 2003)

EurolinK

PONTE SULLO STRETTO DI MESSINA



PROGETTO DEFINITIVO

EUROLINK S.C.p.A.
IMPREGILO S.p.A. (MANDATARIA)
SOCIETÀ ITALIANA PER CONDOTTE D'ACQUA S.p.A. (MANDANTE)
COOPERATIVA MURATORI E CEMENTISTI - C.M.C. DI RAVENNA SOC. COOP. A.R.L. (MANDANTE)
SACYR S.A.U. (MANDANTE)
ISHIKAWAJIMA - HARIMA HEAVY INDUSTRIES CO. LTD (MANDANTE)
A.C.I. S.C.P.A. - CONSORZIO STABILE (MANDANTE)

IL PROGETTISTA	IL CONTRAENTE GENERALE	STRETTO DI MESSINA	STRETTO DI MESSINA
SINA Dott. Ing. F. Colla Ordine Ingegneri Milano n° 20355 Dott. Ing. E. Pagani Ordine Ingegneri Milano n° 15408 EurolinK	Project Manager (Ing. P.P. Marcheselli)	Direttore Generale e RUP Validazione (Ing. G. Fiammenghi)	Amministratore Delegato (Dott. P. Ciucci)

Unità Funzionale	COLLEGAMENTI CALABRIA	CS0520_F0
Tipo di sistema	INFRASTRUTTURE STRADALI OPERE CIVILI	
Raggruppamento di opere/attività	ELEMENTI DI CARATTERE GENERALE	
Opera - tratto d'opera - parte d'opera	GENERALE	
Titolo del documento	ADEGUAMENTO TOMBINO PK 1+442 (ASSE C) – RELAZIONE DI CALCOLO	

CODICE C G 0 7 0 0 P C L D C S C 0 0 G 0 0 0 0 0 0 0 0 0 1 F 0

REV	DATA	DESCRIZIONE	REDATTO	VERIFICATO	APPROVATO
F0	20/06/2011	EMISSIONE FINALE	PRO ITER S.r.l.	G.SCIUTO	F.COLLA

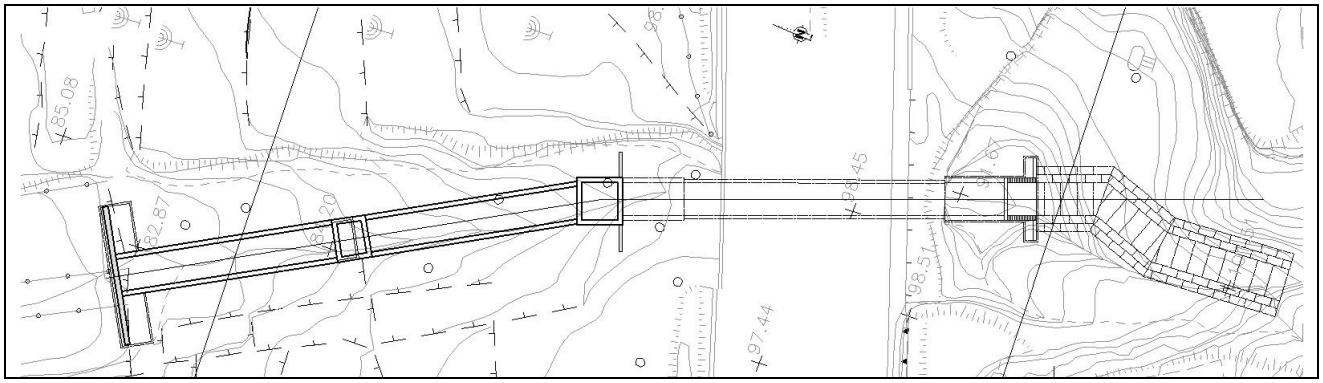
NOME DEL FILE: CS0520_F0.doc

revisione interna: 1

INDICE

PREMESSA

Il presente documento riporta la descrizione tecnico-funzionale dell'opera "*Adeguamento tombino pk 1+442.84 (Asse C)*", opera inquadrata nel Progetto Definitivo del Ponte sullo Stretto di Messina per l'adeguamento dell'autostrada esistente A3 "Salerno-Reggio Calabria".



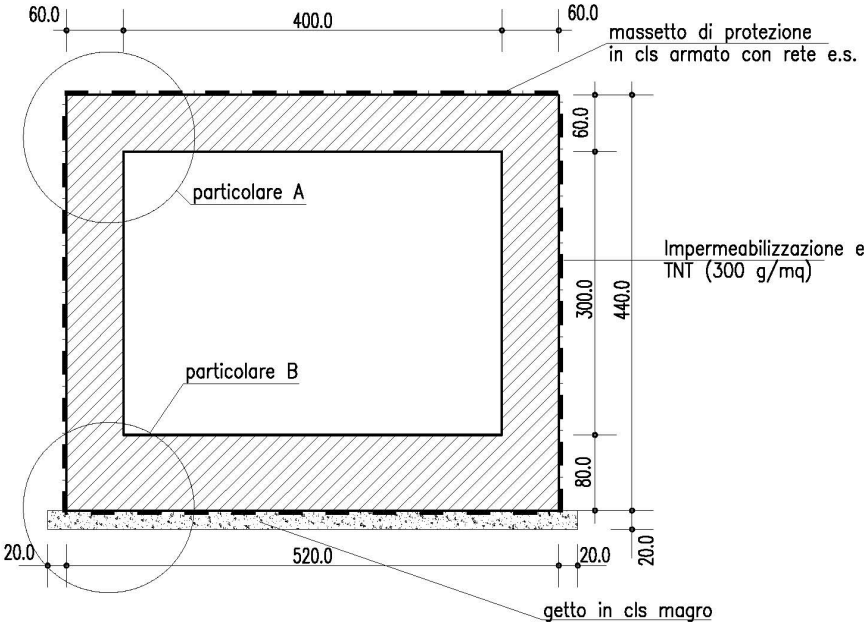
Stralcio planimetrico dell'opera

Si riassumono brevemente le principali caratteristiche geometriche dello scatolare:

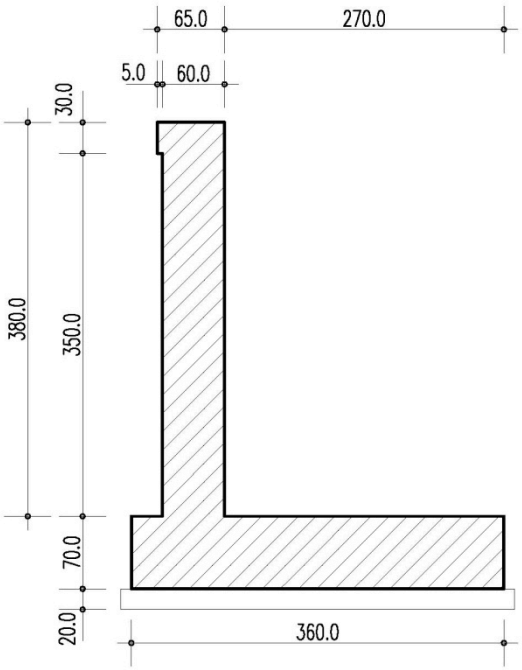
Larghezza interna	4.00 m
Altezza interna	3.00 m
Spessore soletta	0.60 m
Spessore controsoletta	0.80 m
Spessore piedritti	0.60 m
Spessore del ricoprimento (di calcolo)	6.00 m

A valle dell'opera vi è un muro di sostegno con altezza pari a 4.00 m, ciabatta di fondazione di lunghezza pari a 3.60 m con un dente anteriore pari a 0.30 m. Lo spessore dell'elevazione è pari a 0.60 m mentre quello della fondazione è pari a 0.70 m.

Nelle illustrazioni seguenti si riportano le sezioni trasversali:



Sezione trasversale scatolare



Sezione trasversale muro

Per ulteriori dettagli si rimanda agli elaborati grafici di progetto.

1 RIFERIMENTI NORMATIVI

I calcoli sviluppati nel seguito sono stati svolti nello spirito del metodo *"degli Stati Limite"* e nel rispetto della normativa vigente; in particolare si sono osservate le prescrizioni contenute nelle "Norme tecniche per le Costruzioni" (D.M. del 14/01/2008) e nelle relative istruzioni (Circ.Min. C.S.LL.PP. n.617 del 2/02/2009).

- **Ministero dei LL.PP. - D.M. 14/01/2008:** "Norme tecniche per le Costruzioni";
- **Consiglio Superiore LL.PP. - Circ.Min. n.617 del 2/02/2009:** Istruzioni per l'applicazione delle "Nuove norme tecniche per le costruzioni" di cui al decreto ministeriale 14 gennaio 2008.
- **Legge n.1086 del 5/11/1971:** "Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica";
- **Legge n.64 del 0/02/1974:** "Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche";
- **C.N.R. 10012**: "Istruzioni per la valutazione delle azioni sulle costruzioni";
- **C.N.R. 10024**: "Analisi di strutture mediante elaboratore. Impostazione e redazione delle relazioni di calcolo".

Tutte le Norme UNI richiamate nei D.M., Istruzioni, Circolari di cui si fa menzione.

2 RIFERIMENTI BIBLIOGRAFICI

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  Masson Italia Editori - 1985
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  McGraw-Hill, New York - 1988
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  Estimation of overall settlement of piled rafts
  Soils and Foundations Vol.39 n° 2 pp.59-68 - 1999
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  McGraw-Hill, Milano - 2002
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  1993
- Terzaghi K.
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  J.Wiley & Sons, New York - 1943
- Cestelli Guidi C.
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  Ulrico Hoepli Editore - 1987
- Puller M.
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  Thomas Telford ed. - 1996

3 PROGRAMMI PER L'ANALISI AUTOMATICA

- **SAP2000 Advanced Rel. 14.0.2 – Structural Analysis Program**
  Computers and Structures, Inc. – Berkeley CA, USA
  Programma di calcolo ad elementi finiti monodimensionali, bidimensionali e tridimensionali;
- **STS Stati Limite Rel. 1.1**
  Distribuito dall'ing. Dante Sangalli
  Programma di calcolo per la verifica alle Tensioni Ammissibili ed agli Stati Limite di sezioni in c.a. e c.a.p.;
- **Spettri di risposta ver. 1.0.3**
  Distribuito dal Consiglio Superiore LL.PP.
  Foglio di calcolo per la definizione dei parametri sismici secondo la trattazione del D.M. 14/01/2008 "Norme tecniche per le Costruzioni".
- **Paratie Plus 2010 ver. 8.0.9.38**
  Prodotto da Ce.A.S., Deep Excavation - Distribuito da Harpaceas s.r.l.
  Programma di calcolo per l'analisi di paratie flessibili pluritirantate ad elementi finiti in campo non lineare.
- **SLIDE release 5.0**
  Prodotto da Rocscience Inc.
  Programma per l'analisi di stabilità di pendii.

4 CARATTERISTICHE DEI MATERIALI

4.1 CALCESTRUZZO PER MANUFATTI IDRAULICI

Classe di resistenza	C32/40	-
Rapporto massimo acqua / cemento	0.50	-
Slump	S4	-
Diametro massimo inerte	32	mm
Classe di esposizione	XC4	-

Caratteristiche del calcestruzzo:

Resistenza caratt. a compressione cubica	R_{ck}	=	-	=	40	N/mm^2
Resistenza caratt. a compressione cilindr.	f_{ck}	=	-	=	32	N/mm^2
Resistenza media a compressione cilindr.	f_{cm}	=	$f_{ck}+8$	=	41.20	N/mm^2
Modulo elastico	E_c	=	$22000\ (f_{cm}/10)^{0.3}$	=	33643	N/mm^2
Resistenza a trazione semplice	f_{ctm}	=	$0.3\ f_{ck}^{2/3}$	=	3.10	N/mm^2
Resistenza a trazione caratt. (frattile 5%)	f_{ctk}	=	$0.7\ f_{ctm}$	=	2.17	N/mm^2

Resistenze di calcolo a SLU:

Coeff. parziale di sicurezza	γ_c	=	-	=	1.50	-
Coeff. riduttivo per resist. di lunga durata	α_{cc}	=	-	=	0.85	-
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc}\ f_{ck}/\gamma_c$	=	18.81	N/mm^2
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk}/γ_c	=	1.45	N/mm^2

Resistenze di calcolo a SLE:

Massima compressione (Comb. Rara)	γ_c	=	$0.60\ f_{ck}$	=	19.92	N/mm^2
Massima compressione (Comb. Q.P.)	γ_c	=	$0.45\ f_{ck}$	=	14.94	N/mm^2

4.2 CALCESTRUZZO PER FONDAZIONI OPERE D'IMBOCCO (GETTI IN OPERA)

Classe di resistenza	C25/30	-
Rapporto massimo acqua / cemento	0.50	-
Slump	S4	-
Diametro massimo inerte	32	mm
Classe di esposizione	XC2	-

Caratteristiche del calcestruzzo:

Resistenza caratt. a compressione cubica	R_{ck}	=	-	=	30	N/mm^2
Resistenza caratt. a compressione cilindr.	f_{ck}	=	-	=	25	N/mm^2
Resistenza media a compressione cilindr.	f_{cm}	=	$f_{ck}+8$	=	32.90	N/mm^2
Modulo elastico	E_c	=	$22000\ (f_{cm}/10)^{0.3}$	=	31447	N/mm^2
Resistenza a trazione semplice	f_{ctm}	=	$0.3\ f_{ck}^{2/3}$	=	2.56	N/mm^2
Resistenza a trazione caratt. (frattile 5%)	f_{ctk}	=	$0.7\ f_{ctm}$	=	1.79	N/mm^2

Resistenze di calcolo a SLU:

Coeff. parziale di sicurezza	γ_c	=	-	=	1.50	-
Coeff. riduttivo per resist. di lunga durata	α_{cc}	=	-	=	0.85	-
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc}\ f_{ck}/\gamma_c$	=	14.11	N/mm^2
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk}/γ_c	=	1.19	N/mm^2

Resistenze di calcolo a SLE:

Massima compressione (Comb. Rara)	γ_c	=	$0.60\ f_{ck}$	=	14.94	N/mm^2
Massima compressione (Comb. Q.P.)	γ_c	=	$0.45\ f_{ck}$	=	11.21	N/mm^2

4.3 CALCESTRUZZO PER ELEVAZIONI OPERE D'IMBOCCO (GETTI IN OPERA)

Classe di resistenza	C32/40	-
Rapporto massimo acqua / cemento	0.50	-
Slump	S4	-
Diametro massimo inerte	32	mm
Classe di esposizione	XC4-XS1-XF2	-

Caratteristiche del calcestruzzo:

Resistenza caratt. a compressione cubica	R_{ck}	=	-	=	40	N/mm^2
Resistenza caratt. a compressione cilindr.	f_{ck}	=	-	=	32	N/mm^2
Resistenza media a compressione cilindr.	f_{cm}	=	$f_{ck}+8$	=	41.20	N/mm^2
Modulo elastico	E_c	=	$22000\ (f_{cm}/10)^{0.3}$	=	33643	N/mm^2
Resistenza a trazione semplice	f_{ctm}	=	$0.3\ f_{ck}^{2/3}$	=	3.10	N/mm^2
Resistenza a trazione caratt. (frattile 5%)	f_{ctk}	=	$0.7\ f_{ctm}$	=	2.17	N/mm^2

Resistenze di calcolo a SLU:

Coeff. parziale di sicurezza	γ_c	=	-	=	1.50	-
Coeff. riduttivo per resist. di lunga durata	α_{cc}	=	-	=	0.85	-
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc}\ f_{ck}/\gamma_c$	=	18.81	N/mm^2
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk}/γ_c	=	1.45	N/mm^2

Resistenze di calcolo a SLE:

Massima compressione (Comb. Rara)	γ_c	=	$0.60\ f_{ck}$	=	19.92	N/mm^2
Massima compressione (Comb. Q.P.)	γ_c	=	$0.45\ f_{ck}$	=	14.94	N/mm^2

4.4 MISCELA CEMENTIZIA PER MICROPALI

Classe di resistenza	C25/30	-
Rapporto massimo acqua / cemento	0.50	-
Contenuto minimo di cemento	300	kg/m^3
Diametro massimo inerte	32	mm
Classe di esposizione	XC2	-

Caratteristiche del calcestruzzo:

Resistenza caratt. a compressione cubica	R_{ck}	=	-	=	30	N/mm^2
Resistenza caratt. a compressione cilindr.	f_{ck}	=	-	=	25	N/mm^2
Resistenza media a compressione cilindr.	f_{cm}	=	$f_{ck}+8$	=	32.90	N/mm^2
Modulo elastico	E_c	=	$22000\ (f_{cm}/10)^{0.3}$	=	31447	N/mm^2
Resistenza a trazione semplice	f_{ctm}	=	$0.3\ f_{ck}^{2/3}$	=	2.56	N/mm^2
Resistenza a trazione caratt. (frattile 5%)	f_{ctk}	=	$0.7\ f_{ctm}$	=	1.79	N/mm^2

Resistenze di calcolo a SLU:

Coeff. parziale di sicurezza	γ_c	=	-	=	1.50	-
Coeff. riduttivo per resist. di lunga durata	α_{cc}	=	-	=	0.85	-
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc}\ f_{ck}/\gamma_c$	=	14.11	N/mm^2
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk}/γ_c	=	1.19	N/mm^2

Resistenze di calcolo a SLE:

Massima compressione (Comb. Rara)	γ_c	=	$0.60\ f_{ck}$	=	14.94	N/mm^2
Massima compressione (Comb. Q.P.)	γ_c	=	$0.45\ f_{ck}$	=	11.21	N/mm^2

4.5 ACCIAIO PER CEMENTO ARMATO

Tipo di acciaio	B450C	-
Copriferro min. per manufatti idraulici	40	mm
Copriferro min. per fondazioni imbocchi	40	mm
Copriferro min. per elevazioni imbocchi	45	mm
Sovrapposizioni continue	50	¤

Caratteristiche dell'acciaio:

Tensione caratt. di rottura (fratt. 5%)	f_{tk}	=	-	=	540.00	N/mm^2
Tensione caratt. di snervamento (fratt. 5%)	f_{yk}	=	-	=	450.00	N/mm^2

Resistenze di calcolo a SLU:

Coeff. parziale di sicurezza	¤$_s$	=	-	=	1.15	-
Resistenza a trazione di calcolo	f_{yd}	=	f_{yk}/¤$_s$	=	391.30	N/mm^2

Resistenze di calcolo a SLE:

Tensione massima di trazione	¤$_s$	<	0.80 f_{yk}	=	360.00	N/mm^2

4.6 ACCIAIO DA CARPENTERIA METALLICA PER MICROPALI

Tipo di acciaio	S355J0	(ex 510 C)

Caratteristiche dell'acciaio:

Modulo elastico	E	=	-	=	210000	N/mm^2
Tensione caratt. di rottura (t¤40mm)	f_{tk}	=	-	=	510.00	N/mm^2
Tensione caratt. di snervamento (t¤40mm)	f_{yk}	=	-	=	355.00	N/mm^2

Resistenze di calcolo a SLU:

Coeff. parziale di sicurezza	¤$_s$	=	-	=	1.05	-
Resistenza di calcolo	f_{yd}	=	f_{yk}/¤$_s$	=	338.10	N/mm^2

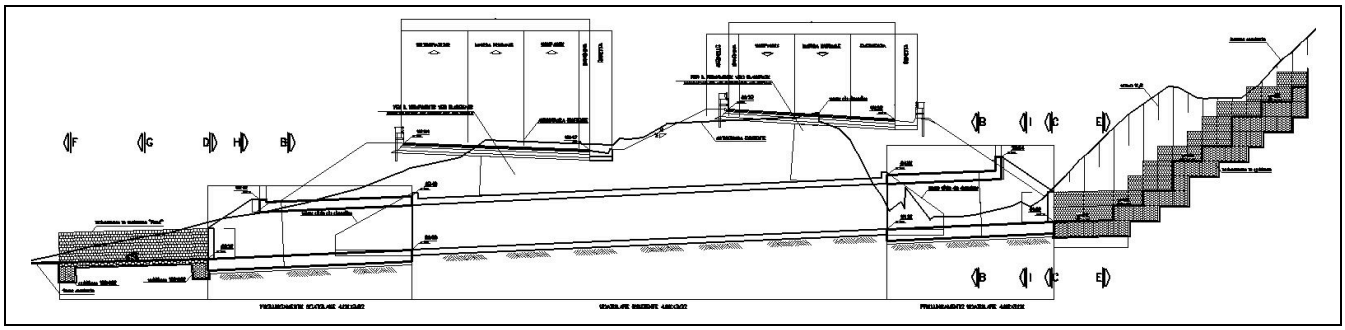
4.7 ACCIAIO DA CARPENTERIA METALLICA PER CONTRASTI

Tipo di acciaio	S275J0 (ex 430 C)					
Caratteristiche dell'acciaio:						
Modulo elastico	E	=	-	=	210000	N/mm^2
Tensione caratt. di rottura (t¤40mm)	f_{tk}	=	-	=	430.00	N/mm^2
Tensione caratt. di snervamento (t¤40mm)	f_{yk}	=	-	=	275.00	N/mm^2
Resistenze di calcolo a SLU:						
Coeff. parziale di sicurezza	¤$_s$	=	-	=	1.05	-
Resistenza di calcolo	f_{yd}	=	f_{yk}/¤$_s$	=	261.90	N/mm^2

5 DESCRIZIONE DELLA STRUTTURA E DEL LUOGO

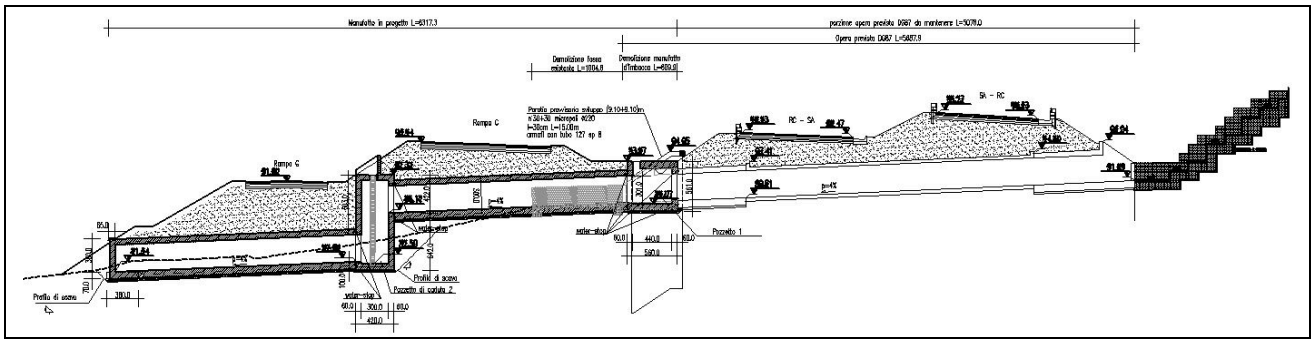
L'opera in progetto consiste nell'adeguamento di un esistente tombino idraulico scatolare 400□300cm dell'autostrada A3 Salerno-Reggio Calabria: negli elaborati grafici il prolungamento (a valle) viene indicato con la progressiva dell'asse Rampa C in progetto (km 1+442.84).

Lo stato di fatto si compone di un unico tombino scatolare 400□300cm in c.a. gettato in opera che sottopassa le carreggiate dell'Autostrada A3 e modellato alle estremità per consentire a monte la continuità con i gabbioni e a valle la continuità con il fosso rivestito con materassi tipo "Reno".



Profilo - Stato di fatto

A seguito delle nuove opere previste nel Progetto Definitivo del Ponte sullo Stretto di Messina sarà necessario adeguare lo stato di fatto, prolungando l'opera a valle.
I nuovi tratti di tombino, necessari per garantire la continuità idraulica a seguito della realizzazione delle nuove Rampe in progetto, sono stati progettati per risultare il più possibile omogenei con l'esistente: in particolare è stata mantenuta sia la tipologia (elementi scatolari di dimensioni interne 400×300cm gettati in opera in c.a.) che la pendenza longitudinale dell'esistente (circa 4%).
Il pozzetto di caduta (realizzato in c.a. gettato in opera) è stato progettato per compensare i dislivelli tra i vari tratti del tombino e consentire l'accesso per l'ispezione periodica dell'opera.



Profilo - Nuove opere in progetto

5.1 CARATTERISTICHE GEOMETRICHE E UBICAZIONE DELLA STRUTTURA

A monte della carreggiata autostradale esistente (direzione Salerno) non sono previsti interventi.

A valle della carreggiata autostradale esistente (direzione Reggio Calabria), a seguito della realizzazione della Rampa C sono previsti i seguenti interventi:

- Demolizione della parte terminale del tombino esistente e del fosso rivestito;
- Realizzazione di un pozzetto in c.a. gettato in opera di dimensioni interne in pianta 440□460cm, ubicato tra la carreggiata esistente dell'Autostrada A3 (direzione Reggio Calabria) e la carreggiata della Rampa C in progetto;
- Realizzazione del prolungamento del tombino scatolare per garantire la continuità idraulica sotto il rilevato della Rampa C: il tombino viene realizzato in c.a. gettato in opera con dimensioni interne nette 400□300cm, pendenza longitudinale del 4% e sviluppo totale pari a circa 2.60m;
- Realizzazione di un pozzetto di caduta in c.a. gettato in opera di dimensioni interne in pianta 300□400cm, ubicato tra le carreggiate delle Rampe C-G;
- Realizzazione di un nuovo tratto di tombino scatolare per garantire la continuità idraulica tra il pozzetto di caduta ed il nuovo sbocco: il tombino viene realizzato in c.a. gettato in opera con dimensioni interne nette 400□300cm, pendenza longitudinale del 4% e sviluppo totale pari a circa 2.75m;
- Realizzazione di un muro in c.a. gettato in opera per il sostegno del rilevato della Rampa G (ai lati del tombino scatolare): la sezione trasversale del muro si compone di un'elevazione di dimensioni 380□60cm e di una ciabatta di fondazione di dimensioni 360□70cm; lo sviluppo totale in pianta è pari a 6.00m + 6.00m. Il rilevato gravante sul tombino verrà sostenuto allo sbocco da un cordolo direttamente connesso alla soletta del tombino stesso (solidarizzato in fase di getto).

Per procedere all'esecuzione delle opere descritte sarà necessario realizzare in fregio alla parte esistente da demolire una paratia provvisoria in micropali, per garantire il sostegno del rilevato dell'Autostrada esistente. In pianta la paratia presenta una forma "a C" ed uno sviluppo complessivo pari a 19.30m: si compone di 30+30 micropali □220mm (interasse=30cm, lunghezza=15m) solidarizzati in testa da un cordolo in c.a. gettato in opera.

Per garantire un'adeguata rigidezza e mantenere contenuti gli spostamenti orizzontali, la paratia verrà sostenuta da 3 ordini di contrasti: per evitare le interferenze con il rilevato autostradale

esistente si è scelto di non ricorrere ai tiranti ma di utilizzare delle travi di contrasto a valle (realizzate con profili commerciali in acciaio).

5.2 CARATTERIZZAZIONE GEOTECNICA

Per i criteri e per gli aspetti generali di caratterizzazione si rimanda a quanto riportato nella relazione Elab. CG0800PRBDCSBC8G000000001. Per la definizione delle categorie di suolo si rimanda al medesimo elaborato ed alla relazione sismica di riferimento.

Descrizione delle litologie prevalenti

Le litologie prevalenti sono costituite dalle formazioni dei Depositi di versante.

Depositi di versante: sono depositi detritici olocenici alimentati da processi di degradazione e trasporto dovuto sia alle acque di dilavamento che alla gravità ed accumulati, in genere, alla base dei versanti. Affiora come un deposito di sabbie di colore rossastro da medie a grossolane, solo subordinatamente fini, con rare intercalazioni di livelli di ghiaiosi o limosi.

Depositi terrazzati marini: sono rappresentati da depositi marini sabbiosi e sabbioso ghiaiosi fortemente pedogenizzati in prossimità della superficie. I depositi dei terrazzi marini rappresentano terre da sciolte a debolmente coesive con cementazione da debole ad assente.

L'età attribuibile ai terrazzi cartografati nell'area di intervento copre l'intervallo Pleistocene medio-superiore.

Le plutoniti costituite da rocce cristalline graniotoidi nel settore centro-meridionale sono, costituite da leucogranodioriti a due miche e graniti-monzograniti.

All'interno dei graniti è stato localmente riscontrato un sensibile grado di alterazione idrotermale che conferisce alla roccia un aspetto brecciato, a luoghi con colorazione biancastra e farinosa al tatto. Le evidenze di affioramento e di sondaggio consentono di ritenere determinante, ai fini della caratterizzazione geomeccanica dell'ammasso roccioso, la presenza di una fratturazione, a luoghi molto intensa legata alla coesistenza di più sistemi di discontinuità che, tuttavia, non conferiscono all'ammasso una spiccata anisotropia.

La falda non risulta interferente con le opere.

Localmente non ci sono indagini che indagano nei primi 30m di profondità per la caratterizzazione sismica del suolo. Si può porre una categoria di suolo pari a cat. **C**.

Indagini previste

Data l'esiguità dei sondaggi e delle prove localmente presenti (C427, C433), si è scelto di tenere conto anche di altri sondaggi e prove disponibili.

Le prove localmente utilizzate nella caratterizzazione sono:

Depositi di versante

Si considerano i sondaggi della caratterizzazione generale.

- prove SPT (C406,C407,C423BIS,C424,C421,C425,C433,C424)
- 2 prove sismiche (SG11,C423BIS)
- Prove di laboratorio per la determinazione dei parametri fisici

Depositi terrazzati marini

Si considerano i sondaggi della tratta relativa alla Rampa A_acc.

- prove SPT (C428, C429, C430, C432, C434)
- 1 prova sismica (C430)
- 3 prove Le Franc (CN451, C425, C430)
- Prove di laboratorio per la determinazione dei parametri fisici ed elle caratteristiche di resistenza (TD, sondaggio C410, CN451)

Plutoniti

Si considerano i sondaggi della caratterizzazione generale.

- 15 rilievi geostrutturali
- 3 prove sismiche (SG11, SG11bis, CN451)
- 12 prove pressiometriche e dilatometriche

Depositi di versante

Per le caratteristiche fisiche l'andamento del fuso conferma che le caratteristiche granulometriche dei materiali in esame sono tipiche di materiali sia di materiali a grana grossa (ghiaie 12%), sia di materiali intermedi (sabbie 60%). Il contenuto di fino è mediamente del 22%.

Con riferimento al fuso medio si ha:

- Il valore di $\mathbf{D_{50}}$ è pari a 0.25mm
- Il valore di $\mathbf{D_{60}}$ è pari a 0.4 mm
- Il valore di $\mathbf{D_{10}}$ è pari a 0.005 mm

Il peso di volume dei grani γ_s è risultato pari a circa 26 kN/m3;

Per lo stato iniziale dalle elaborazioni risulta che:

- **Dr:** la densità relativa media della sola componente sabbiosa è del 40-70%. I valori di Nspt sono stati corretti con un fattore Csg=0.95.
- γ_d **:** si può stimare un valore medio di γ_d pari a circa 19 -21 KN/m^3

Per i parametri di resistenza al taglio in termini di sforzi efficaci sulla base delle prove SPT si è

ottenuto un valore medio di angolo di attrito di 38°; ai parametri di resistenza operativi al taglio in termini di sforzi efficaci si sono assegnati i seguenti valori operativi:

c_p' = 0 kPa = coesione apparente

$\square_p'$ = 36□38° =angolo di resistenza al taglio

Per i valori di stato critico, in assenza di prove specifiche, in base ai dati di letteratura si possono definire i seguenti valori operativi

c_r' = 0 kPa = coesione apparente

$\square_r'$ = 33°-35° =angolo di resistenza al taglio

Per le <u>caratteristiche di deformabilità</u> dalle prove sismiche in foro si ottengono valori di Vs che mostrano una tendenza all'aumento con la profondità con valori che arrivano a 200 m/s fino a 10m di profondità.

Ai valori delle velocità di taglio Vs corrispondono moduli di taglio iniziali G_0 che mostrano un andamento crescente con la profondità, da 80MPa a 160MPa a 10m di profondità.

Da prove SPT invece valori di G_0 variano da 30 a 130MPa nei primi 10m.

Per G ed $_0E_0$ una stima è data quindi da:

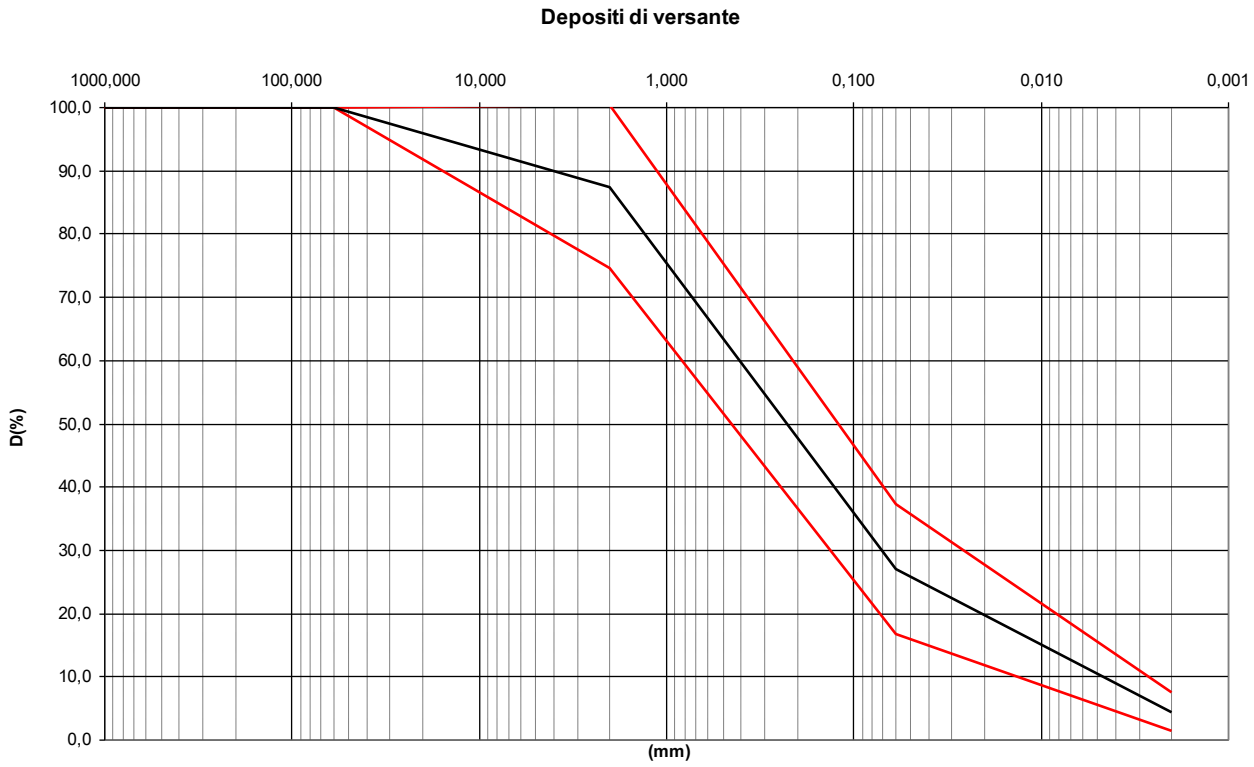
$$G_0 \quad 20 \quad z^{0.85}$$

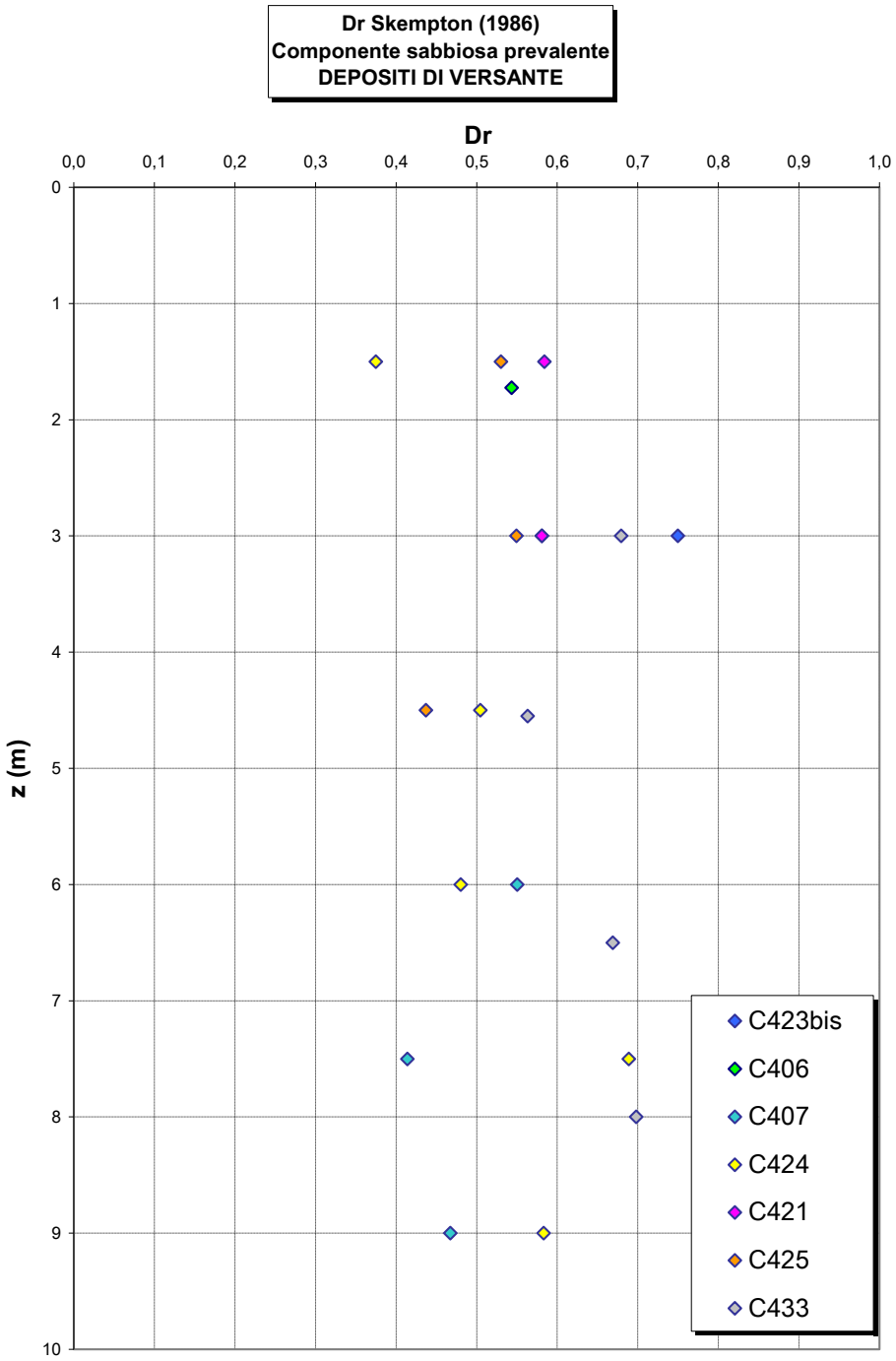
$$E_0 \quad 48 \quad z^{0.85}$$

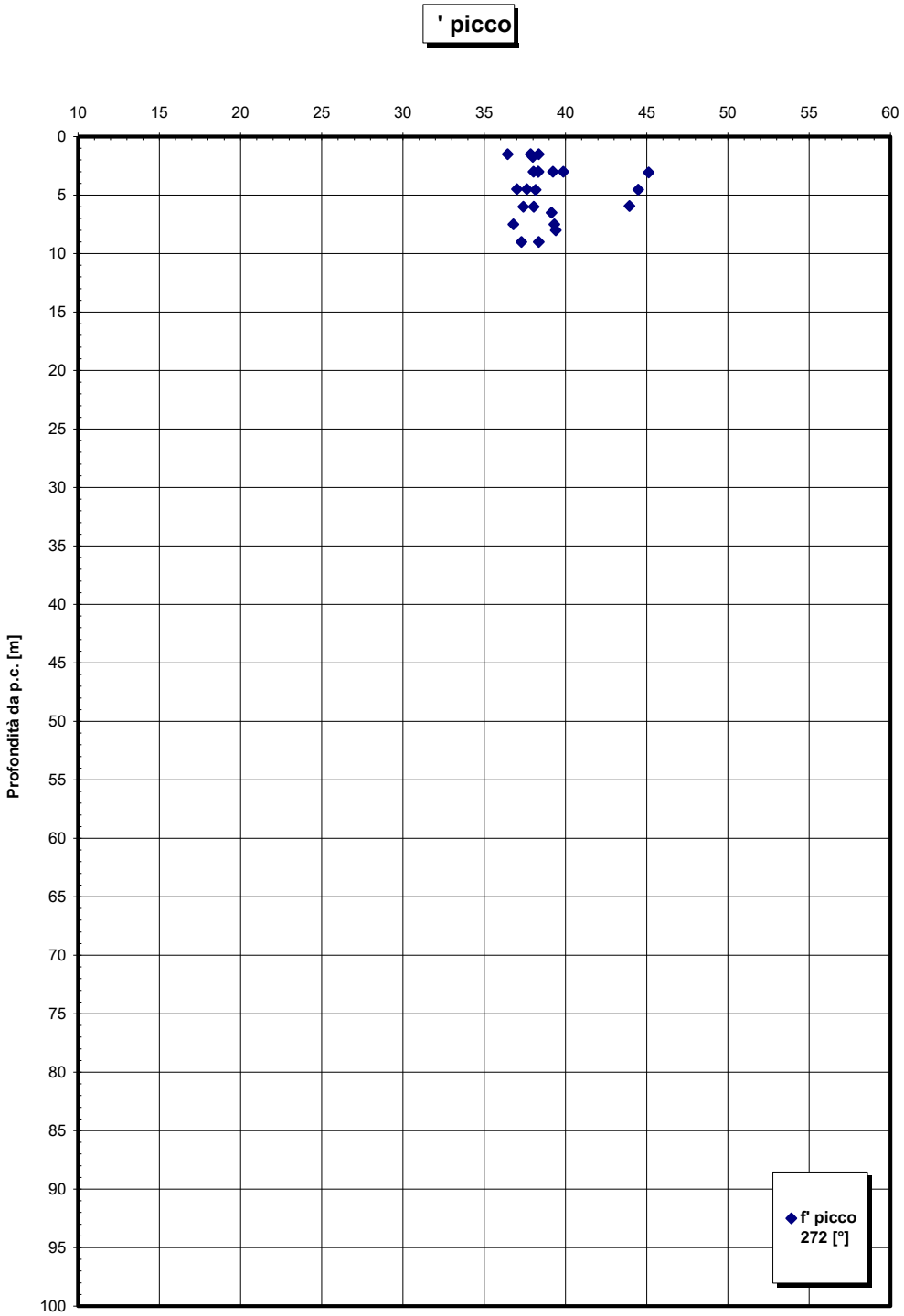
I moduli di Young "operativi" a medie deformazioni, valutati sulla base dei criteri descritti nei capitoli precedenti risulteranno pari a:

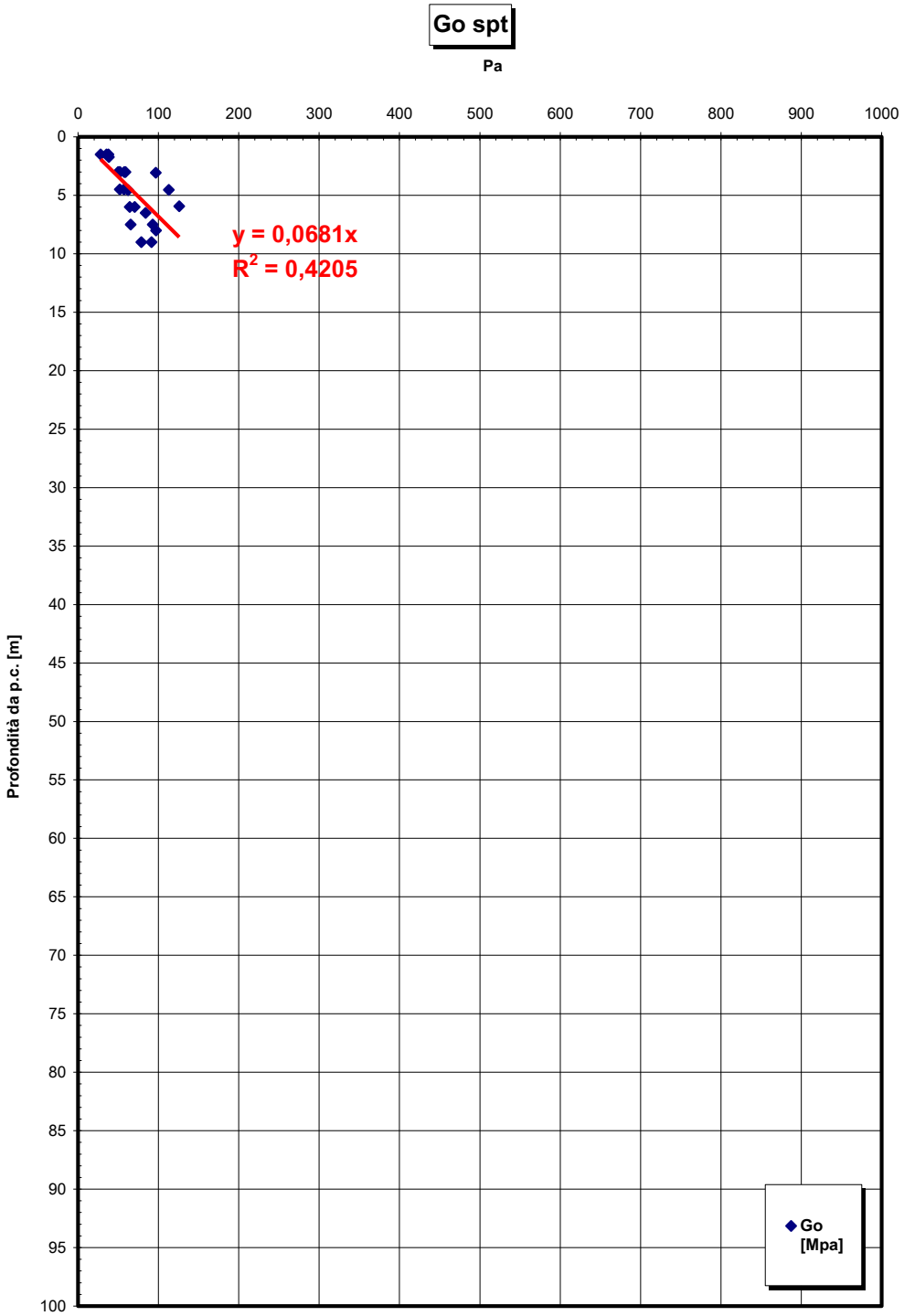
$$E \quad (6 \quad 16) \quad z^{0.85}$$

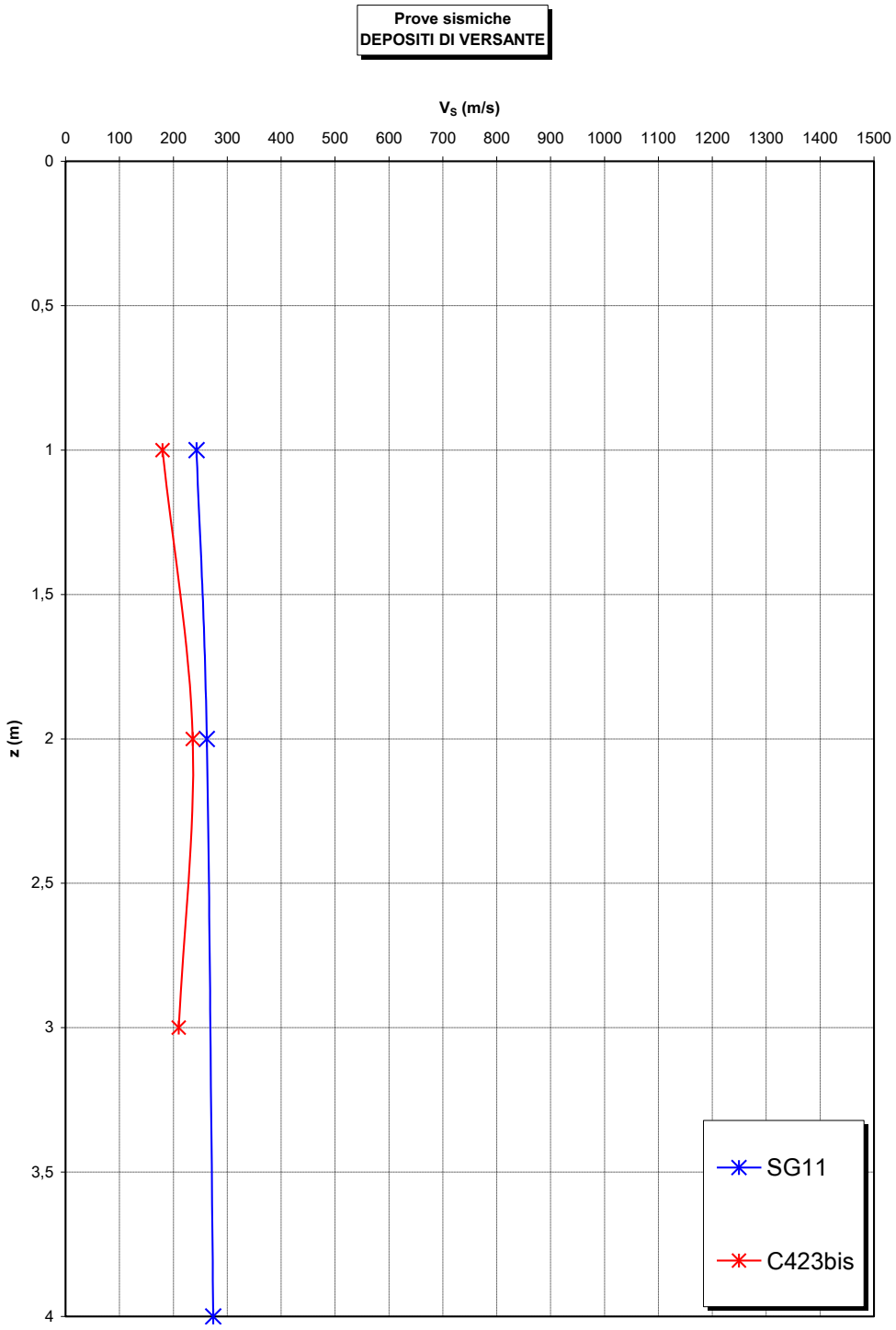
pari rispettivamente a circa 1/5÷1/10 (medie e grandi deformazioni) ed 1/3 (piccole deformazioni) di quelli iniziali .

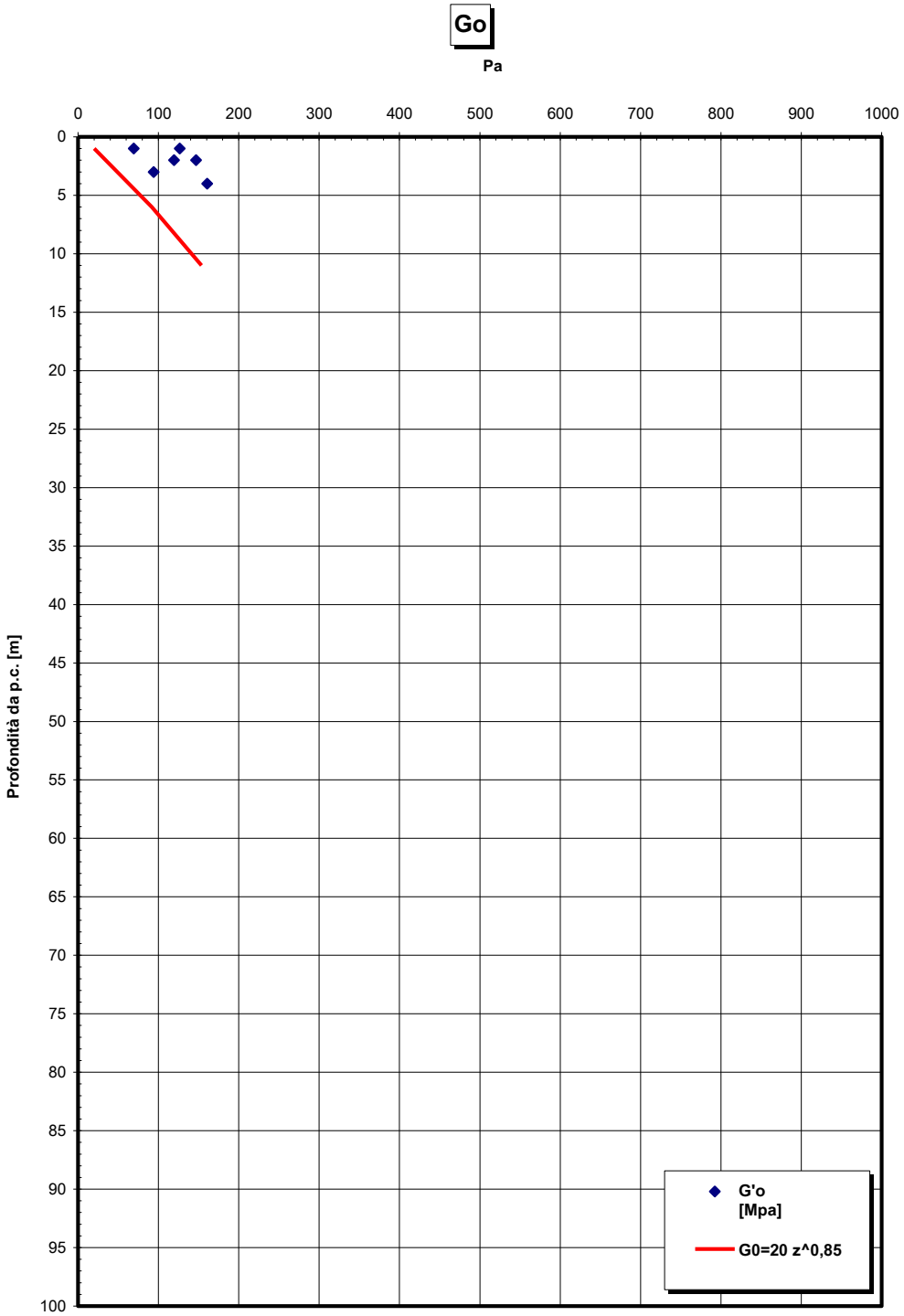

Depositi di versante
1000,000
100,000
10,000
1,000
0,100
0,010
0,001
100,0
90,0
80,0
70,0
60,0
50,0
40,0
30,0
20,0
10,0
0,0
D(%)
(mm)

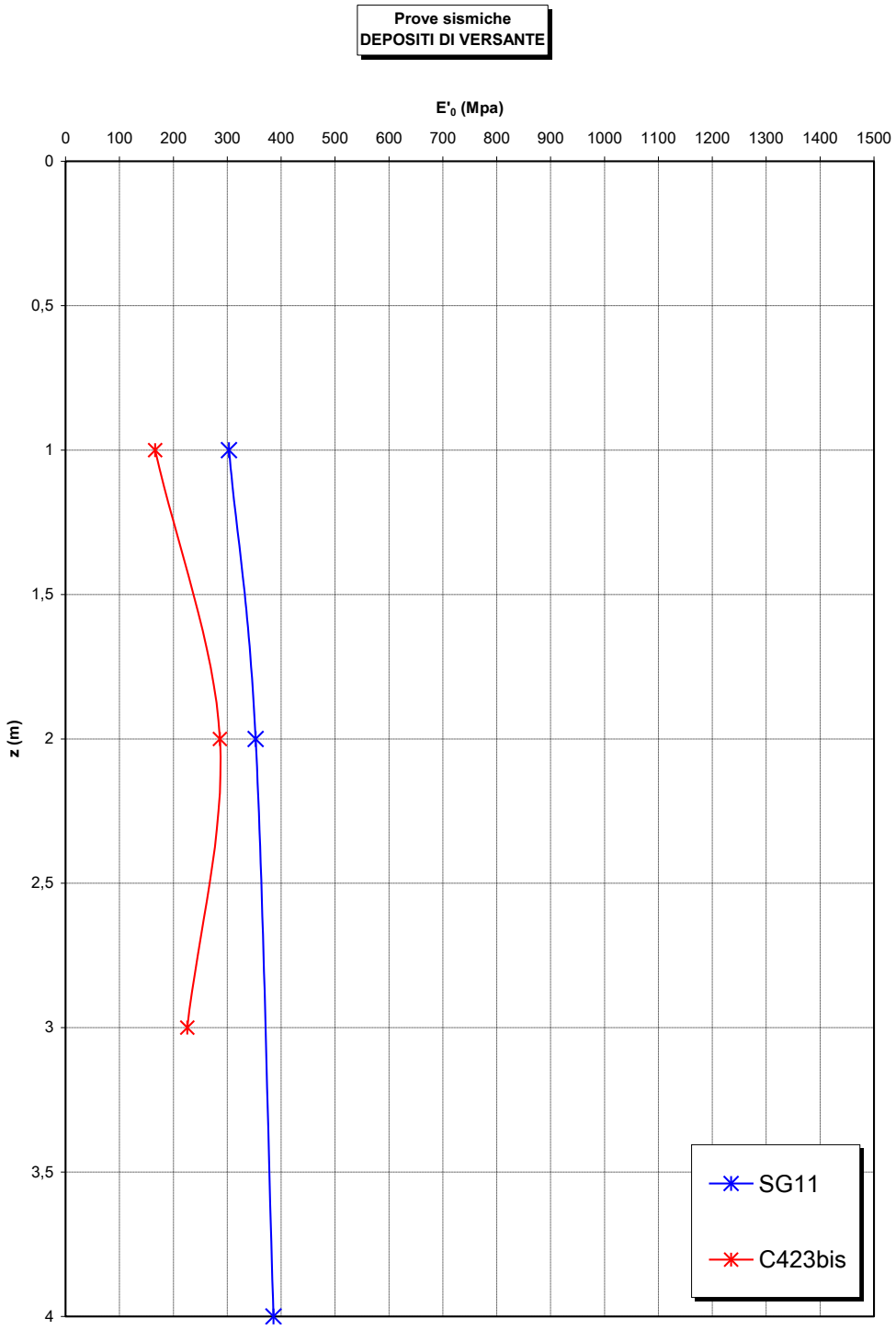

Dr Skempton (1986)
Componente sabbiosa prevalente
DEPOSITI DI VERSANTE
Dr
0,0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1,0
z (m)
0
1
2
3
4
5
6
7
8
9
10
C423bis
C406
C407
C424
C421
C425
C433


' picco
Profondità da p.c. [m]
f' picco
272 [°]


Go spt
Pa
0
100
200
300
400
500
600
700
800
900
1000
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
Profondità da p.c. [m]
y = 0,0681x
R2 = 0,4205
Go [Mpa]


Prove sismiche
DEPOSITI DI VERSANTE
Vs (m/s)
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
z (m)
0
0,5
1
1,5
2
2,5
3
3,5
4
SG11
C423bis


Go
Pa
0
100
200
300
400
500
600
700
800
900
1000
Profondità da p.c. [m]
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
G'o
[Mpa]
G0=20 z^0,85


Prove sismiche
DEPOSITI DI VERSANTE
E'0 (Mpa)
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
z (m)
0
0,5
1
1,5
2
2,5
3
3,5
4
SG11
C423bis

Depositi terrazzati marini

Per le caratteristiche fisiche l'andamento del fuso evidenzia che le caratteristiche granulometriche dei materiali in esame sono tipiche di materiali sia di materiali a grana grossa (ghiaie 30%), sia di materiali intermedi (sabbie 50%). Il contenuto di fino è mediamente del 17%.

Con riferimento al fuso medio si ha:

- Il valore di $\mathbf{D_{50}}$ è pari a 0.5mm
- Il valore di $\mathbf{D_{60}}$ è pari a 1.0 mm
- Il valore di $\mathbf{D_{10}}$ è pari a 0.008 mm

Il peso di volume dei grani γ_s è risultato pari a circa 26.5 kN/m^3.

Da letteratura si hanno a disposizione i valori di γ_{dmax} e γ_{dmin} pari rispettivamente a 18.8 e 15.7 kN/m^3

Per lo stato iniziale si ha:

- **Dr:** i valori di N_{spt} sono stati corretti con il fattore correttivo C_{sg}=0.85 corrispondente al d50=0.5mm.
- **e_o:** a partire dal d50 stimato si ottiene di e_{max}-e_{min} pari a 0.35. Stimando per e_{max} un valore pari a 0.7 a partire dai valori di Dr è stato possibile determinare i valori di $\mathbf{e_o}$ in sito.
- **γd :** in base ai valori di $\mathbf{e_o}$ da γ_s si può stimare γ, riportato nel grafico.
- **K_0:** si considera la relazione di Jaky.

Dr(%) Prevalente sabbiosa	Dr(%) Sabbie e ghiaie	γd(KN/m3)	K_0
50-80	-	17-20	0.35-0.4

Per quanto riguarda le caratteristiche di resistenza sulla base delle prove SPT si è ottenuto un valore medio di angolo di attrito di circa 40°.

z(m)	$\gamma'_{p\ (pff=0-272KPa)}$ (°)	$\gamma'_{p\ (pff=-272-350KPa)}$ (°)	γ'_{cv} (°)
0-10	38-41	35-38	33-35

Ai parametri di resistenza operativi al taglio in termini di sforzi efficaci si sono assegnati i seguenti valori operativi:

c' = 0 kPa = coesione apparente

¤' = 38°¤40° =angolo di resistenza al taglio

Per i valori di stato critico, in assenza di prove specifiche, in base ai dati di letteratura si possono definire i seguenti valori operativi

c_r' = 0 kPa = coesione apparente

¤$_r$' = 33°-35° =angolo di resistenza al taglio

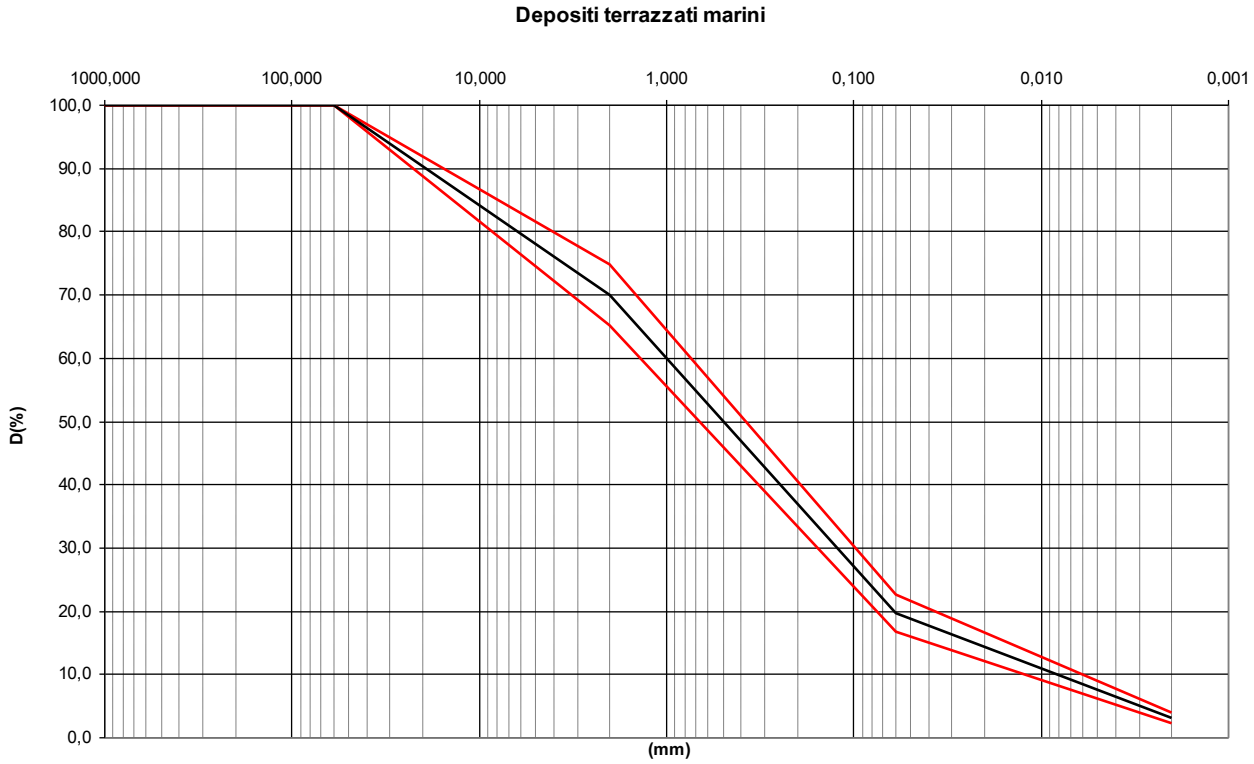
Dalle prove di laboratorio su campioni rimaneggiati si ottiene per l'angolo di attrito un valore di 30°-35°.

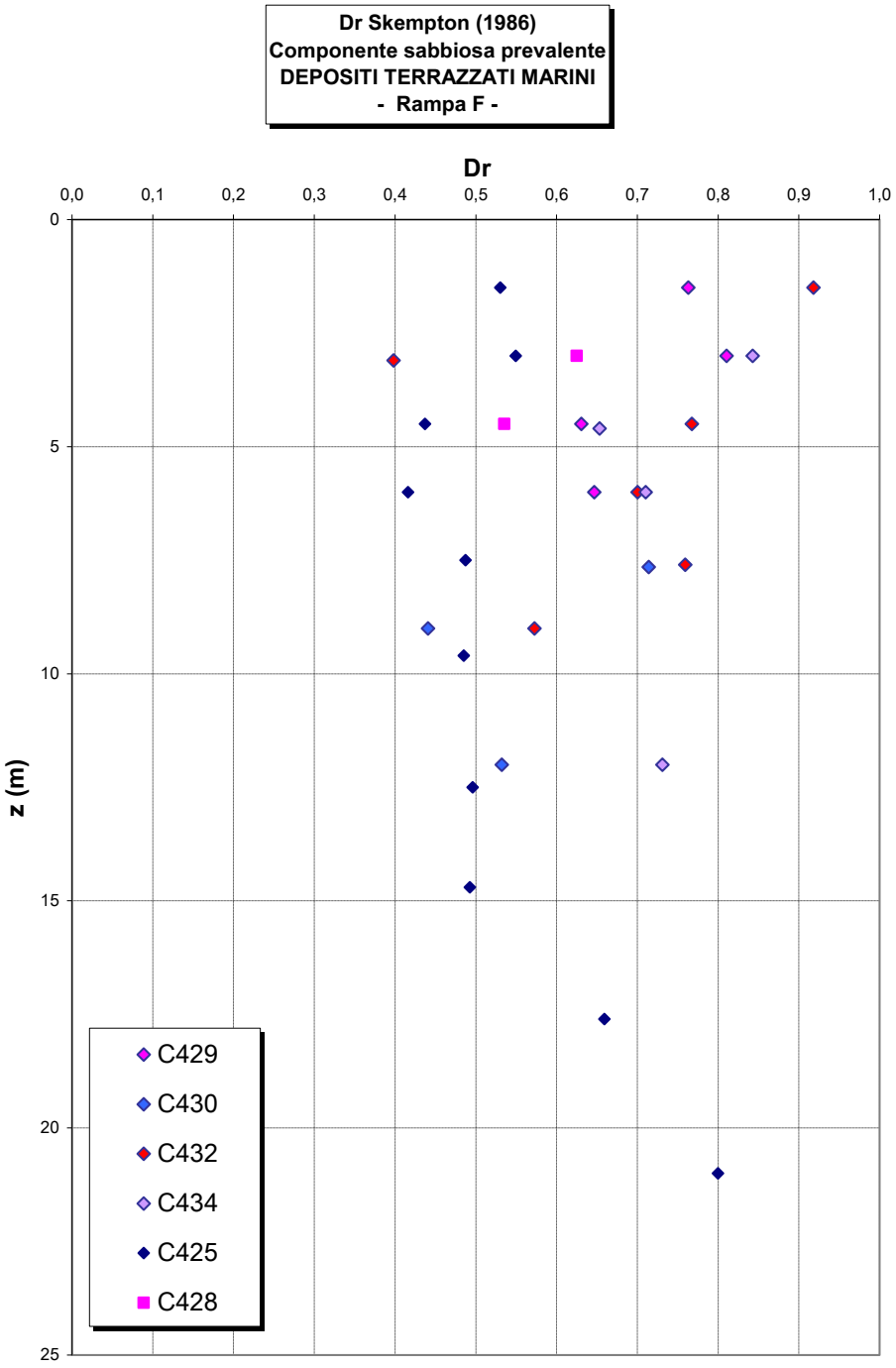
Per le caratteristiche di deformabilità in base alle SPT e alle sismiche si può assumere:

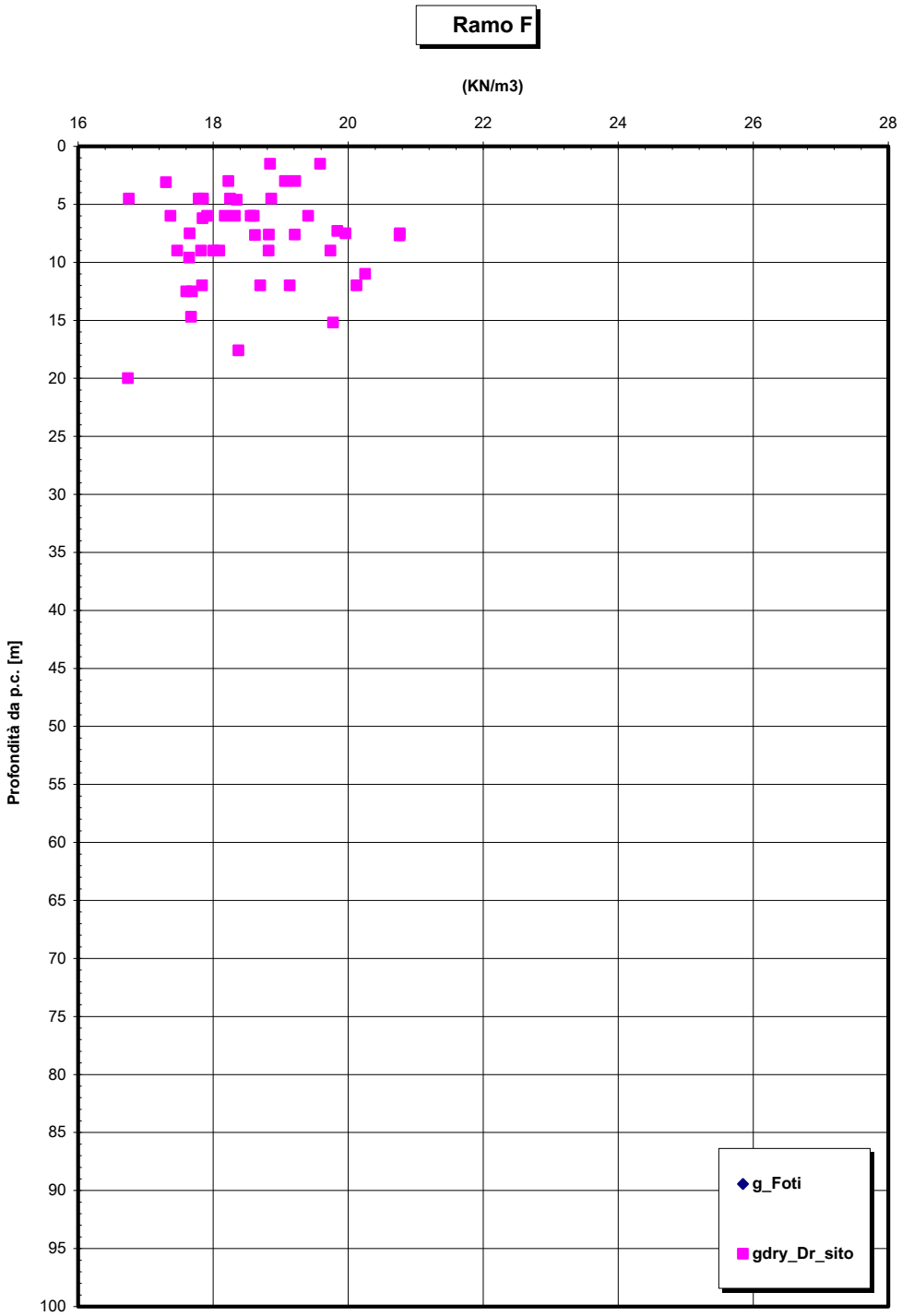
z(m)	G0(MPa)	E0(MPa)	E'(MPa)
0-10	100-250	240-600	32-80 / 80-200

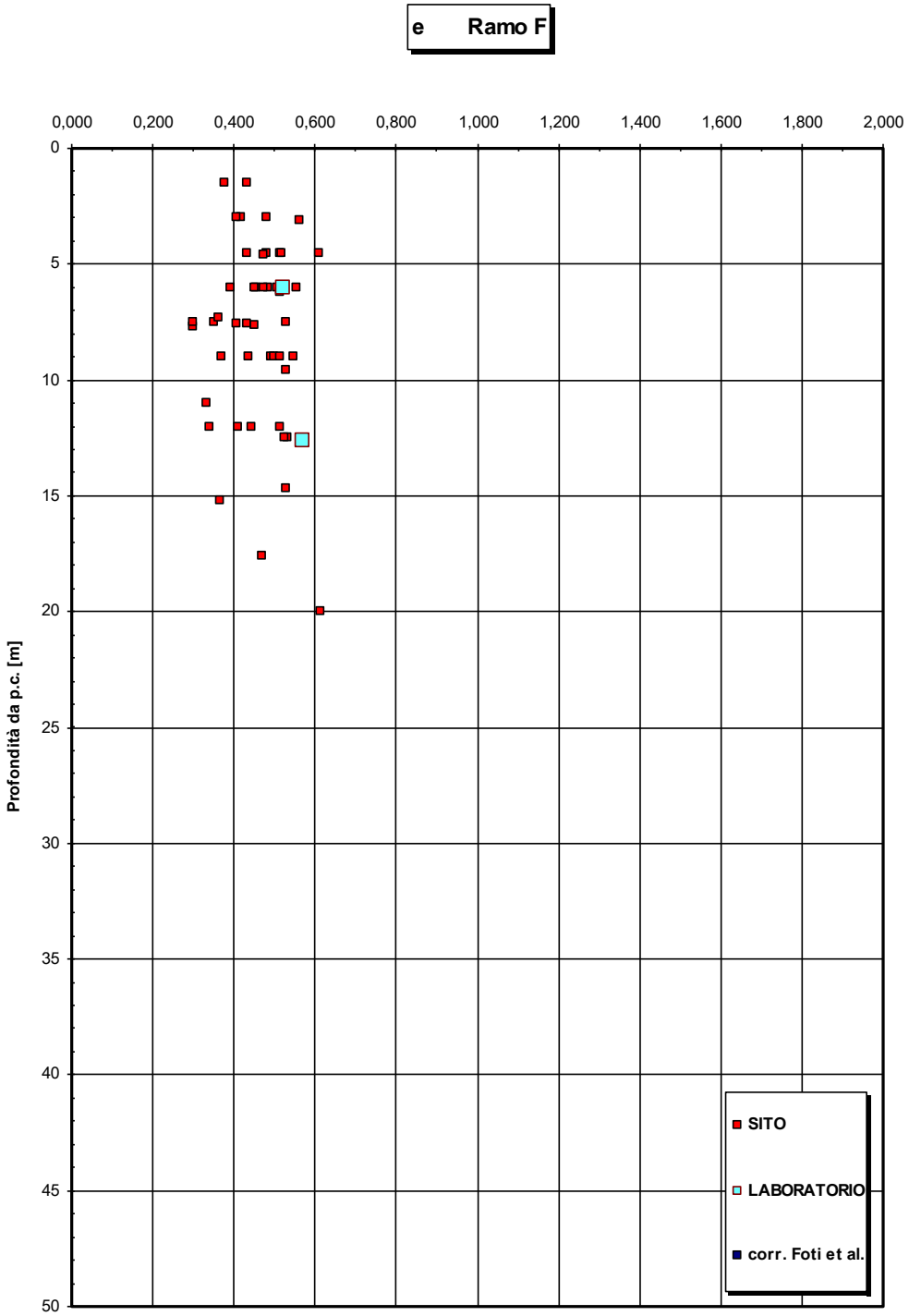
con i valori di E pari rispettivamente a circa 1/10 ÷ 1/5 ed 1/3 di quelli iniziali.

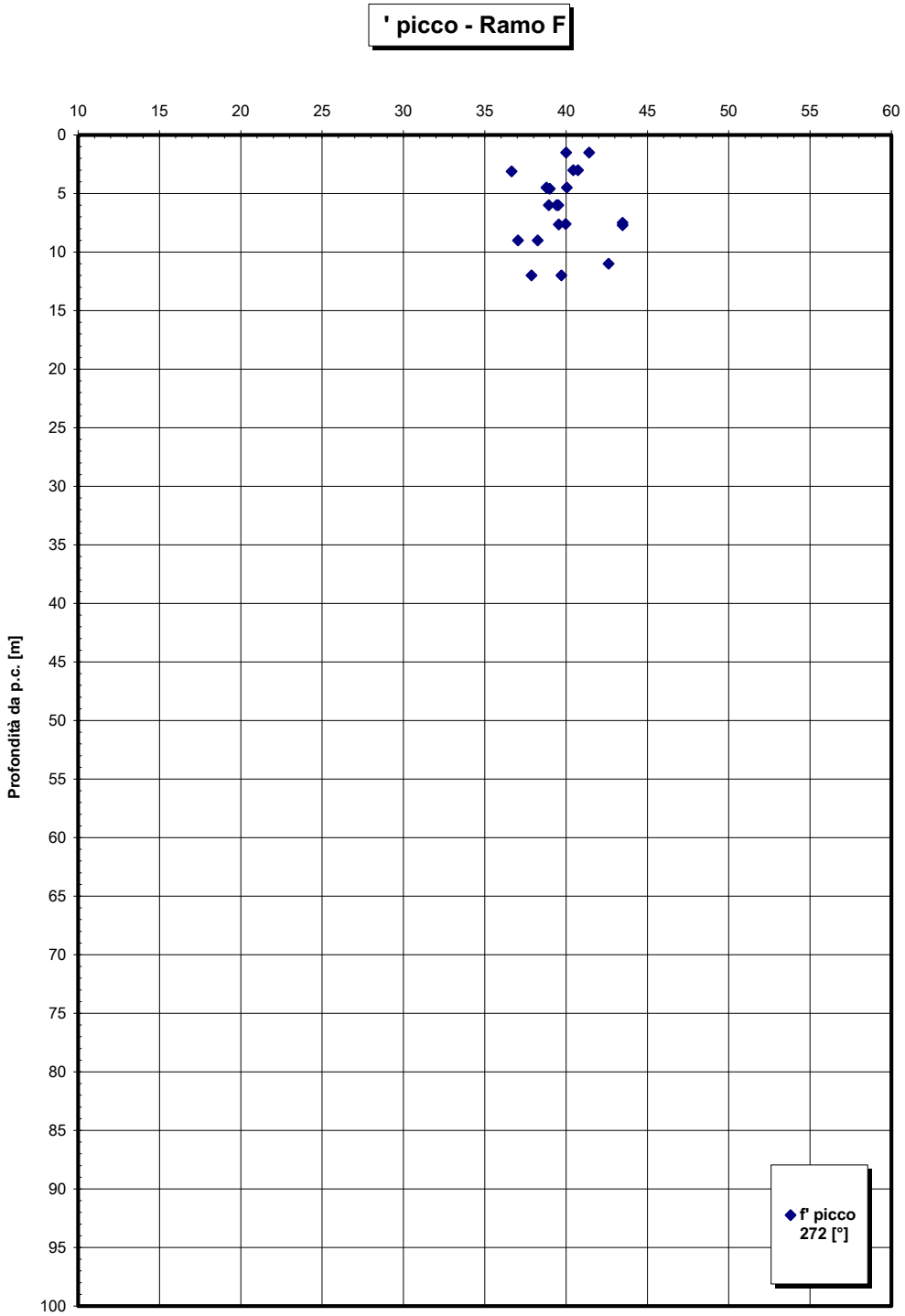
La prova pressiometrica (SN8) ha fornito un valore (primo carico) di E' di 120MPa a circa 18m di profondità.

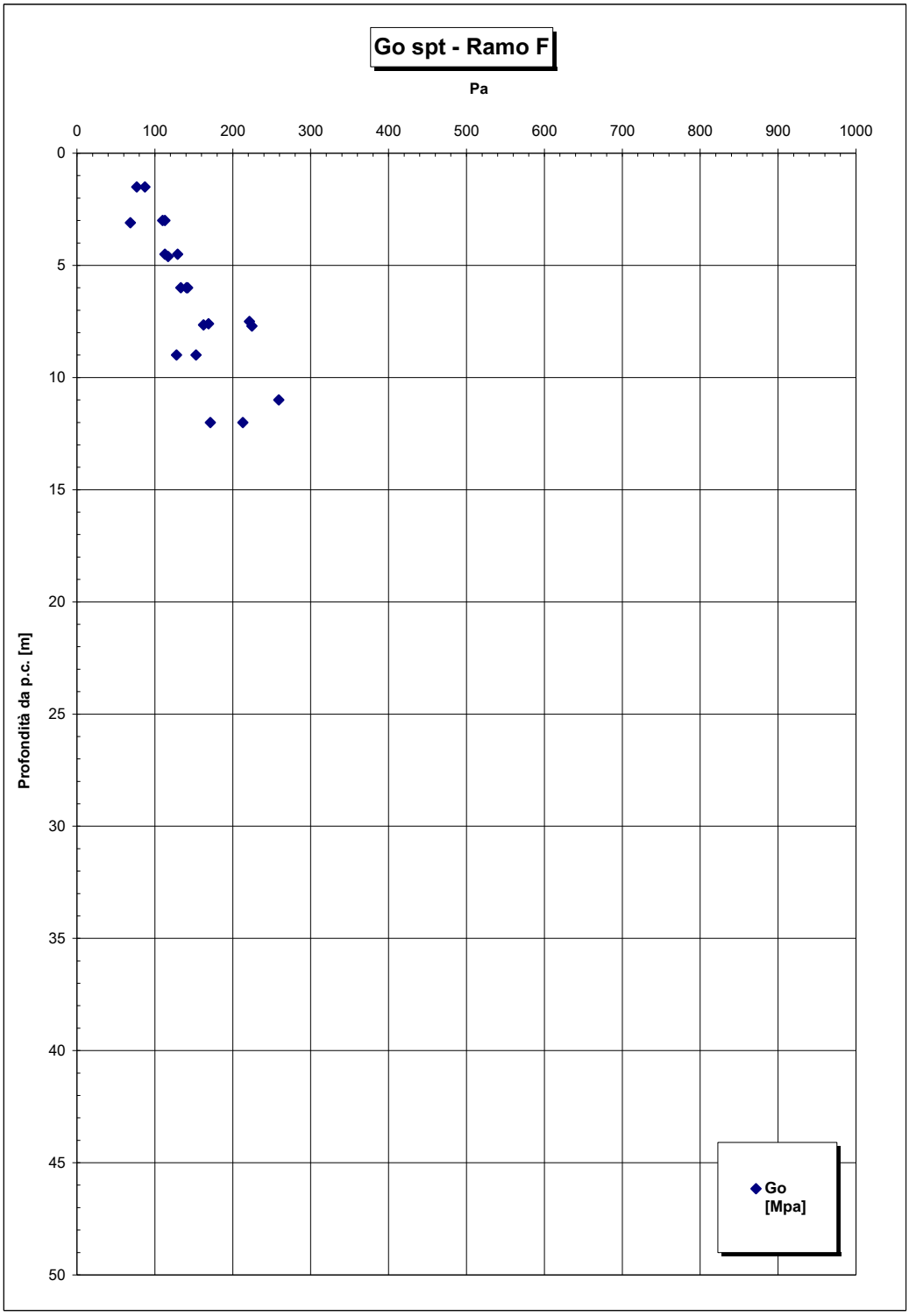


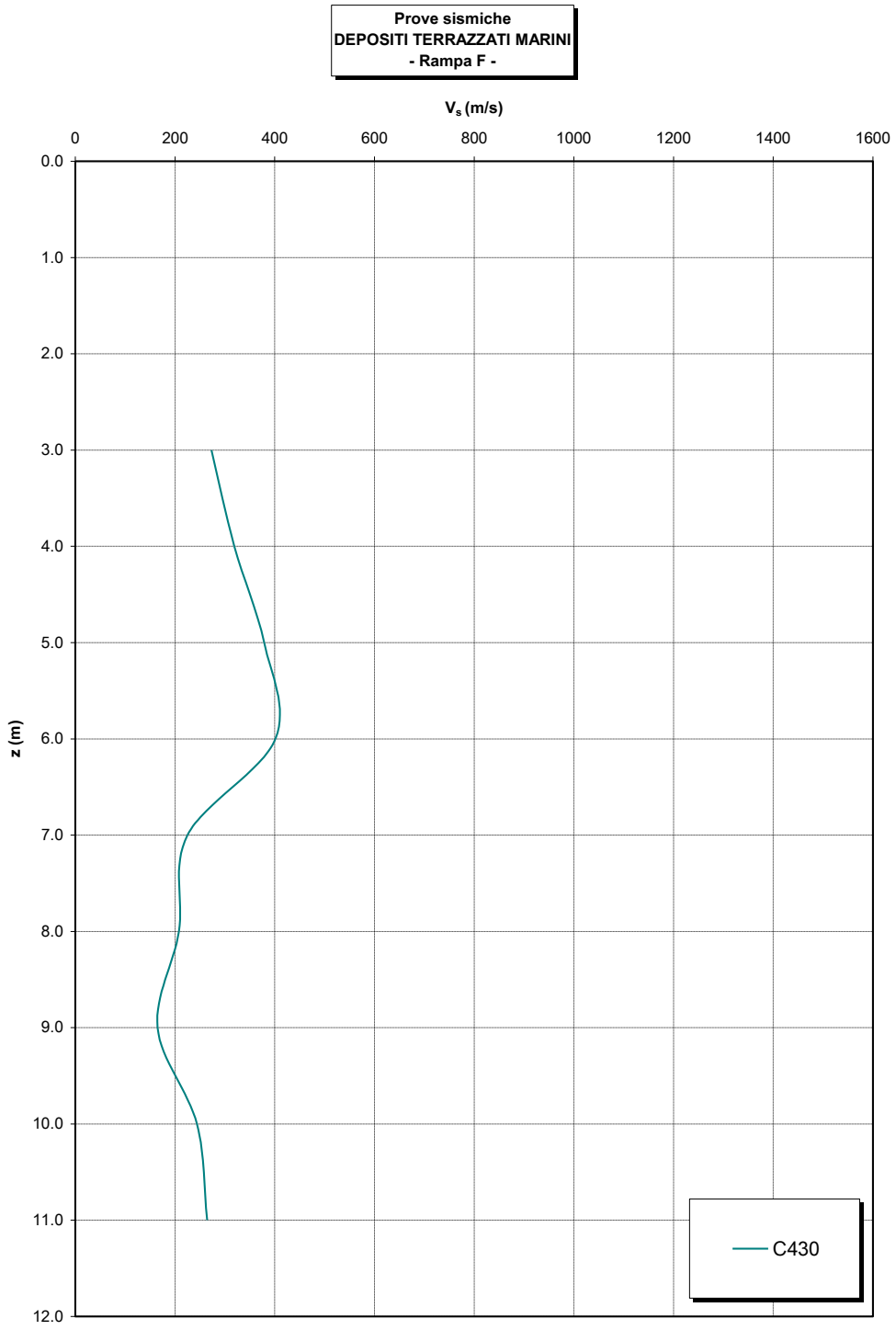

Dr Skempton (1986)
Componente sabbiosa prevalente
DEPOSITI TERRAZZATI MARINI
- Rampa F -
Dr
0,0
0,1
0,2
0,3
0,4
0,5
0,6
0,7
0,8
0,9
1,0
z (m)
0
5
10
15
20
25
C429
C430
C432
C434
C425
C428

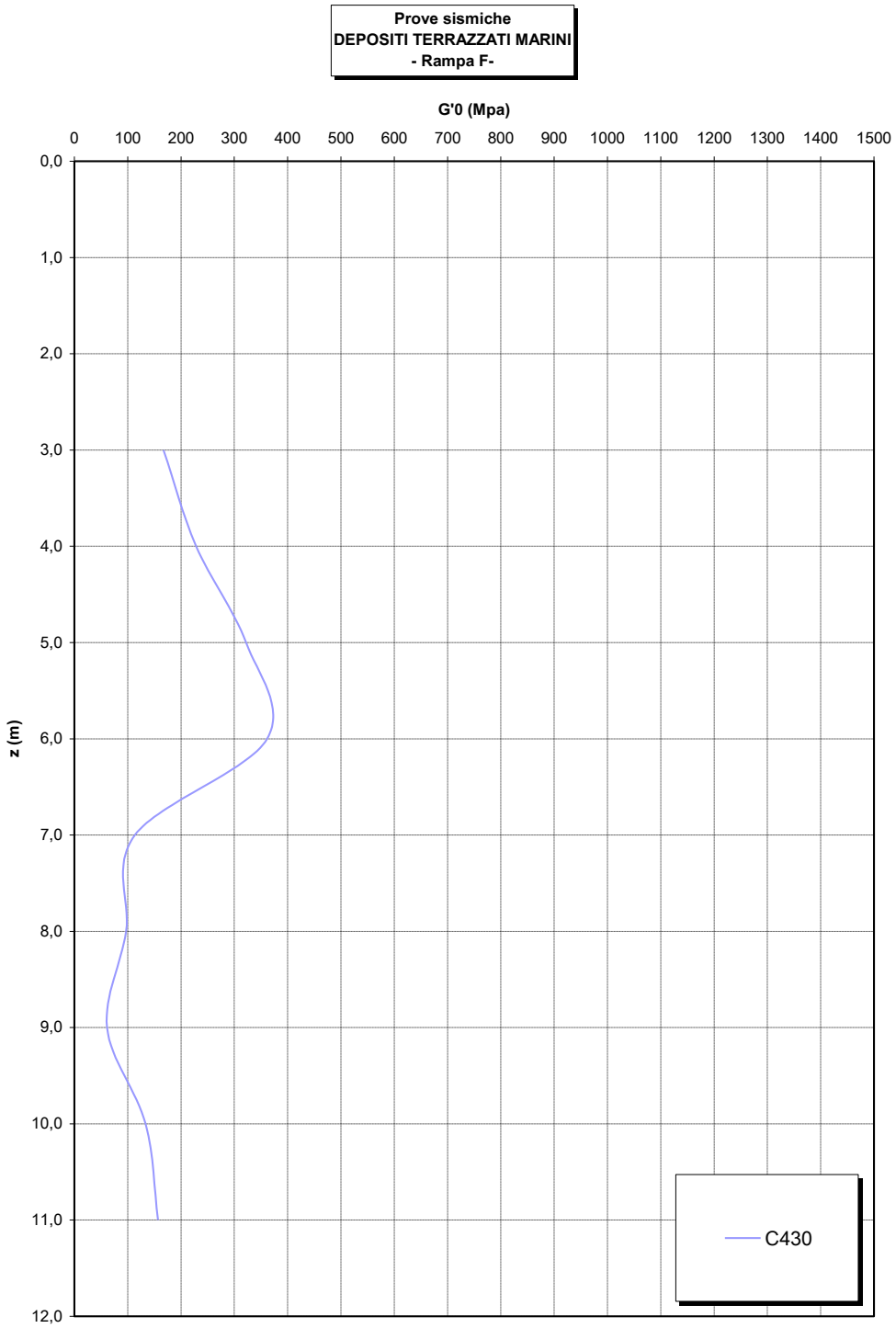

Ramo F
(KN/m3)
16
18
20
22
24
26
28
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
Profondità da p.c. [m]
g_Foti
gdry_Dr_sito


e Ramo F
0,000
0,200
0,400
0,600
0,800
1,000
1,200
1,400
1,600
1,800
2,000
0
5
10
15
20
25
30
35
40
45
50
Profondità da p.c. [m]
SITO
LABORATORIO
corr. Foti et al.


' picco - Ramo F
Profondità da p.c. [m]
f' picco
272 [°]


Go spt - Ramo F
Pa
0
100
200
300
400
500
600
700
800
900
1000
0
5
10
15
20
25
30
35
40
45
50
Profondità da p.c. [m]
Go [Mpa]


Prove sismiche
DEPOSITI TERRAZZATI MARINI
- Rampa F -
Vs (m/s)
0
200
400
600
800
1000
1200
1400
1600
z (m)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
10.0
11.0
12.0
C430


Prove sismiche
DEPOSITI TERRAZZATI MARINI
- Rampa F-
G'0 (Mpa)
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
z (m)
0,0
1,0
2,0
3,0
4,0
5,0
6,0
7,0
8,0
9,0
10,0
11,0
12,0
C430

Plutoniti

Per le caratteristiche fisiche dalle prove di laboratorio emerge un peso di volume ◘ di volume totale pari a 21KN/m$^{3.}$
Considerando il probabile disturbo dei campioni si assume un range pari a 21-23 KN/m^3

Per i parametri di resistenza al taglio in termini di sforzi efficaci il modello utilizzato per la determinazione dei parametri è un continuo equivalente.

L'interpretazione delle caratteristiche dell'ammasso parte dalla stima del parametro RMR'_{89} che è stato valutato sulla base di 15 rilievi geostrutturali effettuati sugli affioramenti.

Il parametro GSI è quindi mediamente pari a 35-40.

Gli inviluppi di rottura dell'ammasso roccioso sono stati determinati tenendo conto:

- ◘ del valore GSI di cui in precedenza;
- ◘ dei valori della resistenza alla compressione semplice ◘$_c$ determinata in laboratorio (30MPa) e del parametro m_i della roccia intatta pari a 33.

I risultati che si otterrebbero, per GSI = 40 sono riportati nella tabella, sia per le condizioni di resistenza di picco ("undisturbed rock mass") che per le condizioni di resistenza residua ("disturbed rock mass") per tensioni normali corrispondenti a profondità massime di circa 20m.

		Picco		Residuo	
copertura (m)	◘n(Mpa)	c' (MPa)	◘' (°)	c' (MPa)	◘' (°)
10.00	0.22	0.14	59	0.10	46
20.00	0.44	0.23	53	0.16	40
30.00	0.66	0.32	50	0.22	36
40.00	0.88	0.39	47	0.27	33
50.00	1.10	0.47	45	0.33	31
60.00	1.32	0.54	44	0.37	29
70.00	1.54	0.60	42	0.42	28
80.00	1.76	0.67	41	0.46	26
90.00	1.98	0.73	40	0.51	25
100.00	2.20	0.79	39	0.55	24

In contesti non caratterizzati da rotture pregresse o in atto e per analisi convenzionali in cui non venga simulato il decadimento della resistenza si potranno considerare come valori operativi quelli

rappresentati dai valori medi tra quelli "undisturbed" e "disturbed" oppure cautelativamente prossimi a quelli "disturbed".

In contesti caratterizzati da rotture pregresse o in atto e per analisi convenzionali potranno considerarsi come valori operativi quelli rappresentati dai valori "disturbed".

Per le zone tettonizzate o alterate si assume GSI=20 (classe IV-V RMR) e quindi si ottiene:

		Picco		Residuo	
copertura (m)	◘n(Mpa)	c' (MPa)	◘' (°)	c' (MPa)	◘' (°)
10.00	0.22	0.11	53	0.07	36
20.00	0.44	0.19	47	0.12	29
30.00	0.66	0.27	44	0.17	26
40.00	0.88	0.33	41	0.21	23
50.00	1.10	0.39	39	0.25	21
60.00	1.32	0.45	37	0.28	20
70.00	1.54	0.51	36	0.32	19
80.00	1.76	0.56	34	0.35	18
90.00	1.98	0.62	33	0.38	17
100.00	2.20	0.67	32	0.41	16

Su campioni rimaneggiati e prelevati nei sondaggi SG11, SG11bis, SG13 e SG13bis nei primi 30m, e quindi nella parte più alterata dell'ammasso, sono state effettuate prove di taglio diretto che forniscono per i parametri di resistenza c=0-20KPa e ◘'=32-40°.

Per le caratteristiche di deformabilità considerando la relazione di Serafim & Pereira, 1983 si ottiene:

E'=500 ÷ 700 Mpa rispettivamente per D=1e D=0.5 in ammassi di classe IV-V RMR (faglie)

E'=1000 ÷ 1500 Mpa rispettivamente per D=1 e D=0.5 in ammassi di classe III-IV RMR

In base alle prove sismiche in foro (SG11, SG11bis, CN451) si ottiene un range di valori, tra 5m e 40m di profondità di E_0 molto variabile mediamente pari a 1000 fino a 10m e a 2000 MPa tra 10m e 35m di profondità.

Dopo tale profondità la sismica Cn451 fornisce valori crescenti con E_0>4000 MPa.

Il modulo statico E' risulta pari a E'=500 ÷ 700 Mpa pari rispettivamente a circa 1/5 ÷ 1/3 di quello iniziale.

Le prove pressiometriche forniscono un range di valori, tra 15m e 35m di profondità di E' pari a 150-250MPa, mentre le prove dilatometriche un valore che si aggira intorno a 250-500MPa (1/5-1/10E_0).

Si ritiene quindi ragionevole assumere tale range di valori operativi:

E'=250 ÷ 500 Mpa in ammassi di classe IV-V RMR (faglie) e nei primi 10m di profondità

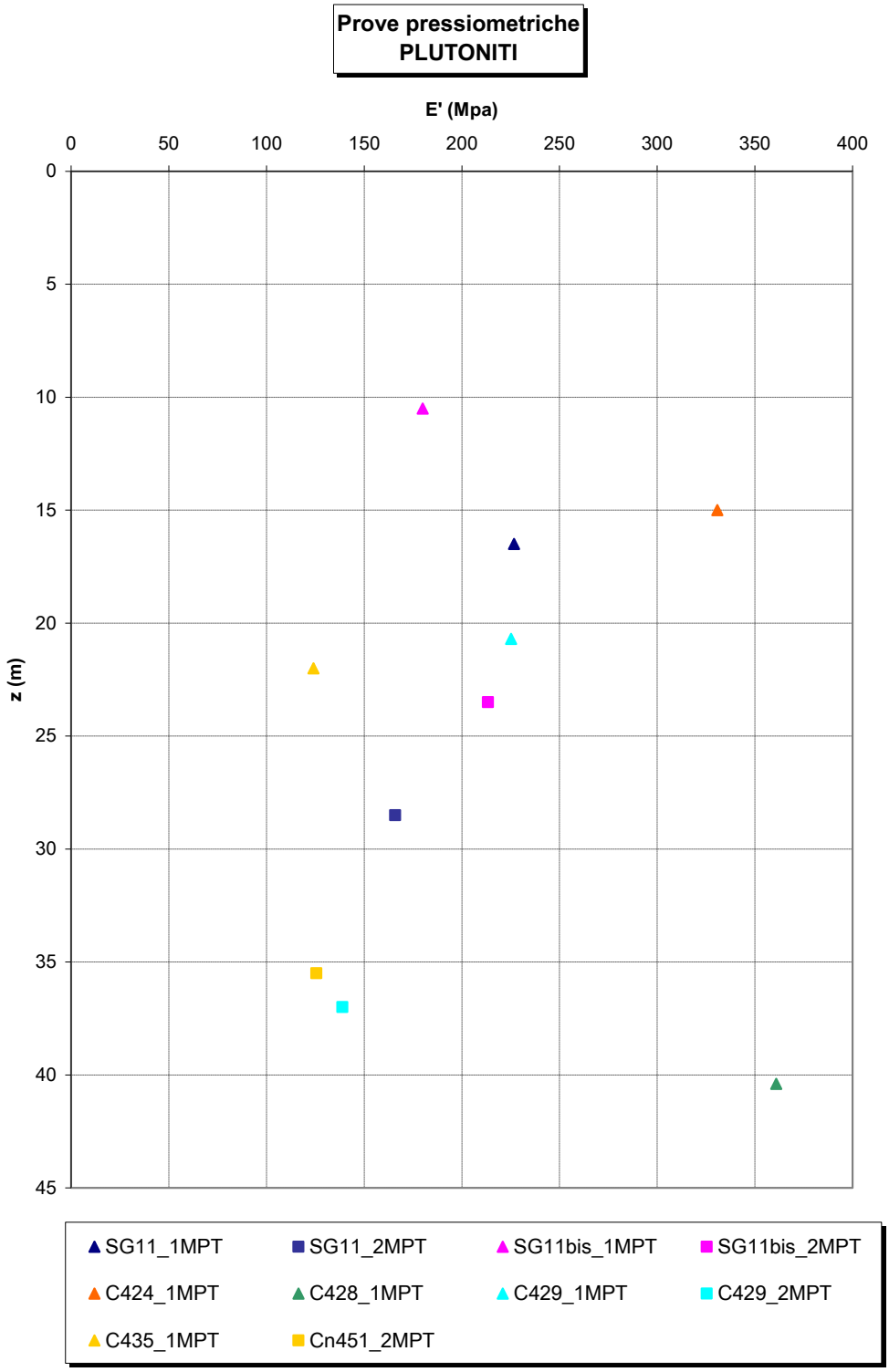
E'=500 ÷ 700 Mpa in ammassi di classe IV-V RMR (faglie) e nei primi 10-35m di profondità

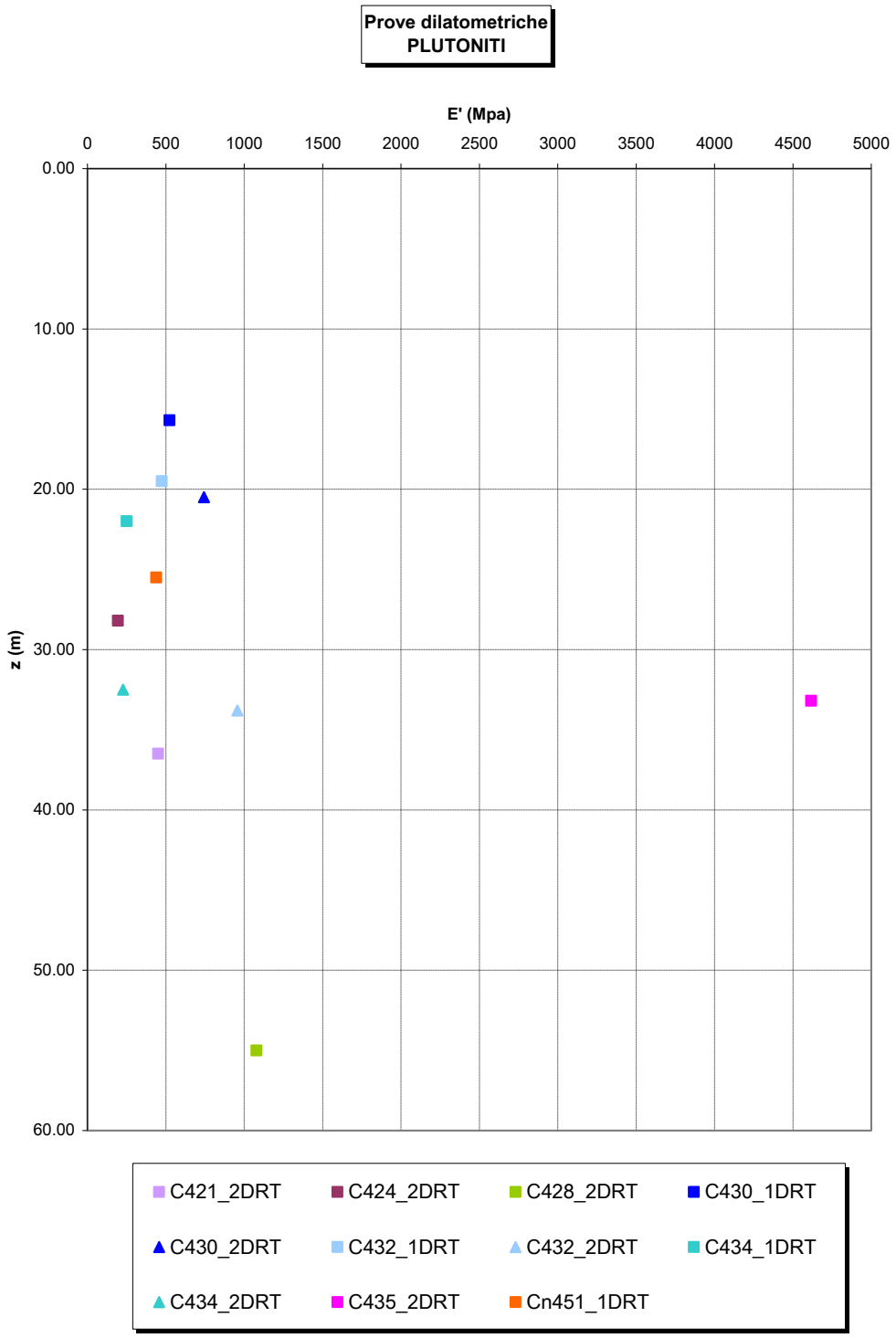
E'=1000 ÷ 1500 Mpa per profondità maggiori

Riepilogo caratteristiche fisiche plutoniti

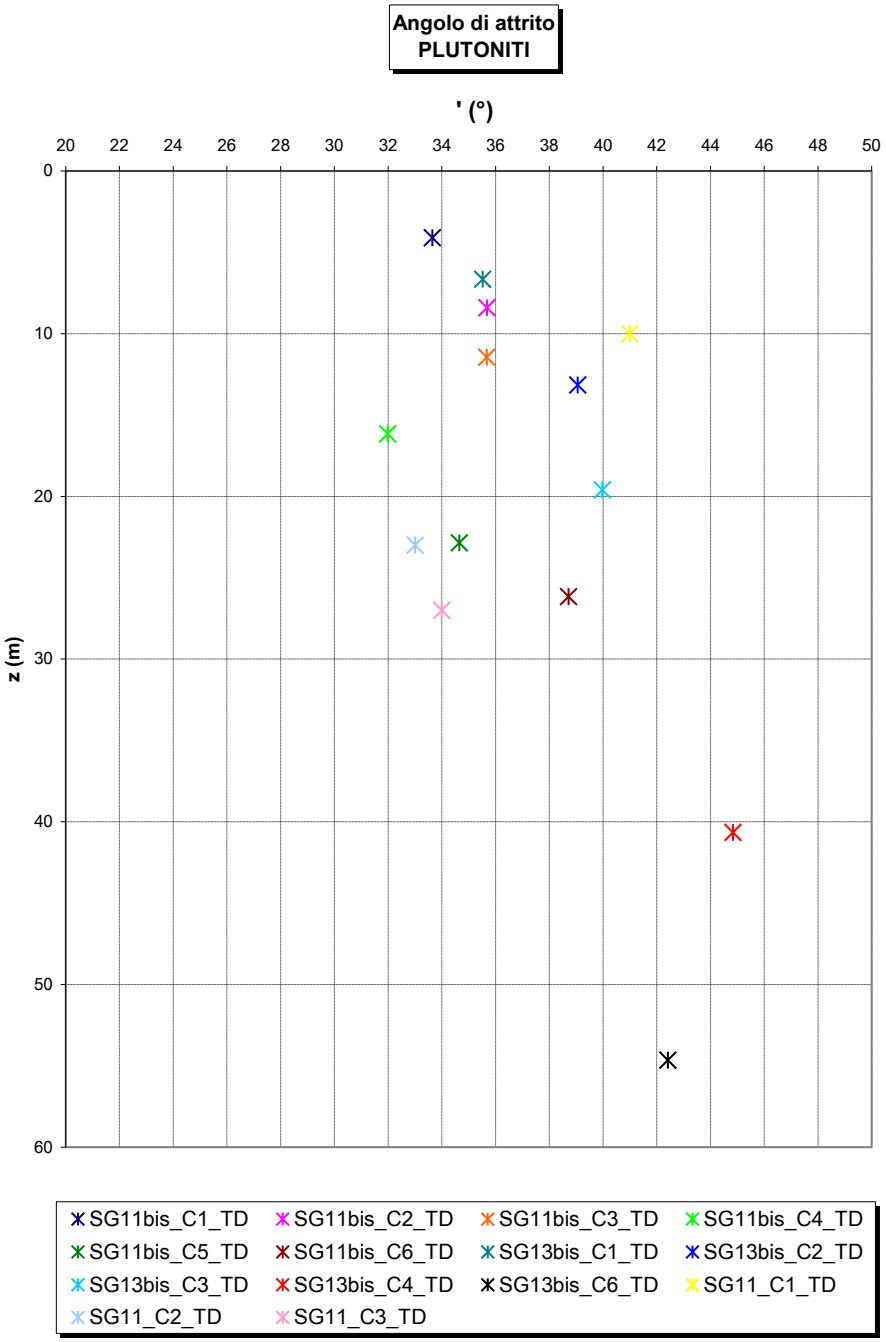
SONDAGGIO	N° PROVINO	OPERA	z (m)	(kN/m^3)	d (kN/m^3)	s (kN/m^3)
SG11bis	C1	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	4.1	19.91	18.0	25.80
SG11bis	C2	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	8.4	18.85	15.2	25.90
SG11bis	C3	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	11.45	18.55	17.0	26.10
SG11bis	C4	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	16.15	20.01	17.3	26.10
SG11bis	C5	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	22.8	19.52	17.9	25.40
SG11bis	C6	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	26.15	20.01	17.6	26.70
SG13bis	C1	Galleria Rampa C / Galleria Rampa D / ferrovia	6.65	19.81	17.1	26.70
SG13bis	C2	Galleria Rampa C / Galleria Rampa D / ferrovia	13.15	19.02	16.8	25.30
SG13bis	C3	Galleria Rampa C / Galleria Rampa D / ferrovia	19.60	18.8	17.3	26.30
SG13bis	C4	Galleria Rampa C / Galleria Rampa D / ferrovia	40.65	20.40	18.7	25.50
SG13bis	C6	Galleria Rampa C / Galleria Rampa D / ferrovia	54.65	20.97	17.9	25.80
Cn451	CR1	Rampa C 1+200-3+300 / Rampa F / Rampa V	31.60			26.67
Cn451	CR2	Rampa C 1+200-3+300 / Rampa F / Rampa V	34.60			26.87
Cn451	CR3	Rampa C 1+200-3+300 / Rampa F / Rampa V	37.35			26.74
C421	CR3	Galleria Rampa A	31.8			26.50
C421	CR4	Galleria Rampa A	35.2			27.18
C421	CR5	Galleria Rampa A	38.80			27.21
C425	CR2	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F/ Rampa G	19.2			26.84
C425	SPT10	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F/ Rampa G	21			26.39
C425	CR3	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F/ Rampa G	22.5			26.84
C425	SPT11	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F/ Rampa G	24			26.58
C429	CR2	Rampa C 1+200-3+300 / Rampa F / Rampa V	23.8			27.19
C429	CR3	Rampa C 1+200-3+300 / Rampa F / Rampa V	28.9			26.92
C432	CR2	Rampa C 1+200-3+300 / Rampa F / Rampa V	25.8			26.41
C432	SL01	Rampa C 1+200-3+300 / Rampa F / Rampa V	18.8			27.21
C435	CR1	Rampa C 1+200-3+300 / Rampa F / Rampa A_acc	20.5			26.86
C435	CR2	Rampa C 1+200-3+300 / Rampa F / Rampa A_acc	25.7			26.83
C435	CR3	Rampa C 1+200-3+300 / Rampa F / Rampa A_acc	32.3			26.77
C435	CR4	Rampa C 1+200-3+300 / Rampa F / Rampa A_acc	39.9			26.39
C427	CR03	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	23.4			26.79
C427	CR04	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	31.3			26.61
C427	CR05	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	38.5			26.13
C421	SL01	Galleria Rampa A	13.6			26.78
C421	SL02	Galleria Rampa A	22.9			27.06
C427	SL01	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	31.8			27.05
C428	CI1	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	14.08			26.76
C428	CR1	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	17.42			26.45
C428	SPT7	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	21			27.13
C428	CR2	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	21.74			27.20
C428	CR03	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	24.4			27.75
C428	CR4	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	33.9			26.92
C428	CR6	Rampa C 1+200-3+300 / Rampa U / Rampa V / Rampa F	38.55			26.66
C434	SPT8	Rampa C 1+200-3+300 / Rampa F / Rampa A_acc	15			26.37
C434	SPT9	Rampa C 1+200-3+300 / Rampa F / Rampa A_acc	18			26.54

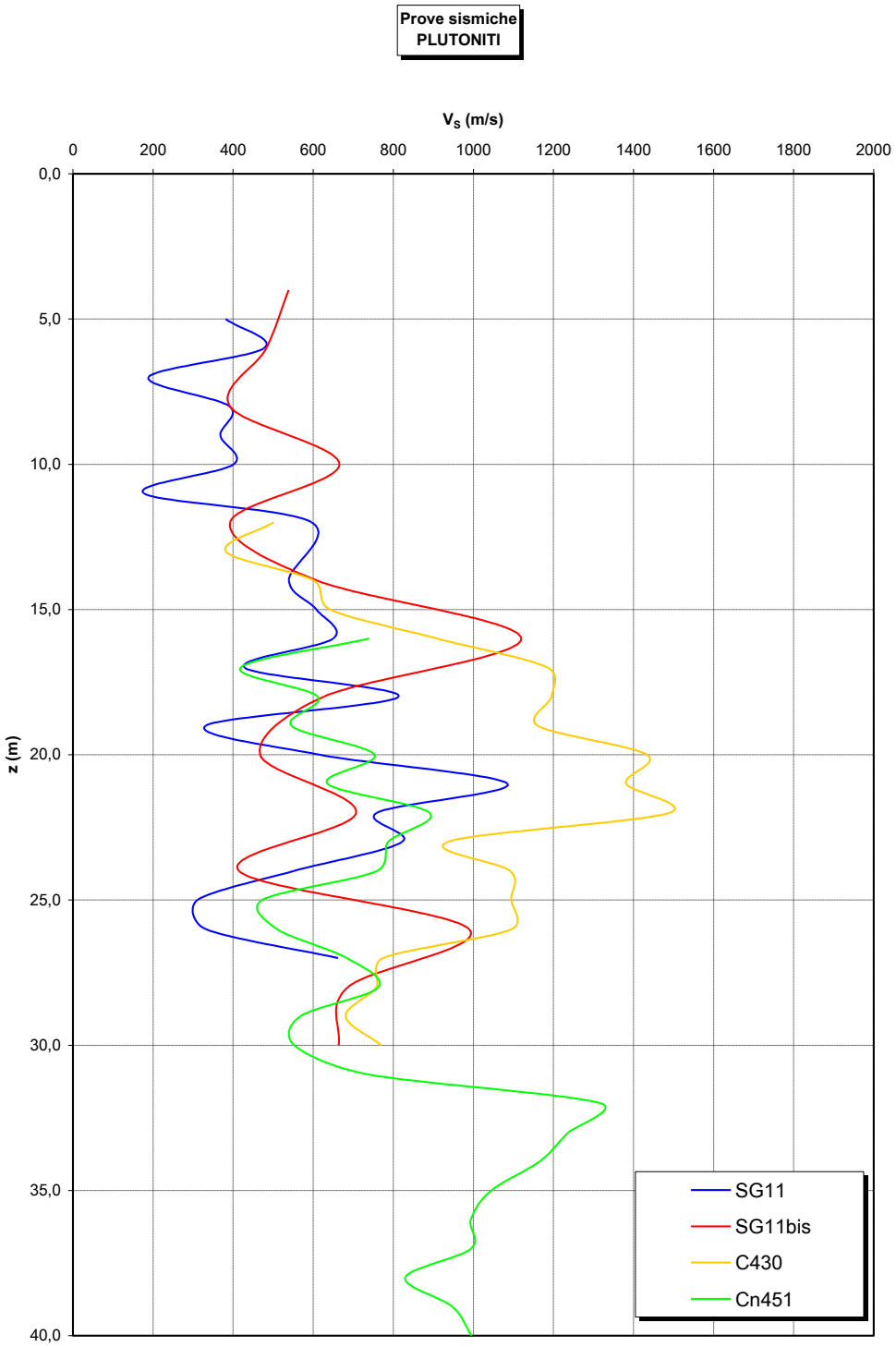
SONDAGGIO	N° PROVINO	OPERA	z (m)	(kN/m^3)	d (KN/m^3)
SG11	C1/riman	Rampa C 1+200-3+300	10.00	20.23	18.83
SG11	C2/ind	Rampa C 1+200-3+300	23.00	21.82	20.83
SG11	C3/ind	Rampa C 1+200-3+300	27.00	20.20	20.63
Cn451	CR1	Rampa C 1+200-3+300 / Rampa V / Ramo C_dec	31.60		26.67
Cn451	CR2	Rampa C 1+200-3+300 / Rampa V / Ramo C_dec	34.60		26.87
Cn451	CR3	Rampa C 1+200-3+300 / Rampa V / Ramo C_dec	37.35		26.74
C421quater	SL01	ferrovia	83.90		27.13
C421quater	CR1	ferrovia	60.50		27.26
C421quater	CR2	ferrovia	68.20		27.11
C421quater	CR3	ferrovia	85.00		27.02
C421quater	CR4	ferrovia	93.30		26.83
C433	SL01	Rampa C 1+200-3+300 / Ramo A_acc / Rampa F	35.60		26.70
C433	SL01	Rampa C 1+200-3+300 / Ramo A_acc / Rampa F	37.40		26.68

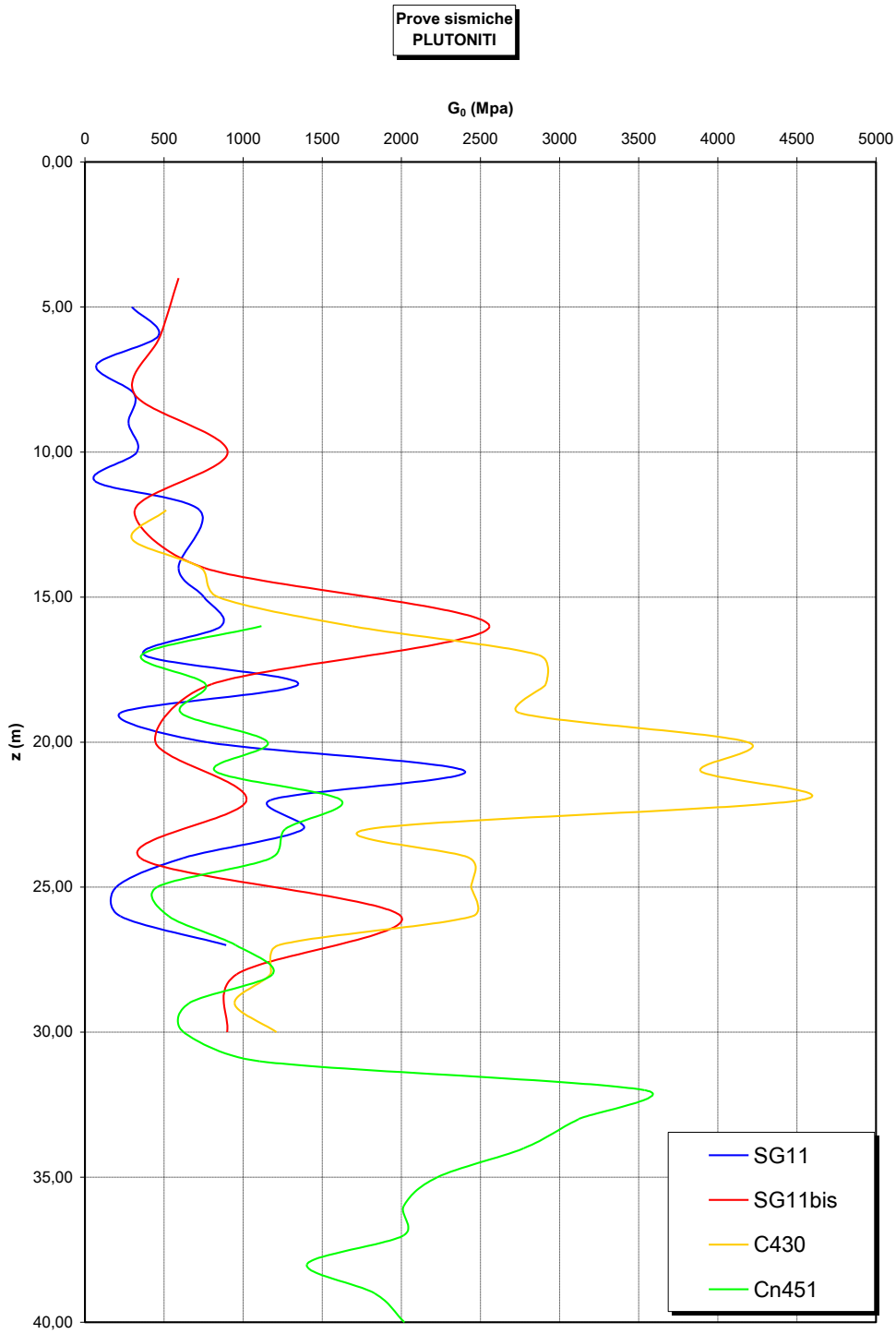

Prove pressiometriche
PLUTONITI
E' (Mpa)
0
50
100
150
200
250
300
350
400
z (m)
0
5
10
15
20
25
30
35
40
45
SG11_1MPT
SG11_2MPT
SG11bis_1MPT
SG11bis_2MPT
C424_1MPT
C428_1MPT
C429_1MPT
C429_2MPT
C435_1MPT
Cn451_2MPT

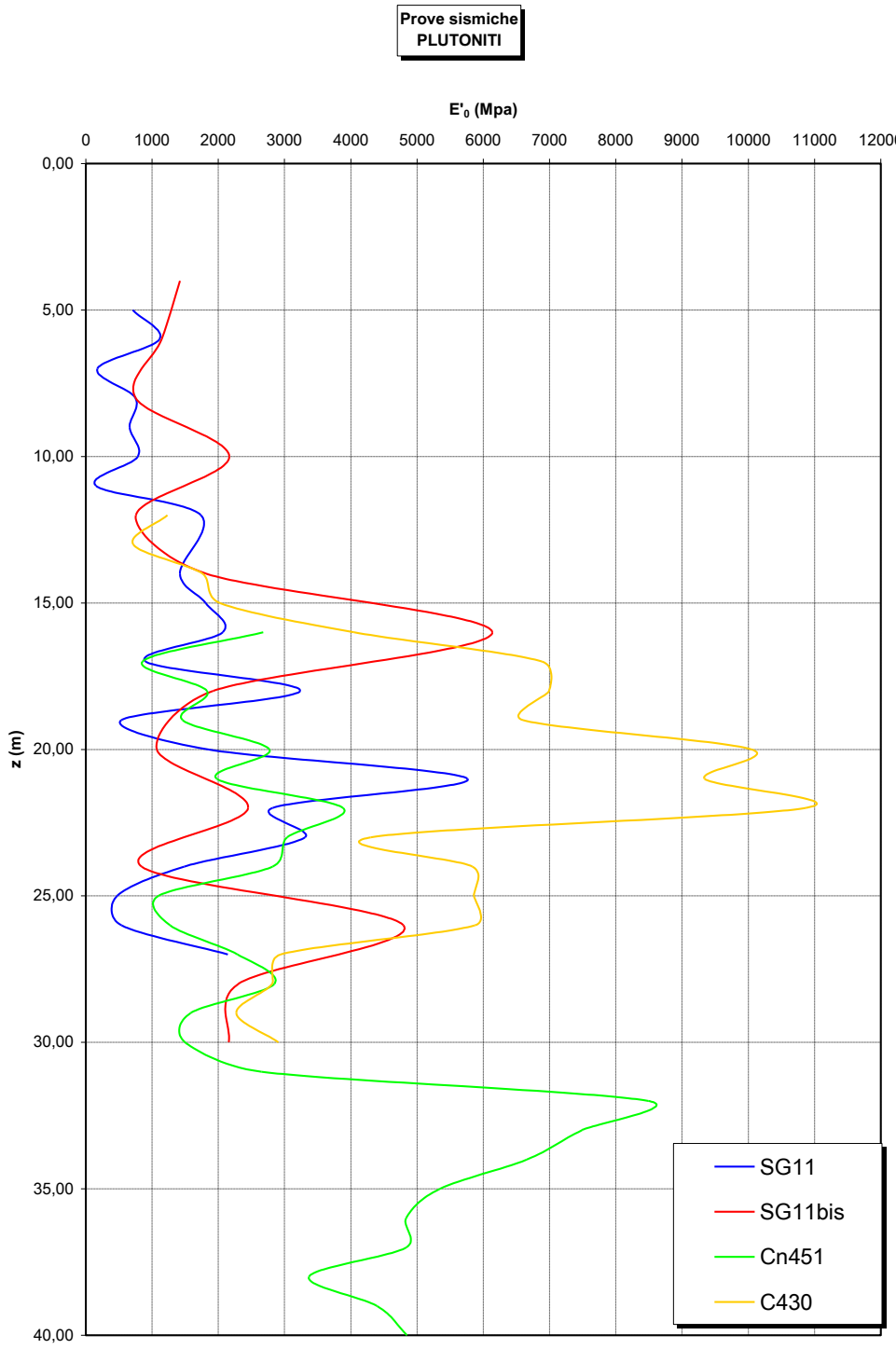

Prove dilatometriche
PLUTONITI
E' (Mpa)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
z (m)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
C421_2DRT
C424_2DRT
C428_2DRT
C430_1DRT
C430_2DRT
C432_1DRT
C432_2DRT
C434_1DRT
C434_2DRT
C435_2DRT
Cn451_1DRT

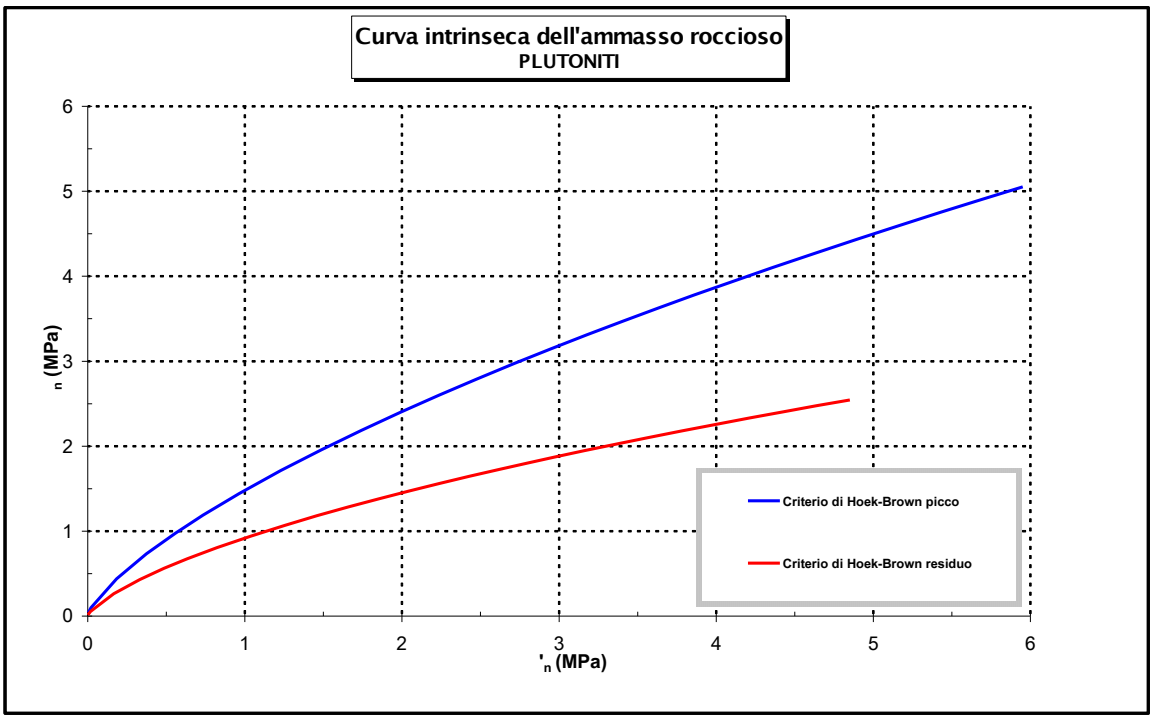
SONDAGGIO	N° PROVINO	z (m)	Opera	PROVA	c' [kPa]	ϕ' [°]
SG11	C1/riman	10.0	Rampa C 1+200-3+300	TD	16.3	41
SG11	C2/ind	23.0	Rampa C 1+200-3+300	TD	11.6	33
SG11	C3/ind	27.0	Rampa C 1+200-3+300	TD	18.3	34
SG11bis	C1	4.1	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	TD	21	34
SG11bis	C2	8.4	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	TD	9	36
SG11bis	C3	11.5	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	TD	8	36
SG11bis	C4	16.2	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	TD	15	32
SG11bis	C5	22.9	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	TD	0	35
SG11bis	C6	26.2	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	TD	11	39
SG13bis	C1	6.7	Galleria Rampa C / Galleria Rampa D / ferrovia	TD	1	36
SG13bis	C2	13.2	Galleria Rampa C / Galleria Rampa D / ferrovia	TD	5	39
SG13bis	C3	19.6	Galleria Rampa C / Galleria Rampa D / ferrovia	TD	0	40
SG13bis	C4	40.7	Galleria Rampa C / Galleria Rampa D / ferrovia	TD	32	45
SG13bis	C6	54.7	Galleria Rampa C / Galleria Rampa D / ferrovia	TD	19	42

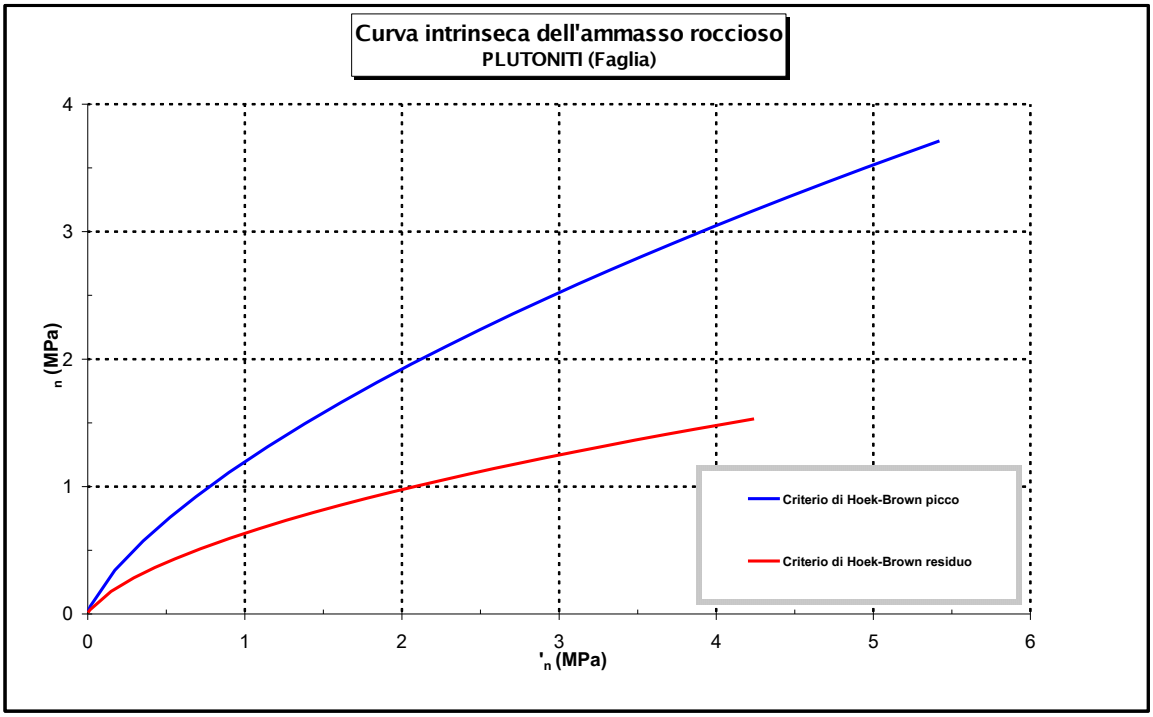

Angolo di attrito
PLUTONITI
' (°)
20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50
z (m)
0 10 20 30 40 50 60
SG11bis_C1_TD
SG11bis_C2_TD
SG11bis_C3_TD
SG11bis_C4_TD
SG11bis_C5_TD
SG11bis_C6_TD
SG13bis_C1_TD
SG13bis_C2_TD
SG13bis_C3_TD
SG13bis_C4_TD
SG13bis_C6_TD
SG11_C1_TD
SG11_C2_TD
SG11_C3_TD


Prove sismiche
PLUTONITI
Vs (m/s)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
z (m)
0,0
5,0
10,0
15,0
20,0
25,0
30,0
35,0
40,0
SG11
SG11bis
C430
Cn451


Prove sismiche
PLUTONITI
G0 (Mpa)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
z (m)
0,00
5,00
10,00
15,00
20,00
25,00
30,00
35,00
40,00
SG11
SG11bis
C430
Cn451


Prove sismiche
PLUTONITI
E'0 (Mpa)
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
11000
12000
z (m)
0,00
5,00
10,00
15,00
20,00
25,00
30,00
35,00
40,00
SG11
SG11bis
Cn451
C430


Curva intrinseca dell'ammasso roccioso
PLUTONITI
n (MPa)
'n (MPa)
0
1
2
3
4
5
6
Criterio di Hoek-Brown picco
Criterio di Hoek-Brown residuo


Curva intrinseca dell'ammasso roccioso
PLUTONITI (Faglia)
n (MPa)
'n (MPa)
0
1
2
3
4
5
6
Criterio di Hoek-Brown picco
Criterio di Hoek-Brown residuo

Per il dimensionamento geotecnico (verifiche di portata della fondazione) del prolungamento del tombino scatolare, dei pozzetti di caduta e dei nuovi imbocchi sono state utilizzate le seguenti caratteristiche dei "*Depositi terrazzati marini*":

- peso specifico = 20 kN/m^3;
- angolo di attrito = 38°.

Per le sollecitazioni derivanti dal terreno da rilevato, in virtù delle caratteristiche granulometriche del materiale costituente il corpo del rilevato (terre appartenenti ai gruppi A1-a, A1-b, A2-4, A2-5 e A3 - UNI 10006/2002), delle sue modalità di posa per strati di 30 cm in condizioni ottimali di umidità (wopt - 2,0% < w < wopt +2,0%, con wopt da AASHTO modif.) e di compattazione (grado di costipamento > 92% secondo AASHTO modif.) si sono utilizzati i seguenti parametri di progetto:

- peso specifico = 20 kN/m^3;
- angolo di attrito = 38°.

5.2.1 DETERMINAZIONE DEL VALORE DELLA COSTANTE DI SOTTOFONDO

L'interazione terreno-struttura è stata considerata schematizzando il terreno come un mezzo alla Winkler assimilandolo ad un letto di molle elastiche mutuamente indipendenti.

Con tale analisi si viene a concentrare l'attenzione esclusivamente sul terreno di fondazione, trascurando la rigidezza della fondazione e della struttura in elevazione, le quali vengono ad essere schematizzate attraverso la distribuzione di carichi noti applicati sulla superficie di imposta.

Nel presente paragrafo si stima la costante di sottofondo da utilizzare successivamente nei calcoli strutturali per simulare la risposta elastica del terreno alle sollecitazioni dovute ai carichi.

Il coefficiente di reazione del terreno è, per definizione, il rapporto fra carico e cedimento. Il cedimento dipende oltre che dai valori del carico e dalle proprietà del terreno, anche dalla forma e dalle dimensioni della fondazione. Il coefficiente di reazione del terreno K_s [kN/m^3] è calcolato come rapporto tra il carico unitario medio p [kPa] e il cedimento totale S_t [m] della fondazione in progetto, opportunamente valutato.

$$K_s \quad \frac{p}{S_t}$$

Rimanendo nel campo delle piccole deformazioni, il cedimento S_t di una fondazione è diviso in tre componenti: il cedimento istantaneo S_i, il cedimento per consolidazione S_c (primario) e il cedimento viscoso (secondario); in genere, le due componenti lente del cedimento vengono assimilate.

Nella deformazione immediata si può distinguere una componente elastica reversibile da una componente irreversibile sempre più importante al diffondersi delle zone dove risulta superata la resistenza tangenziale del terreno.
Nella deformazione lenta occorre distinguere i terreni coesivi per i quali il cedimento lento è maggiore (normalmente consolidati) o dell'ordine di grandezza di quello istantaneo (sovraconsolidati).
Con terreni non coesivi non esistono sostanzialmente deformazioni lente tranne per terreni a contenuto organico per i quali la deformazione presenta una forte caratteristica viscosa. In maniera semplificata, per i terreni non coesivi si è considerato il cedimento istantaneo coincidente con la sola componente elastica, trascurando quella plastica.

Considerando quindi il terreno come un mezzo elastico, si è fatto ricorso alla teoria del semispazio elastico omogeneo ed isotropo, definendo in ogni punto del sottosuolo e per il previsto schema di carico e con valore costante sull'impronta di fondazione, i valori delle corrispondenti tensioni indotte.
Il cedimento di un punto della superficie è calcolato integrando la deformazione verticale $\square_z$ con:

$$z \quad \frac{1}{E'} \quad {}'_z \quad {}'_x \quad {}'_y$$

dove $\square$ è il rapporto di Poisson.
L'integrazione è estesa alla cosiddetta "zona attiva" di profondità Hc.
In pratica, è stato suddiviso il terreno al di sotto della fondazione in strati di spessore $\square$zi, valutando il cedimento dello strato i-esimo; il cedimento complessivo è la somma dei cedimenti dei singoli strati.
L'analisi è estesa alla profondità corrispondente al valore del rapporto $\square\square/\square\square 0$ pari al 10%.

Nel caso di un'area circolare di raggio R risulta:

$$S \quad p \quad R \quad \frac{I}{E'}$$

Nel caso di un'area di carico rettangolare di lato minore pari a B risulta:

$$S \quad p \quad B \quad 1 \quad {}^{2} \quad \frac{I}{E'}$$

Il coefficiente I è un "coefficiente di influenza" che dipende dall'estensione della zona attiva, dal rapporto di Poisson e dal punto considerato.
I coefficienti di influenza sono tabulati da diversi autori per diverse geometrie di carico (Terzaghi, 1943; Milovic&Tournier, 1971; Tsytovich, 1976). Si veda: Poulos&Davis, 1974, *Elastic Solutions for*

Soil and Rock Mechanics; Lancellotta, 1993, *Geotecnica*).

Il calcolo dei cedimenti per terreni coesivi è stato calcolato in modo empirico sulla base di dati di letteratura.

Denotando con S_{ed} il cedimento edometrico, si è assunto:

- per terreni coesivi normalmente consolidati (Simons&Sons, 1970; Lancellotta, 1993):

$$S_i \quad 0.1 \quad S_{ed} \qquad S_c \quad S_{ed}$$

- per terreni coesivi sovraconsolidati (Burland, 1977; Lancellotta, 1993):

$$S_i \quad 0.6 \quad S_{ed} \qquad S_c \quad 0.4 \quad S_{ed}$$

Dimensioni della fondazione e spessore dello strato comprimibile

B [m]	L [m]	D_f [m]	σ'_{vo} [kPa]	q' [kPa]	$\Delta q'$ [kPa]	Hc [m]
5.20	*32.00*	*2.00*	*42.00*	*195*	*153*	*26.00*

Tensioni indotte

strato [-]	Δz [m]	z_i [m]	M [-]	N [-]	V [-]	V1 [-]	$\Delta\Delta_{zi}$ [-]	$\Delta\Delta_{zi}$ [kPa]
a	*0.50*	*2.25*	*10.400*	*64.000*	*4205.160*	*443023*	*1.00*	*152.9*
b	*0.50*	*2.75*	*3.467*	*21.333*	*468.129*	*5469.4*	*0.99*	*151.6*
c	*0.50*	*3.25*	*2.080*	*12.800*	*169.166*	*708.84*	*0.96*	*147.4*
d	*1.00*	*4.00*	*1.300*	*8.000*	*66.690*	*108.160*	*0.89*	*136.2*
e	*1.00*	*5.00*	*0.867*	*5.333*	*30.196*	*21.365*	*0.77*	*117.7*
f	*1.00*	*6.00*	*0.650*	*4.000*	*17.423*	*6.760*	*0.66*	*100.5*
g	*2.00*	*7.50*	*0.473*	*2.909*	*9.686*	*1.891*	*0.52*	*80.3*
h	*2.00*	*9.50*	*0.347*	*2.133*	*5.671*	*0.547*	*0.40*	*61.8*
i	*2.00*	*11.50*	*0.274*	*1.684*	*3.911*	*0.212*	*0.32*	*49.3*
l	*2.00*	*13.50*	*0.226*	*1.391*	*2.987*	*0.099*	*0.26*	*40.4*
m	*2.00*	*15.50*	*0.193*	*1.185*	*2.442*	*0.052*	*0.22*	*33.8*
n	*4.00*	*18.50*	*0.158*	*0.970*	*1.965*	*0.023*	*0.17*	*26.4*
o	*4.00*	*22.50*	*0.127*	*0.780*	*1.625*	*0.010*	*0.13*	*19.7*
p	*8.00*	*28.50*	*0.098*	*0.604*	*1.374*	*0.004*	*0.09*	*13.4*
q	*8.00*	*36.50*	*0.075*	*0.464*	*1.221*	*0.001*	*0.06*	*8.7*

Cedimento istantaneo e di consolidazione

strato [-]	Δz_i [m]	z_i [m]	σ'_{vi} [kPa]	$\Delta\sigma_{zi}$ [kPa]	*E* [MPa]	K_0 [-]	ν [-]	*Tipo terreno*	S_i [mm]	S_C [mm]	S_t [mm]	S_{ED} [mm]
a	0.50	2.25	47.3	152.9	40.0	0.38	0.20	NC	1.6	-	1.6	-
b	0.50	2.75	57.8	151.6	40.0	0.38	0.20	NC	1.6	-	1.6	-
c	0.50	3.25	68.3	147.4	40.0	0.38	0.20	NC	1.6	-	1.6	-
d	1.00	4.00	84.0	136.2	50.1	0.38	0.20	NC	2.3	-	2.3	-
e	1.00	5.00	105.0	117.7	58.6	0.38	0.20	NC	1.7	-	1.7	-
f	1.00	6.00	126.0	100.5	66.6	0.38	0.20	NC	1.3	-	1.3	-
g	2.00	7.50	157.5	80.3	77.9	0.38	0.20	NC	1.7	-	1.7	-
h	2.00	9.50	199.5	61.8	91.9	0.38	0.20	NC	1.1	-	1.1	-
i	2.00	11.50	241.5	49.3	105.0	0.38	0.20	NC	0.8	-	0.8	-
l	2.00	13.50	283.5	40.4	117.5	0.38	0.20	NC	0.6	-	0.6	-
m	2.00	15.50	325.5	33.8	129.4	0.38	0.20	NC	0.4	-	0.4	-
n	4.00	18.50	388.5	26.4	146.5	0.38	0.20	NC	-	-	-	-
o	4.00	22.50	450.5	19.7	168.0	0.38	0.20	NC	-	-	-	-
p	8.00	28.50	523.6	13.4	198.2	0.38	0.20	NC	-	-	-	-
q	8.00	36.50	621.2	8.7	235.7	0.38	0.20	NC	-	-	-	-

Fondazione flessibile	***Cedimento immediato al centro della fondazione***	***14.8***
	Cedimento totale al centro della fondazione	***14.8***
	Cedimento immediato allo spigolo della fondazione	***3.7***
	Cedimento totale allo spigolo della fondazione	***3.7***
Fondazione rigida	***Cedimento immediato***	***11.1***
	Cedimento totale	***11.1***

Coefficiente di reazione del sottofondo		K_s [MN/m^3]
Fondazione flessibile	***Al centro della fondazione***	***13.2***
	Allo spigolo della fondazione	***52.7***
Fondazione rigida		***17.6***

LEGENDA

D_f	= profondità da p.c. del piano di posa della fondazione
B	= larghezza della fondazione
L	= lunghezza della fondazione
σ'_{vo}	= tensione verticale efficace alla quota di imposta della fondazione
q'	= pressione efficace lorda
$\Delta q'$	= pressione efficace netta
Hc	= spessore dello strato compressibile
Δz_i	= spessore dello strato iesimo
z_i	= profondità media dello strato iesimo
$(M, N)_i$	= fattori dimensionali dello strato iesimo
$(V, V1)_i$	= fattori dimensionali dello strato iesimo
$I_{\Delta z\, i}$	= fattore di dissipazione del carico dello strato iesimo
σ'_{vi}	= tensione verticale efficace alla profondità z_i
$\Delta\sigma_{zi}$	= incremento di tensione alla profondità z_i
E	= modulo di deformazione del terreno
K_0	= coefficiente di spinta orizzontale
ν	= coefficiente di Poisson
S_i	= cedimento istantaneo dello strato iesimo
S_c	= cedimento di consolidazione dello strato iesimo
S_t	= cedimento totale a fine consolidazione dello strato iesimo
K_s	= coefficiente di reazione del sottofondo

Nel caso in esame il valore del coefficiente di reazione del terreno K_s è stato assunto pari a 20000 kN/m^3.

5.3 CARATTERIZZAZIONE DELLA SISMICITÀ

La caratterizzazione sismica del sito in cui è inserita l'opera in oggetto viene effettuata sulla base delle indicazioni contenute nel D.M. 14/01/2008 (paragrafo 3.2).

I parametri sismici di base sono stati calcolati utilizzando il foglio di calcolo dedicato "*Spettri di risposta",* fornito dal Consiglio Sup. LL.PP. (http://www.cslp.it/cslp/), inserendo le coordinate geografiche dell'intervento in corrispondenza dell'opera in progetto:

Latitudine	38° 13' 49"
Longitudine	15° 39' 35"

5.3.1 PERIODO DI RIFERIMENTO PER L'AZIONE SISMICA

L'accelerazione orizzontale massima attesa al sito dipende dal periodo di riferimento considerato per la definizione dell'azione sismica.
In base alle indicazioni riportate nel paragrafo 2.4 del D.M. 14/01/2008 si scelgono i seguenti parametri di progetto:

Tipo di costruzione	2
Vita nominale (V_N)	50 anni
Classe d'uso	III
Coefficiente d'uso (C_U)	1.5

Pertanto il periodo di riferimento per l'azione sismica vale:

$$V_R \quad V_N \quad C_U \quad 50 \quad 1.5 \quad 75 \text{ anni}$$

5.3.2 PARAMETRI SISMICI DI BASE

In base alla posizione del sito in esame ed al periodo di riferimento considerato, si ottengono i seguenti parametri sismici di base:

STATO LIMITE	T_R [anni]	a_g [g]	F_O [-]	T_C^* [sec]
SLO	45	0.079	2.307	0.291
SLD	75	0.105	2.297	0.313
SLV	712	0.299	2.441	0.378
SLC	1462	0.397	2.481	0.410

dove: T_R = periodo di ritorno associato allo Stato Limite considerato;

a_g = accelerazione orizzontale massima in condizioni di campo libero su sito di riferimento rigido con superficie topografica orizzontale;

F_O = valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T_C^* = periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale.

5.3.3 STATI LIMITE DI RIFERIMENTO

Nel caso delle strutture in genere e delle opere di sostegno (muri, paratie) devono essere verificati i seguenti Stati Limite:

- **SLD** (Stato Limite di Danno), associato alle verifiche a Stato Limite di Esercizio;
- **SLV** (Stato Limite di salvaguardia della Vita), associato alle verifiche a Stato Limite Ultimo.

5.3.4 CATEGORIE DI SOTTOSUOLO E CONDIZIONI TOPOGRAFICHE

Ai fini della definizione dell'azione sismica di progetto, si rende necessario valutare l'effetto della risposta sismica locale mediante un approccio semplificato che si basa sull'individuazione delle categorie di sottosuolo di riferimento indicate nella Tabella 3.2.II del D.M. 14/01/2008.

Categoria	Descrizione
A	*Ammassi rocciosi affioranti o terreni molto rigidi* caratterizzati da valori di $V_{s,30}$ superiori a 800 m/s, eventualmente comprendenti in superficie uno strato di alterazione, con spes-sore massimo pari a 3m.
B	*Rocce tenere e depositi di terreni a grana grossa molto addensati o terreni a grana fina molto consistenti,* con spessori superiori a 30m, caratterizzati da un graduale migliora-mento delle proprietà meccaniche con la profondità e da valori di $V_{s,30}$ compresi tra 360m/s e 800m/s (ovvero $N_{SPT,30}$ > 50 nei terreni a grana grossa e $c_{u,30}$ > 250 kPa nei terreni a grana fina).
C	*Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina media-mente consistenti,* con spessori superiori a 30m, caratterizzati da un graduale migliora-mento delle proprietà meccaniche con la profondità e da valori di $V_{s,30}$ compresi tra 180m/s e 360m/s (ovvero 15 < $N_{SPT,30}$ < 50 nei terreni a grana grossa e 70 < $c_{u,30}$ < 250 kPa nei terreni a grana fina).
D	*Depositi di terreni a grana grossa scarsamente addensati o di terreni a grana fina scarsa-mente consistenti*, con spessori superiori a 30m, caratterizzati da un graduale migliora-mento delle proprietà meccaniche con la profondità e da valori di $V_{s,30}$ inferiori a 180m/s (ovvero $N_{SPT,30}$ < 15 nei terreni a grana grossa e $c_{u,30}$ < 70 kPa nei terreni a grana fina).
E	*Terreni dei sottosuoli di tipo C o D per spessore non superiore a 20m*, posti sul substrato di riferimento(con V_s > 800 m/s).

In base alla caratterizzazione geotecnica del sito in cui sorge l'opera in progetto, il sottosuolo di progetto rientra nella **Categoria C**.

5.3.4.1 COEFFICIENTE DI AMPLIFICAZIONE STRATIGRAFICA

Il coefficiente di amplificazione stratigrafica (S_S) può essere calcolato in funzione dei valori di F_O e T_C* relativi al sottosuolo di Categoria A, mediante le espressioni fornite nella Tabella 3.2.V del D.M. 14/01/2008.

Operando una semplificazione a favore di sicurezza, si assume come valore del coefficiente di amplificazione, per le componenti orizzontali del sisma, il limite superiore di suddetta tabella.

Pertanto si ha:

Categoria di sottosuolo	**A**	**B**	**C**	**D**	**E**
Coefficiente S_S	1.00	1.20	1.50	1.80	1.60

Per le componenti verticali del sisma, il coefficiente S_S assume sempre il valore unitario.

5.3.4.2 COEFFICIENTE DI AMPLIFICAZIONE TOPOGRAFICA

In accordo con la Tabella 3.2.IV del D.M. 14/01/2008, le caratteristiche topografiche del sito in cui sorge l'opera in progetto rientrano nella **Categoria T1** (*"Superficie pianeggiante, pendii e rilievi isolati con inclinazione media i≤15°"*).
Tenendo conto delle condizioni topografiche ed in assenza di specifiche analisi di risposta sismica locale, il valore del coefficiente di topografia (S_T) assume quindi un valore unitario, in accordo con quanto riportato nella Tabella 3.2.VI del D.M. 14/01/2008.

5.3.5 PARAMETRI PER LE VERIFICHE DI STABILITÀ DEL PENDIO

Per le verifiche di stabilità globale del pendio a monte del muro di sostegno si è invece considerata sia l'accelerazione orizzontale che quella verticale. Il valore del coefficiente β_S può essere ottenuto direttamente dalla Tabella 7.11.I del D.M. 14/02/2008, in quanto l'accelerazione sismica attesa per quest'opera non supera il valore massimo considerato nella suddetta tabella (pari a 0.4g): nel calcolo dei coefficienti sismici a SLV si è assunto β_s = 0.28:

$$k_h = \beta_s \cdot \frac{a_{max}}{g} = 0.126 \qquad k_v = \pm 0.5 \cdot k_s = \pm 0.063$$

6 FASI COSTRUTTIVE

Vengono elencate di seguito le fasi di realizzazione delle opere a valle dell'Autostrada esistente, in fregio alla carreggiata direzione Reggio Calabria:

1. Realizzazione dei micropali e del cordolo di testa della paratia provvisoria;
2. Sbancamento del terreno a valle della paratia provvisoria: durante tale fase si dovrà procedere alla posa in opera dei contrasti sulla paratia provvisoria secondo le modalità previste nella relazione di calcolo;
3. Demolizione della parte terminale del tombino esistente;
4. Realizzazione del nuovo pozzetto n°1;
5. Sbancamento del terreno nella zone del nuovo pozzetto di caduta n°2 e del muro di sostegno;
6. Realizzazione del nuovo pozzetto di caduta n°2;
7. Realizzazione del tratto di tombino scatolare compreso tra il pozzetto di caduta n°2 ed il muro di sostegno;
8. Realizzazione del muro di sostegno del rilevato della Rampa G ai lati del nuovo tombino scatolare;
9. Ricoprimento del tombino tra il muro di sostegno ed il pozzetto di caduta n°2 per la realizzazione di parte del rilevato della Rampa G;
10. Realizzazione del tratto di tombino scatolare compreso tra il pozzetto di caduta n°2 ed il pozzetto n°1;
11. Ricoprimento del tombino tra il pozzetto di caduta n°2 ed il pozzetto n°1;
12. Demolizione del cordolo e della testa della paratia provvisoria e rimodellazione del terreno a lato dell'Autostrada A3.

7 ANALISI TOMBINO SCATOLARE

7.1 ANALISI DEI CARICHI

7.1.1 PESO PROPRIO DELLO SCATOLARE

Il peso proprio è valutato in ragione di 25.00 kN/m^3 ed è computato automaticamente dal programma di calcolo nella condizione di carico ***PROPRI***.

7.1.2 CARICHI PERMANENTI SULLA SOLETTA SUPERIORE

Sulla soletta è presente un ricoprimento totale di spessore 6.00 m, comprendente lo strato più addensato del pacchetto di pavimentazione stradale (binder e usura) ed il terreno di ricoprimento.

	¤ [kN/m^3]	H [m]
Strato di binder e usura	30	0.10
Terreno di ricoprimento	20	5.90
Carico su soletta =	**121.00**	**kN/m^2**

Tale carico viene inserito nel programma di calcolo nella condizione di carico ***PERSUP***.

7.1.3 SPINTE DEL TERRENO E DEI SOVRACCARICHI PERMANENTI

La spinta del terreno e dei sovraccarichi permanenti viene valutata in base alle caratteristiche geotecniche del rilevato.

Si considera sia la condizione di spinta attiva (formulazione secondo Rankine) sia la condizione di spinta a riposo (formulazione secondo Jaky). Inoltre, in fase di combinazioni di carico, verrà valutata la possibilità di uno squilibrio delle spinte tra destra e sinistra dello scatolare per valutare gli effetti di un diverso grado di compattazione del rilevato.

Per il calcolo delle spinte si utilizzeranno i coefficiente definiti dalle seguenti formule:

- Spinta a riposo: $K_0 \quad 1 \quad sen(\ )$
- Spinta attiva: $K_a \quad tan \ /_4 \quad /_2$

dove: ¤ = angolo di attrito interno del terreno da rilevato (definito in precedenza).

Secondo il D.M. 14/01/2008 in alcune combinazioni a Stato Limite Ultimo (tipo GEO) è necessaria la parzializzazione dell'angolo di attrito del terreno: le grandezze derivate da tale assunzione verranno indicate in tabella con il pedice "*d*".

Pertanto si avrà:

	¤ [°]	K_0 [-]	K_a [-]
Parametri normali	38.00	0.38	0.24
Parametri parzializzati	32.01	0.47	0.31

La spinta del terreno e dei sovraccarichi permanenti risulta essere un carico distribuito lungo i piedritti con andamento linearmente variabile con la profondità. Si riportano i contributi In termini di pressioni (da inserire nel programma di calcolo SAP2000):

- a riposo: $S_{t(r)}$ K_0 ($_{pav}$ H_{pav} $_t$ H_{ril})
- attiva: $S_{t(a)}$ K_a ($_{pav}$ H_{pav} $_t$ H_{ril})

dove: K_0 = coefficiente di spinta a riposo;

K_a = coefficiente di spinta attiva;

$¤_{pav}$ = peso specifico della pavimentazione stradale (pari a 30.00 kN/m^3);

$¤_t$ = peso specifico del terreno da rilevato;

H_{pav} = spessore della pavimentazione stradale (pari a 10 cm);

H_{ril} = spessore del rilevato (esclusa la pavimentazione) rispetto alla quota di progetto.

Si ottengono i seguenti valori:

	H_{ril} [m]	$S_{t(r)}$ [kN/m^2]	$S_{t(r)-d}$ [kN/m^2]	$S_{t(a)}$ [kN/m^2]	$S_{t(a)-d}$ [kN/m^2]
Pressione a quota linea media soletta	6.3	48.81	59.69	30.21	39.01
Pressione a quota linea media contros.	10.00	77.25	94.47	47.81	61.74

Tali carichi vengono inseriti nel programma di calcolo nelle condizioni di carico ***SPT-SX*** (spinte a riposo sul piedritto di sinistra), ***SPTKa-SX*** (spinte attive sul piedritto di sinistra), ***SPT-DX*** (spinte a riposo sul piedritto di destra), ***SPTKa-DX*** (spinte attive sul piedritto di destra), ***SPTd-SX*** (spinte a riposo sul piedritto di sinistra con angolo di attrito parzializzato), ***SPTKad-SX*** (spinte attive sul piedritto di sinistra con angolo di attrito parzializzato), ***SPTd-DX*** (spinte a riposo sul piedritto di destra con angolo di attrito parzializzato) e ***SPTKad-DX*** (spinte attive sul piedritto di destra con angolo di attrito parzializzato).

7.1.4 SOVRACCARICO ACCIDENTALE SULLA SOLETTA SUPERIORE

Il sovraccarico accidentale agente sulla soletta superiore è costituito dalla corsia di traffico n°1, come definita in D.M. 14/01/2008 paragrafo 5.1.3.3, opportunamente diffusa nello strato di ricoprimento superiore.

In particolare, la colonna di carico risulta agente a livello della pavimentazione stradale superiore e composta da 2 assi in tandem (Q_{1k}=300kN) e da un carico uniformemente distribuito (q_{1k}=9.00kN/m^2). Con una opportuna diffusione, il carico accidentale agente sulla soletta viene calcolato secondo la seguente espressione:

$$Q_{acc\ sup} \quad \frac{2 \quad Q_{1k}}{B_l \quad B_t} \quad q_{1k}$$

con: $B_l \quad 1.60 \quad 2 \ [H_{ric} \quad tg(\ ) \quad s_{sol} / 2 \quad tg(\ )]$

$B_t \quad 2.40 \quad 2 \ [H_{ric} \quad tg(\ ) \quad s_{sol} / 2 \quad tg(\ )]$

dove: B_l = lunghezza di diffusione in longitudinale (rispetto alla colonna di carico);

B_t = lunghezza di diffusione in trasversale (rispetto alla colonna di carico);

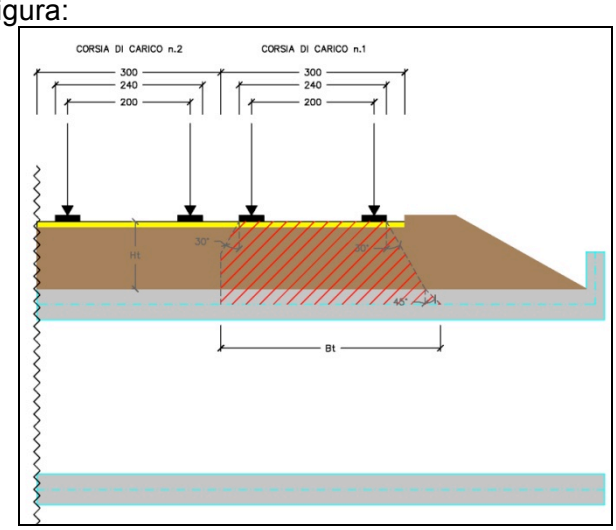
H_{ric} = spessore del ricoprimento;

s_{sol} = spessore della soletta superiore;

= angolo di diffusione del carico nel ricoprimento (rispetto alla verticale);

= angolo di diffusione del carico nella soletta di cls (rispetto alla verticale).

Il carico viene diffuso fino all'asse medio della soletta con un angolo d'inclinazione rispetto alla verticale di nel ricoprimento superiore e di nella soletta in cls. Inoltre, a favore di sicurezza, la lunghezza di diffusione in trasversale viene limitata da un lato dalla "Corsia di Carico n°2", come riportato nella seguente figura:



In base a quanto esposto, si ottengono i seguenti valori:

Angolo di diffusione nel rilevato	◘	=	30	°
Angolo di diffusione nella soletta di cls	◘	=	45	°
Spessore del ricoprimento	H_{ric}	=	6.00	m
Spessore della soletta superiore	s_{sol}	=	0.60	m
Lunghezza di diffusione longitudinale	B_l	=	9.13	m
Lunghezza di diffusione trasversale	B_t	=	6.46	m
Carico accidentale superiore su soletta	$Q_{acc\text{-}sup}$	=	19.17	kN/m^2

Tale carico viene inserito nel programma di calcolo nella condizione di carico ***ACCSUP***.

7.1.5 SPINTE DEL TERRENO DOVUTE AL SOVRACCARICO ACCIDENTALE

Il sovraccarico accidentale agente sul terreno a lato della struttura è costituito dal carico uniformemente distribuito q_{1k} e dai carichi tandem Q_{1k} (applicati su una superficie rettangolare di dimensioni 3.00m ◘ 2.20m); sul lato opposto agisce solamente il carico uniformemente distribuito q_{1k}.

Sul piedritto di sinistra si genera un carico linearmente variabile con la profondità: la variazione dell'intensità della forza tra la testa e il piede del piedritto è connessa alla diffusione verticale del sovraccarico accidentale. Si riportano i contributi In termini di pressioni (da inserire nel programma di calcolo SAP2000):

PIEDRITTO SINISTRO	H [m]	$S_{a(r)}$ [kN/m^2]	$S_{a(r)\text{-}d}$ [kN/m^2]	$S_{a(a)}$ [kN/m^2]	$S_{a(a)\text{-}d}$ [kN/m^2]
Pressione a quota linea media soletta	6.30	7.29	8.92	4.51	5.83
Pressione a quota linea media contros.	10.00	6.58	8.04	4.07	5.26

Sul piedritto di destra si genera un carico linearmente costante con la profondità. Si riportano i contributi In termini di pressioni (da inserire nel programma di calcolo SAP2000):

PIEDRITTO DESTRO	$S_{a(r)}$ [kN/m^2]	$S_{a(r)\text{-}d}$ [kN/m^2]	$S_{a(a)}$ [kN/m^2]	$S_{a(a)\text{-}d}$ [kN/m^2]
Pressione costante con la profondià	3.46	4.23	2.14	2.76

Tali carichi vengono inseriti nel programma di calcolo nelle condizioni di carico ***SPA-SX*** (spinte a riposo sul piedritto di sinistra), ***SPAKa-SX*** (spinte attive sul piedritto di sinistra), ***SPA-DX*** (spinte a riposo sul piedritto di destra), ***SPAKa-DX*** (spinte attive sul piedritto di destra), ***SPAd-SX*** (spinte a riposo sul piedritto di sinistra con angolo di attrito parzializzato), ***SPAKad-SX*** (spinte attive sul piedritto di sinistra con angolo di attrito parzializzato), ***SPAd-DX*** (spinte a riposo sul piedritto di destra con angolo di attrito parzializzato) e ***SPAKad-DX*** (spinte attive sul piedritto di destra con angolo di attrito parzializzato).

7.1.6 FORZA DI FRENAMENTO SULLA SOLETTA SUPERIORE

L'azione di frenamento viene considerata come un carico di intensità pari a (D.M. 14/01/2008, formula 5.1.4):

$$F_{fren} \quad 0.6 \ (2 \ Q_{1k}) \quad 0.1 \ q_{1k} \ w_1 \ L_c \ [kN]$$

dove: Q_{1k} = carico tandem della corsia n°1 pari a 300 kN;

q_{1k} = carico uniformemente distribuito della corsia n°1 pari a 9.00 kN/m^2;

w_1 = larghezza convenzionale della corsia n°1 pari a 3.00 m;

L_c = larghezza di calcolo dello scatolare pari a 2.30 m.

Tale carico viene diffuso attraverso il ricoprimento superiore secondo lo schema di diffusione precedentemente utilizzato nel paragrafo *"Sovraccarico accidentale sulla soletta superiore"* e inserito nel programma di calcolo nella condizione di carico ***FREN***.

7.1.7 CARICO IDRAULICO INTERNO ALLO SCATOLARE

Il carico idraulico agente sulla controsoletta è costituito dal peso dell'acqua che riempie completamente lo scatolare. Nel programma di calcolo si utilizza un carico uniformemente distribuito sulla larghezza interna netta della controsoletta pari a:

	γ_w [kN/m^3]	H_{int} [m]	Q_{w-i} [kN/m^2]
Carico idraulico interno	10	3.00	30.00

Il carico idraulico genera inoltre sulle pareti dello scatolare delle spinte idrostatiche: nel programma di calcolo si utilizza un carico linearmente variabile di intensità massima pari a Q_{w-i} a livello estradosso controsoletta e intensità nulla a livello intradosso soletta superiore.

Tali carichi vengono inseriti nel programma di calcolo nella condizione di carico ***IDRO***.

7.1.8 VARIAZIONI TERMICHE SULLA SOLETTA SUPERIORE

Sulla soletta superiore viene considerato agente un carico termico composto da una variazione uniforme di temperatura (ΔT_{unif}) e da una variazione linearmente variabile tra intradosso ed estradosso (δT_{var}) pari a:

Variazione uniforme di temperatura (ΔT_{unif})	10.00 °C
Variazione linearmente variabile (δT_{var})	± 5.00 °C

Tali carichi vengono inserite rispettivamente nelle condizioni di carico ***TEMPUNI*** e ***TEMPVAR***.

7.1.9 AZIONI SISMICHE

Le azioni sismiche vengono calcolate sulla base dei parametri sismici stimati nel capitolo dedicato "*Caratterizzazione sismica del sito*". Poichè la struttura è ragionevolmente considerata rigida, i carichi sismici si traducono in incrementi dei carichi di tipo G1 (elementi strutturali, carichi permanenti, spinte indotte dal terreno) e G3 (carico idraulico interno allo scatolare, se presente).

7.1.9.1 SOVRACCARICHI SISMICI DA PESO PROPRIO

Il peso proprio degli elementi dello scatolare in c.a. viene incrementato tramite i seguenti opportuni coefficienti:

- Coefficiente sismico orizzontale (K_H): $K_H \quad {}_m \; S_S \; S_T \; a_g / g$
- Coefficiente sismico verticale (K_V): $K_V \quad 0.5 \; {}_m \; S_S \; S_T \; a_g / g$

dove: $_m$ = coefficiente di riduzione dell'accelerazione massima attesa al sito (pari a 1);

S_S = coefficiente di amplificazione stratigrafica;

S_T = coefficiente di amplificazione topografica;

a_g = accelerazione massima attesa al sito per lo Stato Limite considerato;

g = accelerazione di gravità.

Si ha pertanto:

	K_H	K_V
SLD	0.13	0.05
SLV	0.36	0.15

Tali carichi vengono inseriti nelle condizioni di carico ***G1-SLD-X*** (componente sismica orizzontale a Stato Limite di Danno), ***G1-SLD-Z*** (componente sismica verticale a Stato Limite di Danno), ***G1-SLV-X*** (componente sismica orizzontale a Stato Limite di salvaguardia della Vita) e ***G1-SLV-Z*** (componente sismica verticale a Stato Limite di salvaguardia della Vita).

7.1.9.2 SOVRACCARICHI SISMICI PERMANENTI

Analogamente al peso proprio, il sovraccarico sismico permanente è ottenuto moltiplicando il carico permanente sulla soletta superiore per i coefficienti simici orizzontali e verticali.
Tali carichi vengono inseriti nelle condizioni di carico ***G1-SLD-X*** (componente sismica orizzontale a Stato Limite di Danno), ***G1-SLD-Z*** (componente sismica verticale a Stato Limite di Danno), ***G1-SLV-X*** (componente sismica orizzontale a Stato Limite di salvaguardia della Vita) e ***G1-SLV-Z*** (componente sismica verticale a Stato Limite di salvaguardia della Vita).

7.1.9.3 SOVRASPINTE SISMICHE DEL TERRENO E DEI SOVRACCARICHI PERMANENTI

Si considera che durante il sisma si generi uno stato di spinta attiva sul piedritto di sinistra ed uno stato di parziale spinta passiva sul piedritto di destra. Pertanto analiticamente si procederà al calcolo dell'incremento di spinta attiva sul piedritto di sinistra, mentre in fase di combinazioni di carico si simulerà la parziale mobilitazione della spinta passiva sul piedritto di destra con la spinta a riposo.
L'incremento della spinta attiva sismica presenta un andamento linearmente variabile con la profondità; in termini di pressioni viene analiticamente definito come segue:

$$S_t \quad (1 \quad k_v) \quad K_a \quad (\quad _{pav} \quad H_{pav} \quad \quad _t \quad H_{ril})$$

dove: k_v = coefficiente sismico verticale (definito al paragrafo 7.1.9.1);

δK_a = incremento del coefficiente di spinta attiva dovuta al sisma;

$\square_{pav}$ = peso specifico della pavimentazione stradale (pari a 30.00 kN/m^3);

$\square_t$ = peso specifico del terreno da rilevato;

H_{pav} = spessore della pavimentazione stradale (pari a 10 cm);

H_{ril} = spessore del rilevato (esclusa la pavimentazione) rispetto alla quota di progetto.

Si sottolinea che il coefficiente δK_a viene valutato come la differenza tra il coefficiente di spinta attiva in fase sismica (formulazione di Mononobe e Okabe) ed il coefficiente di spinta attiva in fase

statica (formulazione di Rankine). Analiticamente, le espressioni del coefficiente δK_a risultano essere le seguenti:

$$K_a \quad \frac{\text{sen}^2(\quad)}{\cos \quad \text{sen}^2 \quad \text{sen}(\quad) \quad 1 \quad \sqrt{\frac{\text{sen} \quad \text{sen}(\quad)}{\text{sen}(\quad) \quad \text{sen} \quad)}}^{\,2}} \quad \tan \frac{}{4} \quad \frac{}{2} \qquad \text{se} \quad \theta$$

$$K_a \quad \frac{\text{sen}^2(\quad)}{\cos \quad \text{sen}^2 \quad \text{sen}(\quad)} \quad \tan \frac{}{4} \quad \frac{}{2} \qquad \text{se} \quad < \theta$$

dove: Ψ = angolo d'inclinazione dei ritti rispetto all'orizzontale (pari a 90°);

$$\quad = \text{angolo di attrito del terreno;}$$

θ = angoli definiti dall'espressione: $\arctan \frac{k_h}{1 \quad k_v}$;

Tali carichi vengono inseriti nelle condizioni di carico ***G1-SLD-X*** (sovraspinta sismica a Stato Limite di Danno) e ***G1-SLV-X*** (sovraspinta sismica a Stato Limite di salvaguardia della Vita).

7.1.9.4 SOVRACCARICHI SISMICI DOVUTI AL CARICO IDRAULICO INTERNO ALLO SCATOLARE

Il carico idraulico interno allo scatolare provoca durante il sisma un incremento di spinta su una parete dello scatolare (a seconda della direzione del sisma). Tale incremento si somma alla spinta idrostatica definita in precedenza e si assume linearmente variabile con la profondità secondo la seguente espressione:

$$S_{wi} \quad \frac{7}{8} \quad {}_w \quad K_H \quad H_i$$

dove: $_w$ = peso specifico dell'acqua;

H_i = altezza interna dello scatolare;

K_H = coefficiente sismico orizzontale per lo Stato Limite considerato.

Tali carichi vengono inseriti nelle condizioni di carico ***G1-SLD-X*** (sovraspinta sismica a Stato Limite di Danno) e ***G3-SLV-X*** (sovraspinta sismica a Stato Limite di salvaguardia della Vita).

7.2 MODELLO DI CALCOLO

7.2.1 PROGRAMMA DI CALCOLO UTILIZZATO

L'analisi è stata eseguita con un modello ad elementi finiti nel programma di calcolo ***Sap2000 Advanced Rel. 14.0.2 -*** *Programma di calcolo ad elementi finiti monodimensionali, bidimensionali e tridimensionali*.

La rielaborazione dei risultati dell'analisi è stata svolta tramite l'utilizzo di fogli di calcolo dedicati e del programma ***STS Stati Limite Rel. 1.1*** Distribuito dall'ing. Dante Sangalli con il quale sono state effettuate le verifiche sezionali previste da normativa (Stato Limite di Esercizio, Stato Limite di Fessurazione e Stato Limite Ultimo).

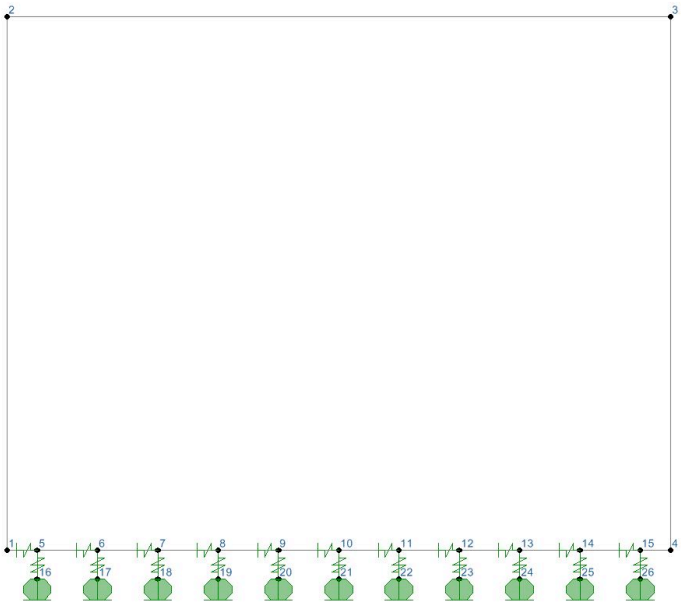
7.2.2 DESCRIZIONE DEL MODELLO DI CALCOLO

E' stato approntato un modello di calcolo con analisi non lineare al fine di schematizzare il terreno di fondazione con delle molle reagenti solo a compressione.

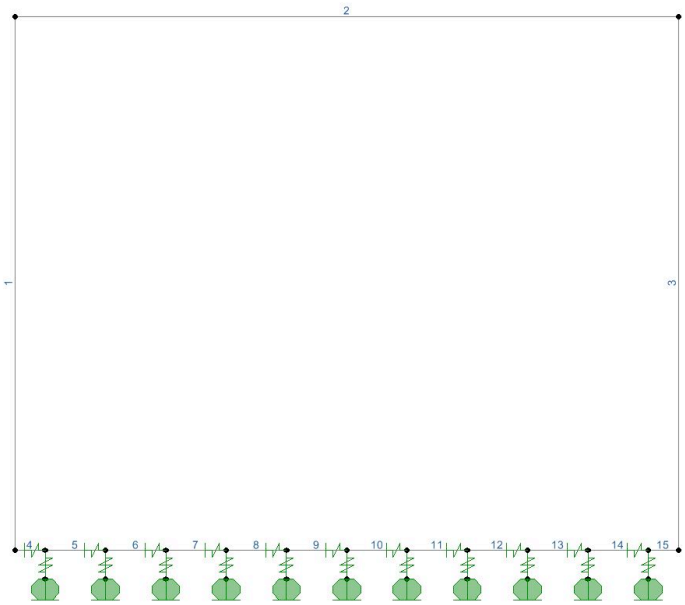
Lo scatolare è stato schematizzato con degli elementi finiti monodimensionali (*frame*): i frame hanno sezione rettangolare con altezza pari allo spessore dell'elemento schematizzato e base di lunghezza unitaria (1m).

La soletta ed i piedritti vengono schematizzati con l'utilizzo di un solo frame, mentre la fondazione (controsoletta) è schematizzata con l'utilizzo di più frame (i frame in fondazione hanno una lunghezza pari a circa 20 cm).

Sui nodi dei frame della controsoletta (eccezion fatta per i nodi in comune con i piedritti) vengono posizionate delle molle estensionali orizzontali per schematizzare l'interazione dell'opera con il terreno e delle frame verticali al cui estremo vengono aggiunte delle molle estensionali reagenti solo a compressione (*link*) in direzione verticale così da ottenere un adeguato vincolamento a terra della struttura (suolo elastico alla Winkler).



Modello di calcolo: numerazione dei nodi



Modello di calcolo: numerazione delle aste

7.3 COMBINAZIONI DI CARICO

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLE-QP-01	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-QP-02	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-QP-03	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-QP-04	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-QP-05	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-QP-06	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-QP-07	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-QP-08	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-QP-09	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-QP-10	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-QP-11	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-QP-12	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-QP-13	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-QP-14	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-QP-15	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-QP-16	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-QP-17	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-QP-18	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-QP-19	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-QP-20	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-QP-21	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-QP-22	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-QP-23	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-QP-24	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-QP-25	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-QP-26	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-QP-27	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-QP-28	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-QP-29	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-QP-30	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-QP-31	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-QP-32	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-01	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-FR-02	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-FR-03	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-FR-04	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-FR-05	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-FR-06	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-FR-07	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-FR-08	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-FR-09	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-FR-10	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-FR-11	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-FR-12	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-FR-13	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-FR-14	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-FR-15	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-FR-16	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-FR-17	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-FR-18	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-FR-19	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-FR-20	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-FR-21	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-FR-22	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-FR-23	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-FR-24	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-FR-25	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-FR-26	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLE-FR-27	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-FR-28	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-FR-29	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-FR-30	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-FR-31	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-FR-32	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-FR-33	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.50	0.50
SLE-FR-34	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.50	-0.50
SLE-FR-35	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-0.50	0.50
SLE-FR-36	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-37	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-FR-38	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-FR-39	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-FR-40	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-41	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.50	0.50
SLE-FR-42	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.50	-0.50
SLE-FR-43	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-0.50	0.50
SLE-FR-44	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-45	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-FR-46	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-FR-47	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-FR-48	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-49	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.50	0.50
SLE-FR-50	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.50	-0.50
SLE-FR-51	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-0.50	0.50
SLE-FR-52	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-53	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-FR-54	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-FR-55	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-FR-56	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-57	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.50	0.50
SLE-FR-58	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.50	-0.50
SLE-FR-59	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-0.50	0.50
SLE-FR-60	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-61	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-FR-62	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-FR-63	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-FR-64	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-65	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.50	0.50
SLE-FR-66	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.50	-0.50
SLE-FR-67	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-0.50	0.50
SLE-FR-68	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-0.50	-0.50
SLE-FR-69	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-FR-70	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-FR-71	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-FR-72	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-73	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.50	0.50
SLE-FR-74	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.50	-0.50
SLE-FR-75	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-0.50	0.50
SLE-FR-76	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-0.50	-0.50
SLE-FR-77	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-FR-78	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-FR-79	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-FR-80	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-81	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.50	0.50
SLE-FR-82	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.50	-0.50
SLE-FR-83	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-0.50	0.50
SLE-FR-84	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-0.50	-0.50

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLE-FR-85	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-FR-86	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-FR-87	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-FR-88	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-FR-89	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.50	0.50
SLE-FR-90	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.50	-0.50
SLE-FR-91	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-0.50	0.50
SLE-FR-92	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-0.50	-0.50
SLE-FR-93	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
SLE-FR-94	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
SLE-FR-95	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
SLE-FR-96	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLE-CAR-001	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-002	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-003	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-004	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-005	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-006	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-007	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-008	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-009	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	1.00	1.00
SLE-CAR-010	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-011	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-012	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-013	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-014	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-015	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-016	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-017	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	1.00	1.00
SLE-CAR-018	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-019	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-020	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-021	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-022	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-023	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-024	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-025	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-026	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-027	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-028	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-029	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-030	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-031	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-032	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-033	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	1.00	1.00
SLE-CAR-034	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-035	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-036	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-037	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-038	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-039	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-040	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-041	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	1.00	1.00
SLE-CAR-042	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-043	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-044	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-045	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-046	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLE-CAR-047	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-048	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-049	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-050	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-051	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-052	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-053	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-054	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-055	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-056	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-057	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	1.00	1.00
SLE-CAR-058	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	1.00	-1.00
SLE-CAR-059	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-1.00	1.00
SLE-CAR-060	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-1.00	-1.00
SLE-CAR-061	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-062	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-063	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-064	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-065	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	1.00	1.00
SLE-CAR-066	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	1.00	-1.00
SLE-CAR-067	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-1.00	1.00
SLE-CAR-068	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-1.00	-1.00
SLE-CAR-069	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-070	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-071	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-072	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-073	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-074	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-075	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-076	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-077	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-078	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-079	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-080	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-081	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	1.00	1.00
SLE-CAR-082	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	1.00	-1.00
SLE-CAR-083	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-1.00	1.00
SLE-CAR-084	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-1.00	-1.00
SLE-CAR-085	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-086	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-087	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-088	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-089	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	1.00	1.00
SLE-CAR-090	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	1.00	-1.00
SLE-CAR-091	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-1.00	1.00
SLE-CAR-092	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-1.00	-1.00
SLE-CAR-093	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLE-CAR-094	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLE-CAR-095	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLE-CAR-096	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLE-CAR-097	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-098	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-099	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-100	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-101	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-102	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-103	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-104	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLE-CAR-105	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-106	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-107	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-108	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-109	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-110	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-111	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-112	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-113	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.60	0.60
SLE-CAR-114	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-115	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-116	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-117	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-118	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-119	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-120	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-121	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.60	0.60
SLE-CAR-122	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-123	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-124	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-125	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-126	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-127	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-128	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-129	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.60	0.60
SLE-CAR-130	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.60	-0.60
SLE-CAR-131	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	-0.60	0.60
SLE-CAR-132	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	-0.60	-0.60
SLE-CAR-133	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-134	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-135	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-136	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-137	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.60	0.60
SLE-CAR-138	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.60	-0.60
SLE-CAR-139	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	-0.60	0.60
SLE-CAR-140	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	-0.60	-0.60
SLE-CAR-141	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-142	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-143	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-144	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-145	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.60	0.60
SLE-CAR-146	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.60	-0.60
SLE-CAR-147	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	-0.60	0.60
SLE-CAR-148	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	-0.60	-0.60
SLE-CAR-149	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-150	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-151	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-152	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLE-CAR-153	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.60	0.60
SLE-CAR-154	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.60	-0.60
SLE-CAR-155	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	-0.60	0.60
SLE-CAR-156	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	-0.60	-0.60
SLE-CAR-157	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLE-CAR-158	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLE-CAR-159	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLE-CAR-160	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
FESS-QP-01	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-QP-02	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
FESS-QP-03	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-QP-04	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-QP-05	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-QP-06	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-QP-07	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-QP-08	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-QP-09	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-QP-10	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-QP-11	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-QP-12	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-QP-13	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-QP-14	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-QP-15	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-QP-16	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-QP-17	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-QP-18	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-QP-19	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-QP-20	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-QP-21	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-QP-22	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-QP-23	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-QP-24	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-QP-25	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-QP-26	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-QP-27	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-QP-28	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-QP-29	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-QP-30	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-QP-31	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-QP-32	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-01	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
FESS-FR-02	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
FESS-FR-03	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
FESS-FR-04	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
FESS-FR-05	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
FESS-FR-06	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
FESS-FR-07	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
FESS-FR-08	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
FESS-FR-09	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
FESS-FR-10	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
FESS-FR-11	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
FESS-FR-12	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
FESS-FR-13	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
FESS-FR-14	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
FESS-FR-15	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
FESS-FR-16	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
FESS-FR-17	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
FESS-FR-18	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
FESS-FR-19	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
FESS-FR-20	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
FESS-FR-21	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
FESS-FR-22	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
FESS-FR-23	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
FESS-FR-24	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
FESS-FR-25	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
FESS-FR-26	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
FESS-FR-27	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
FESS-FR-28	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
FESS-FR-29	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
FESS-FR-30	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
FESS-FR-31	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
FESS-FR-32	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
FESS-FR-33	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.50	0.50
FESS-FR-34	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.50	-0.50
FESS-FR-35	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-0.50	0.50
FESS-FR-36	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-37	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-FR-38	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-FR-39	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-FR-40	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-41	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.50	0.50
FESS-FR-42	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.50	-0.50
FESS-FR-43	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-0.50	0.50
FESS-FR-44	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-45	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-FR-46	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-FR-47	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-FR-48	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-49	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.50	0.50
FESS-FR-50	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.50	-0.50
FESS-FR-51	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-0.50	0.50
FESS-FR-52	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-53	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-FR-54	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-FR-55	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-FR-56	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-57	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.50	0.50
FESS-FR-58	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.50	-0.50
FESS-FR-59	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-0.50	0.50
FESS-FR-60	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-61	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-FR-62	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-FR-63	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-FR-64	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-65	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.50	0.50
FESS-FR-66	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.50	-0.50
FESS-FR-67	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-0.50	0.50
FESS-FR-68	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-0.50	-0.50
FESS-FR-69	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-FR-70	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-FR-71	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-FR-72	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-73	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.50	0.50
FESS-FR-74	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	0.50	-0.50
FESS-FR-75	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-0.50	0.50
FESS-FR-76	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.75	0.00	0.00	-0.50	-0.50
FESS-FR-77	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-FR-78	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-FR-79	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-FR-80	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-81	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.50	0.50
FESS-FR-82	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.50	-0.50
FESS-FR-83	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-0.50	0.50
FESS-FR-84	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-0.50	-0.50
FESS-FR-85	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-FR-86	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50

FESS-FR-87	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-FR-88	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.00	0.75	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
FESS-FR-89	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.50	0.50
FESS-FR-90	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	0.50	-0.50
FESS-FR-91	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-0.50	0.50
FESS-FR-92	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.38	0.00	0.00	-0.50	-0.50
FESS-FR-93	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50
FESS-FR-94	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.50	-0.50
FESS-FR-95	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	0.50
FESS-FR-96	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.50
SLU-STR-001	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-002	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-003	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-004	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-005	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-006	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-007	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-008	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-009	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	0.00	1.20	1.20
SLU-STR-010	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	0.00	1.20	-1.20
SLU-STR-011	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	0.00	-1.20	1.20
SLU-STR-012	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-013	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-014	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-015	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-016	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-017	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	0.00	1.20	1.20
SLU-STR-018	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	0.00	1.20	-1.20
SLU-STR-019	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	0.00	-1.20	1.20
SLU-STR-020	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-021	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-022	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-023	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-024	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-025	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-026	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-027	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-028	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-029	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-030	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-031	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-032	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-033	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	0.00	1.20	1.20
SLU-STR-034	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	0.00	1.20	-1.20
SLU-STR-035	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	0.00	-1.20	1.20
SLU-STR-036	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-037	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-038	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-039	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-040	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-041	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	0.00	1.20	1.20
SLU-STR-042	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	0.00	1.20	-1.20
SLU-STR-043	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	0.00	-1.20	1.20
SLU-STR-044	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-045	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-046	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-047	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-048	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLU-STR-049	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-050	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-051	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-052	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-053	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-054	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-055	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-056	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-057	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	1.20	1.20
SLU-STR-058	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	1.20	-1.20
SLU-STR-059	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	-1.20	1.20
SLU-STR-060	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	-1.20	-1.20
SLU-STR-061	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-062	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-063	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-064	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-065	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	1.20	1.20
SLU-STR-066	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	1.20	-1.20
SLU-STR-067	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	-1.20	1.20
SLU-STR-068	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	1.01	0.00	0.00	-1.20	-1.20
SLU-STR-069	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-070	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-071	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-072	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-073	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-074	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-075	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-076	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-077	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-078	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-079	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-080	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-081	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	1.20	1.20
SLU-STR-082	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	1.20	-1.20
SLU-STR-083	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	-1.20	1.20
SLU-STR-084	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	-1.20	-1.20
SLU-STR-085	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-086	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-087	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-088	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.01	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-089	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	1.20	1.20
SLU-STR-090	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	1.20	-1.20
SLU-STR-091	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	-1.20	1.20
SLU-STR-092	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.51	0.00	0.00	-1.20	-1.20
SLU-STR-093	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.20	1.20
SLU-STR-094	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	1.20	-1.20
SLU-STR-095	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	1.20
SLU-STR-096	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.01	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-1.20
SLU-STR-097	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.72	0.72
SLU-STR-098	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.72	-0.72
SLU-STR-099	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	-0.72	0.72
SLU-STR-100	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-101	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72
SLU-STR-102	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	-0.72
SLU-STR-103	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.72
SLU-STR-104	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-105	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.72	0.72
SLU-STR-106	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	0.72	-0.72

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLU-STR-107	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	-0.72	0.72
SLU-STR-108	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-109	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72
SLU-STR-110	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	-0.72
SLU-STR-111	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.72
SLU-STR-112	1.35	1.35	1.35	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-113	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.72	0.72
SLU-STR-114	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.72	-0.72
SLU-STR-115	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	-0.72	0.72
SLU-STR-116	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-117	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72
SLU-STR-118	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	-0.72
SLU-STR-119	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.72
SLU-STR-120	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-121	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.72	0.72
SLU-STR-122	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.72	-0.72
SLU-STR-123	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	-0.72	0.72
SLU-STR-124	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-125	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72
SLU-STR-126	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	-0.72
SLU-STR-127	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.72
SLU-STR-128	1.35	1.35	1.35	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-129	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.72	0.72
SLU-STR-130	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.72	-0.72
SLU-STR-131	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	-0.72	0.72
SLU-STR-132	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	-0.72	-0.72
SLU-STR-133	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72
SLU-STR-134	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.72	-0.72
SLU-STR-135	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.72
SLU-STR-136	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-137	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.72	0.72
SLU-STR-138	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.72	-0.72
SLU-STR-139	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	-0.72	0.72
SLU-STR-140	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	-0.72	-0.72
SLU-STR-141	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72
SLU-STR-142	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.72	-0.72
SLU-STR-143	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.72
SLU-STR-144	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-145	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.72	0.72
SLU-STR-146	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.72	-0.72
SLU-STR-147	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	-0.72	0.72
SLU-STR-148	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	-0.72	-0.72
SLU-STR-149	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72
SLU-STR-150	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.72	-0.72
SLU-STR-151	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.72
SLU-STR-152	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	1.50	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-0.72
SLU-STR-153	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.72	0.72
SLU-STR-154	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	0.72	-0.72
SLU-STR-155	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	-0.72	0.72
SLU-STR-156	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	-0.72	-0.72
SLU-STR-157	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.72
SLU-STR-158	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.72	-0.72
SLU-STR-159	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.72
SLU-STR-160	1.35	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.68	0.00	0.00	1.35	1.35	0.00	0.00	1.35	1.35	0.00	1.35	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-0.72
SLU-GEO-001	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-002	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-003	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-004	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLU-GEO-005	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-006	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-007	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-008	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-009	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	0.00	1.00	1.00
SLU-GEO-010	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-011	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-012	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-013	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-014	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-015	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-016	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-017	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	0.00	1.00	1.00
SLU-GEO-018	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-019	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-020	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-021	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-022	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-023	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-024	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-025	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-026	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-027	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-028	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-029	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-030	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-031	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-032	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-033	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	0.00	1.00	1.00
SLU-GEO-034	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-035	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-036	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-037	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-038	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-039	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-040	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-041	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	0.00	1.00	1.00
SLU-GEO-042	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-043	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-044	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-045	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-046	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-047	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-048	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-049	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-050	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-051	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-052	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-053	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-054	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-055	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-056	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-057	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	1.00	1.00
SLU-GEO-058	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	1.00	-1.00
SLU-GEO-059	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	-1.00	1.00
SLU-GEO-060	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	-1.00	-1.00
SLU-GEO-061	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-062	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLU-GEO-063	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-064	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-065	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	1.00	1.00
SLU-GEO-066	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	1.00	-1.00
SLU-GEO-067	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	-1.00	1.00
SLU-GEO-068	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.86	0.00	0.00	-1.00	-1.00
SLU-GEO-069	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-070	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-071	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-072	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-073	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-074	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-075	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-076	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-077	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-078	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-079	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-080	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-081	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	1.00	1.00
SLU-GEO-082	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	1.00	-1.00
SLU-GEO-083	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	-1.00	1.00
SLU-GEO-084	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	-1.00	-1.00
SLU-GEO-085	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-086	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-087	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-088	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	0.86	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-089	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	1.00	1.00
SLU-GEO-090	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	1.00	-1.00
SLU-GEO-091	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	-1.00	1.00
SLU-GEO-092	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.43	0.00	0.00	-1.00	-1.00
SLU-GEO-093	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
SLU-GEO-094	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-1.00
SLU-GEO-095	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	1.00
SLU-GEO-096	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	0.86	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	-1.00	-1.00
SLU-GEO-097	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.60	0.60
SLU-GEO-098	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-099	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-100	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-101	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLU-GEO-102	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-103	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-104	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-105	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.60	0.60
SLU-GEO-106	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-107	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-108	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-109	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLU-GEO-110	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-111	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-112	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-113	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.60	0.60
SLU-GEO-114	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-115	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-116	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-117	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLU-GEO-118	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-119	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-120	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60

	G1													G3	Q1	Q2		Q3				Q4				3	
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	ACCINF	ACCSUP	FREN	SPA-SX	SPAKa-SX	SPAd-SX	SPAKad-SX	SPA-DX	SPAKa-DX	SPAd-DX	SPAKad-DX	TEMPUNI	TEMPVAR
SLU-GEO-121	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.60	0.60
SLU-GEO-122	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-123	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-124	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-125	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLU-GEO-126	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-127	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-128	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-129	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.60	0.60
SLU-GEO-130	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.60	-0.60
SLU-GEO-131	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	1.15	0.00	0.00	-0.60	0.60
SLU-GEO-132	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	1.15	0.00	0.00	-0.60	-0.60
SLU-GEO-133	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLU-GEO-134	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-135	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-136	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-137	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.60	0.60
SLU-GEO-138	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	1.15	0.00	0.00	0.60	-0.60
SLU-GEO-139	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	1.15	0.00	0.00	-0.60	0.60
SLU-GEO-140	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	1.15	0.00	0.00	-0.60	-0.60
SLU-GEO-141	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLU-GEO-142	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-143	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-144	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-145	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.60	0.60
SLU-GEO-146	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.60	-0.60
SLU-GEO-147	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.58	0.00	0.00	-0.60	0.60
SLU-GEO-148	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.58	0.00	0.00	-0.60	-0.60
SLU-GEO-149	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLU-GEO-150	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-151	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-152	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	1.30	1.15	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60
SLU-GEO-153	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.60	0.60
SLU-GEO-154	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.58	0.00	0.00	0.60	-0.60
SLU-GEO-155	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.58	0.00	0.00	-0.60	0.60
SLU-GEO-156	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.58	0.00	0.00	-0.60	-0.60
SLU-GEO-157	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60
SLU-GEO-158	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.60	-0.60
SLU-GEO-159	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	0.60
SLU-GEO-160	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.50	0.00	0.00	1.00	1.00	0.00	0.00	1.15	1.15	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.60

	G1													G3	3		E1				E2				
	PROPRI	PERSUP	PERINF	SPT-SX	SPTKa-SX	SPTd-SX	SPTKad-SX	SPT-DX	SPTKa-DX	SPTd-DX	SPTKad-DX	SPW-SX	SPW-DX	IDRO	TEMPUNI	TEMPVAR	G1-SLD-X	G1-SLD-Z	G3-SLD-X	G3-SLD-Z	G1-SLV-X	G1d-SLV-X	G1-SLV-Z	G3-SLV-X	G3-SLV-Z
SLE-SIS-01	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.50	0.50	1.00	0.30	1.00	0.30	0.00	0.00	0.00	0.00	0.00
SLE-SIS-02	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.50	-0.50	1.00	0.30	1.00	0.30	0.00	0.00	0.00	0.00	0.00
SLE-SIS-03	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	-0.50	0.50	1.00	0.30	1.00	0.30	0.00	0.00	0.00	0.00	0.00
SLE-SIS-04	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	-0.50	-0.50	1.00	0.30	1.00	0.30	0.00	0.00	0.00	0.00	0.00
SLE-SIS-05	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.50	0.50	1.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-06	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.50	-0.50	1.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-07	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	-0.50	0.50	1.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-08	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	-0.50	-0.50	1.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-09	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.50	0.50	0.30	1.00	0.30	1.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-10	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.50	-0.50	0.30	1.00	0.30	1.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-11	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	-0.50	0.50	0.30	1.00	0.30	1.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-12	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	-0.50	-0.50	0.30	1.00	0.30	1.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-13	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.50	0.50	0.30	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-14	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.50	-0.50	0.30	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-15	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	-0.50	0.50	0.30	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SLE-SIS-16	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	-0.50	-0.50	0.30	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SLU-SIS-01	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.50	0.50	0.00	0.00	0.00	0.00	1.00	0.00	0.30	1.00	0.30
SLU-SIS-02	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.50	-0.50	0.00	0.00	0.00	0.00	1.00	0.00	0.30	1.00	0.30
SLU-SIS-03	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	-0.50	0.50	0.00	0.00	0.00	0.00	1.00	0.00	0.30	1.00	0.30
SLU-SIS-04	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	-0.50	-0.50	0.00	0.00	0.00	0.00	1.00	0.00	0.30	1.00	0.30
SLU-SIS-05	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	1.00	0.00	0.30	0.00	0.00
SLU-SIS-06	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.50	-0.50	0.00	0.00	0.00	0.00	1.00	0.00	0.30	0.00	0.00
SLU-SIS-07	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	-0.50	0.50	0.00	0.00	0.00	0.00	1.00	0.00	0.30	0.00	0.00
SLU-SIS-08	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	-0.50	-0.50	0.00	0.00	0.00	0.00	1.00	0.00	0.30	0.00	0.00
SLU-SIS-09	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.50	0.50	0.00	0.00	0.00	0.00	0.30	0.00	1.00	0.30	1.00
SLU-SIS-10	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	0.50	-0.50	0.00	0.00	0.00	0.00	0.30	0.00	1.00	0.30	1.00
SLU-SIS-11	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	-0.50	0.50	0.00	0.00	0.00	0.00	0.30	0.00	1.00	0.30	1.00
SLU-SIS-12	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	1.00	-0.50	-0.50	0.00	0.00	0.00	0.00	0.30	0.00	1.00	0.30	1.00
SLU-SIS-13	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.30	0.00	1.00	0.00	0.00
SLU-SIS-14	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.50	-0.50	0.00	0.00	0.00	0.00	0.30	0.00	1.00	0.00	0.00
SLU-SIS-15	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	-0.50	0.50	0.00	0.00	0.00	0.00	0.30	0.00	1.00	0.00	0.00
SLU-SIS-16	1.00	1.00	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	0.00	-0.50	-0.50	0.00	0.00	0.00	0.00	0.30	0.00	1.00	0.00	0.00
SLU-SIS-17	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00	0.30
SLU-SIS-18	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.50	-0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00	0.30
SLU-SIS-19	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	-0.50	0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00	0.30
SLU-SIS-20	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	-0.50	-0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.30	1.00	0.30
SLU-SIS-21	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.30	0.00	0.00
SLU-SIS-22	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.50	-0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.30	0.00	0.00
SLU-SIS-23	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	-0.50	0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.30	0.00	0.00
SLU-SIS-24	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	-0.50	-0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.30	0.00	0.00
SLU-SIS-25	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.30	1.00	0.30	1.00
SLU-SIS-26	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.50	-0.50	0.00	0.00	0.00	0.00	0.00	0.30	1.00	0.30	1.00
SLU-SIS-27	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	-0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.30	1.00	0.30	1.00
SLU-SIS-28	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	-0.50	-0.50	0.00	0.00	0.00	0.00	0.00	0.30	1.00	0.30	1.00
SLU-SIS-29	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.30	1.00	0.00	0.00
SLU-SIS-30	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.50	-0.50	0.00	0.00	0.00	0.00	0.00	0.30	1.00	0.00	0.00
SLU-SIS-31	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	-0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.30	1.00	0.00	0.00
SLU-SIS-32	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	-0.50	-0.50	0.00	0.00	0.00	0.00	0.00	0.30	1.00	0.00	0.00

dove:

PROPRI	Peso proprio dello scatolare;
PERSUP	Carichi permanenti sulla soletta superiore;
PERINF	Carichi permanenti sulla soletta inferiore *(se presente)*;
SPT-SX	Spinte del terreno a riposo sul piedritto di sinistra;
SPTKa-SX	Spinte del terreno attive sul piedritto di sinistra;
SPTd-SX	Spinte del terreno a riposo sul piedritto di sinistra con angolo di attrito parzializzato;
SPTKad-SX	Spinte del terreno attive sul piedritto di sinistra con angolo di attrito parzializzato;
SPT-DX	Spinte del terreno a riposo sul piedritto di destra;
SPTKa-DX	Spinte del terreno attive sul piedritto di destra;
SPTd-DX	Spinte del terreno a riposo sul piedritto di destra con angolo di attrito parzializzato;
SPTKad-DX	Spinte del terreno attive sul piedritto di destra con angolo di attrito parzializzato;
SPW-SX	Spinta della falda freatica sul piedritto di sinistra (*se presente*);
SPW-DX	Spinta della falda freatica sul piedritto di sinistra (*se presente*);
IDRO	Carico idraulico interno allo scatolare *(se presente)*;
ACCINF	Carichi accidentali interni allo scatolare *(se presente)*;
ACCSUP	Carichi accidentali sulla soletta superiore;
FREN	Carichi da frenamento sulla soletta superiore;
SPA-SX	Spinte a riposo dovute ai sovraccarichi accidentali sul piedritto di sinistra;
SPAKa-SX	Spinte attive dovute ai sovraccarichi accidentali sul piedritto di sinistra;
SPAd-SX	Spinte a riposo dovute ai sovraccarichi accidentali sul piedritto di sinistra con angolo di attrito parzializzato;
SPAKad-SX	Spinte attive dovute ai sovraccarichi accidentali sul piedritto di sinistra con angolo di attrito parzializzato;
SPA-DX	Spinte a riposo dovute ai sovraccarichi accidentali sul piedritto di destra;
SPAKa-DX	Spinte attive dovute ai sovraccarichi accidentali sul piedritto di destra;
SPAd-DX	Spinte a riposo dovute ai sovraccarichi accidentali sul piedritto di destra con angolo di attrito parzializzato;
SPAKad-DX	Spinte attive dovute ai sovraccarichi accidentali sul piedritto di destra con angolo di attrito parzializzato;
TEMPUNI	Carico termico uniformi sulla soletta;

TEMPVAR	Gradiente termico sulla soletta;
G1-SLD-X	Azioni sismiche orizzontali dei carchi tipo G1 a Stato Limite di Danno;
G1-SLD-Z	Azioni sismiche verticali dei carchi tipo G1 a Stato Limite di Danno;
G3-SLD-X	Azioni sismiche orizzontali dei carchi tipo G3 a Stato Limite di Danno;
G3-SLD-Z	Azioni sismiche verticali dei carchi tipo G3 a Stato Limite di Danno;
G1-SLV-X	Azioni sismiche orizzontali dei carchi tipo G1 a Stato Limite di salvaguardia della Vita;
G1-SLV-Z	Azioni sismiche verticali dei carchi tipo G1 a Stato Limite di salvaguardia della Vita;
G3-SLV-X	Azioni sismiche orizzontali dei carchi tipo G3 a Stato Limite di salvaguardia della Vita;
G3-SLV-Z	Azioni sismiche verticali dei carchi tipo G3 a Stato Limite di salvaguardia della Vita.

7.4 VERIFICHE DI RESISTENZA DELLA SOLETTA

Nel presente capitolo vengono eseguite le verifiche strutturali della soletta superiore; si utilizza nelle verifiche una sezione rettangolare 100cm ◘ 60cm.

La sezione risulta armata come segue:

- Intradosso: ◘ 26 / 20 cm (ripartitori esterni: ◘ 12 / 20 cm)
- Estradosso: ◘ 26 / 20 cm (ripartitori esterni: ◘ 12 / 20 cm)

In base all'analisi effettuata con il software di calcolo ***SAP2000 Advanced***, si ricavano le seguenti sollecitazioni di verifica:

SOLLECITAZIONI A STATO LIMITE DI ESERCIZIO						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
2	**SLE-CAR-087 MAX**	2.091	-31.67	-20.97	280.49	*Momento massimo*
2	**SLE-CAR-126 MAX**	4.600	-141.18	396.26	-302.83	*Momento minimo*

SOLLECITAZIONI A STATO LIMITE DI FESSURAZIONE						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
2	**FESS-QP-27 MAX**	2.091	-37.04	-19.62	234.40	*Momento massimo (comb. QP)*
2	**FESS-FR-14 MAX**	4.600	-103.24	327.04	-223.17	*Momento minimo (comb. QP)*
2	**FESS-FR-87 MAX**	2.091	-42.13	-20.97	256.52	*Momento massimo (comb. FR)*
2	**FESS-FR-62 MAX**	4.600	-108.00	362.79	-240.94	*Momento minimo (comb. FR)*

SOLLECITAZIONI A STATO LIMITE ULTIMO						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
2	**SLU-STR-087 MAX**	2.091	-43.74	-28.30	372.30	*Momento massimo*
2	**SLU-SIS-06 MAX**	4.600	-259.48	422.34	-431.01	*Momento minimo*
2	**SLU-STR-118 MAX**	4.600	-167.21	534.95	-396.23	*Taglio massimo*

7.4.1 VERIFICHE A STATO LIMITE DI ESERCIZIO

Tutte le condizioni di carico vengono utilizzate per le verifiche a Stato Limite di Esercizio, mentre per le verifiche a Stato Limite di Fessurazione vengono utilizzate le sole condizioni di carico 3-4 (combinazioni Frequenti) e 5-6 (combinazioni Quasi Permanenti).

```
Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.5 cm da intradosso
5 ø26 mm posizionati a    53.5 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    30.0 cm da intrad.

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Coefficiente d'omogeneizzazione dell'armatura =15

Condizione di carico 1

Momento        =     280.5(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -5.87(N/mm²)
Trazione massima nell'acciaio           =  219.82(N/mm²)
Distanza asse neutro da lembo compresso =   15.3 (cm)
Braccio di leva interno           =   48.1 (cm)

Condizione di carico 2

Momento        =    -302.8(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -6.33(N/mm²)
Trazione massima nell'acciaio           =  237.33(N/mm²)
Distanza asse neutro da lembo compresso =   15.3 (cm)
Braccio di leva interno           =   48.1 (cm)

Condizione di carico 3

Momento        =     256.5(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -5.36(N/mm²)
Trazione massima nell'acciaio           =  201.03(N/mm²)
Distanza asse neutro da lembo compresso =   15.3 (cm)
Braccio di leva interno           =   48.1 (cm)

Condizione di carico 4

Momento        =    -240.9(KN.m)
Sforzo normale =       0.0(KN)
```

```
Compressione massima nel calcestruzzo   =   -5.04(N/mm²)
Trazione massima nell'acciaio           =  188.82(N/mm²)
Distanza asse neutro da lembo compresso =   15.3 (cm)
Braccio di leva interno           =   48.1 (cm)
```

Condizione di carico 5

```
Momento        =     234.4(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -4.90(N/mm²)
Trazione massima nell'acciaio           =  183.70(N/mm²)
Distanza asse neutro da lembo compresso =   15.3 (cm)
Braccio di leva interno           =   48.1 (cm)
```

Condizione di carico 6

```
Momento        =    -223.2(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -4.67(N/mm²)
Trazione massima nell'acciaio           =  174.90(N/mm²)
Distanza asse neutro da lembo compresso =   15.3 (cm)
Braccio di leva interno           =   48.1 (cm)
```

Le tensioni nell’acciaio e nel calcestruzzo risultano inferiori alle tensioni limite da normativa.

7.4.2 VERIFICHE A STATO LIMITE DI FESSURAZIONE

7.4.2.1 COMBINAZIONI QUASI PERMANENTI

Momento positivo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.5 cm da intradosso
5 ø26 mm posizionati a    53.5 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'intradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.2 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm²
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 197.47 (KN.m)
Momento di fessurazione (□  = f_ctm)            = 235.08 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  30.0 cm
Altezza del tirante ideale         =  24.7 cm
Densità d'armatura del tirante ideale =  1.075 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  28.6 cm
Momento di fessurazione; Trazione acciaio =   184.2 (N/mm²)
Coeff. K3 ( =[0.25·(□1+□2) / (2· □1)] )      =  0.147
Trazione nell'acciaio per il calcolo della fessura =    183.7 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · □_sm / E_s)     = 0.1135 - 0.1411 mm
```

Il valore dell'ampiezza teorica delle fessure risulta inferiore al valore limite da normativa (0.2 mm); la verifica è pertanto soddisfatta.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.5 cm da intradosso
5 ø26 mm posizionati a    53.5 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.2 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 197.47 (KN.m)
Momento di fessurazione (□  = f_ctm)            = -2.351E+02 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  30.0 cm
Altezza del tirante ideale         =  24.7 cm
Densità d'armatura del tirante ideale =  1.075 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  28.6 cm
Momento di fessurazione; Trazione acciaio =   184.2 (N/mm²)
Coeff. K_3 ( =[0.25·(□_1+□_2) / (2· □_1)] )      =  0.147
Trazione nell'acciaio per il calcolo della fessura =    174.9 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · □_sm / E_s)     = 0.1081 - 0.1203 mm
```

Il valore dell'ampiezza teorica delle fessure risulta inferiore al valore limite da normativa (0.2 mm); la verifica è pertanto soddisfatta.

7.4.2.2 COMBINAZIONI FREQUENTI

Momento positivo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.5 cm da intradosso
5 ø26 mm posizionati a    53.5 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'intradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.2 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm²
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 197.47 (KN.m)
Momento di fessurazione (□  = f_ctm)            = 235.08 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  30.0 cm
Altezza del tirante ideale         =  24.7 cm
Densità d'armatura del tirante ideale =  1.075 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  28.6 cm
Momento di fessurazione; Trazione acciaio =   184.2 (N/mm²)
Coeff. K_3 ( =[0.25·(□_1+□_2) / (2· □_1)] )      =  0.147
Trazione nell'acciaio per il calcolo della fessura =    201.0 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · □_sm / E_s)     = 0.1242 - 0.1801 mm
```

Il valore dell'ampiezza teorica delle fessure risulta inferiore al valore limite da normativa (0.3 mm); la verifica è pertanto soddisfatta.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.5 cm da intradosso
5 ø26 mm posizionati a    53.5 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.2 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 197.47 (KN.m)
Momento di fessurazione (□  = f_ctm)            = -2.351E+02 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  30.0 cm
Altezza del tirante ideale         =  24.7 cm
Densità d'armatura del tirante ideale =  1.075 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  28.6 cm
Momento di fessurazione; Trazione acciaio =   184.2 (N/mm²)
Coeff. K_3 ( =[0.25·(□_1+□_2) / (2· □_1)] )      =  0.147
Trazione nell'acciaio per il calcolo della fessura =    188.8 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · □_sm / E_s)     = 0.1167 - 0.1528 mm
```

Il valore dell'ampiezza teorica delle fessure risulta inferiore al valore limite da normativa (0.3 mm); la verifica è pertanto soddisfatta.

7.4.3 VERIFICHE A STATO LIMITE ULTIMO

7.4.3.1 FLESSIONE

```
METODO SEMIPROBABILISTICO - VERIFICA A ROTTURA

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.5 cm da intradosso
5 ø26 mm posizionati a    53.5 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    30.0 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

Modulo Elastico acciaio normale          =  210000.0(N/mm²)
Modulo Elastico calcestruzzo             =   36000.0(N/mm²)
Resistenza cubica del calcestruzzo:  Rck  =   40.00(N/mm²)
Resistenza cubica iniziale (alla tesatura):Rckj  =   32.00(N/mm²)
Soglia di snervamento acciaio normale: Fyk       =  440.00(N/mm²)

Ipotesi di calcolo

Legge costitutiva del calcestruzzo :      Parabola Rettangolo
Accorciamento ultimo a flessione = 0.3500 %
Accorciamento ultimo a compress. = 0.2000 %
Legge costitutiva dell'acciaio normale :  Bilineare
Allungamento ultimo acciaio normale =  0.675 %
Coefficiente di sicurezza calcestruzzo : γc = 1.500
Coefficiente di sicurezza acciaio : γs = 1.150
Termine di lunga durata : F1 = 0.850
Rapporto Rcyl/Rcubo: F2 = 0.830
Resistenza di progetto calcestruzzo : F1·F2·Rcubo/γc = 0.47Rcubo
Resistenza di progetto dell'acciaio : Fsd = Fyk/γs = 0.87Fyk

Resistenze di progetto

Calcestruzzo             =   18.81(N/mm²)
Acciaio normale          =  382.61(N/mm²)

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Condizione di carico 1

Momento di Progetto Md  =     372.3(KN.m)
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    8.7 (cm)
Momento di Rottura  Mr  =     505.7(KN.m)
Sforzo di Rottura   Nr  = 4.473E-01(KN)
Rottura nel Dominio  2
Rapporto Mr/Md  =  1.358
```

```
Condizione di carico 2

Momento di Progetto Md  =    -431.0(KN.m)
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    8.7 (cm)
Momento di Rottura  Mr  =    -505.7(KN.m)
Sforzo di Rottura   Nr  = 4.473E-01(KN)
Rottura nel Dominio  2
Rapporto Mr/Md  =  1.173
```

7.4.3.2 TAGLIO

Verifiche senza armatura trasversale resistente a taglio

Con riferimento al paragrafo 4.1.2.1.3.1 del D.M. 14/01/2008, la resistenza alle sollecitazioni taglianti di elementi sprovvisti di apposita armatura a taglio è valutata con la seguente espressione:

$$V_{Rd} \quad [0.18 \;\; k \;\; (100 \quad {}_1 \;\; f_{ck})^{1/3} \; / \;\; {}_c \quad 0.15 \quad {}_{cp}] \;\; b_w \;\; d \quad (v_{min} \quad 0.15 \quad {}_{cp}) \;\; b_w \;\; d$$

con:

$$k \quad 1 \quad (200 / d)^{1/2} \quad 2$$

$$v_{min} \quad 0.035 \;\; k^{3/2} \;\; f_{ck}^{\;3/2}$$

dove: d = altezza utile della sezione (in mm);

$\square_1 = A_{sl} / (b_w \square d)$ = rapporto geometrico di armatura longitudinale ($\square$ 0.02);

$\square_{cp} = N_{Ed} / A_c$ = tensione media di compressione nella sezione ($\square$ 0.2$\square$ f_{cd});

b_w = larghezza minima della sezione (in mm).

Di seguito viene presentata la tabella di verifica della sezione.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	F_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**534.95**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**0.00**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**0.00**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**535**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	$\square$	=	**26**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2655	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	$\square_l$	=	0.0050	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.61	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.41	N/mm^2
Tensione media di compress. nella sezione (≤ $0.2 f_{cd}$)	σ_{cp}	=	0.00	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	220.70	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**263.24**	kN

Poichè il taglio sollecitante (V_{Sd}) risulta maggiore del taglio resistente (V_{Rd}), la sezione deve essere armata a taglio.

<u>Verifiche con armatura trasversale resistente a taglio</u>

Con riferimento al paragrafo 4.1.2.1.3.1 del D.M. 14/01/2008, la resistenza alle sollecitazioni taglianti di elementi provvisti di apposita armatura a taglio è valutata con la seguente espressione:

$$V_{Rd} = \min[V_{Rsd}, V_{Rcd}]$$

con: V_{Rsd} = resistenza di calcolo a "taglio trazione" dell'armatura trasversale:

$$V_{Rsd} \quad 0.9 \; d \; \frac{A_{sw}}{s} \; f_{yd} \; [ctg(\;) \quad ctg(\;)] \; sen(\;)$$

V_{Rcd} = resistenza di calcolo a "taglio compressione" del calcestruzzo d'anima:

$$V_{Rcd} \quad 0.9 \; d \; b_w \quad {}_c \; f'_{cd} \, [ctg(\;) \quad ctg(\;)]/[1 \quad ctg^2(\;)]$$

dove:

- d = altezza utile della sezione (in mm);
- $\sigma_{cp} = N_{Ed} / A_c$ = tensione media di compressione nella sezione;
- b_w = larghezza minima della sezione (in mm);
- A_{sw} = area dell'armatura trasversale (in mm^2);
- s = interasse tra due armature trasversali consecutive (in mm);
- α = angolo d'inclinazione dell'armatura trasversale rispetto all'asse dell'elemento;
- f'_{cd} = resistenza a compressione ridotta del cls d'anima ($f'_{cd} = 0.5 \cdot f_{cd}$);
- α_c = coefficiente maggiorativo pari a:
  - 1 per membrature compr.;
  - $1 + \sigma_{cp}/f_{cd}$ per $0 \leq \sigma_{cp} < 0.25 f_{cd}$
  - 1.25 per $0.25 f_{cd} \leq \sigma_{cp} \leq 0.5 f_{cd}$
  - $2.5(1 - \sigma_{cp}/f_{cd})$ per $0.5 f_{cd} < \sigma_{cp} < f_{cd}$

Di seguito viene presentata la tabella di verifica della sezione.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	F_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**534.95**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**0.00**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**0.00**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**535**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	¤	=	**26**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2655	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	$¤_l$	=	0.0050	-

Armatura aggiuntiva resistente a taglio:

Angolo d'inclinaz. armatura trasv. su asse dell'elemento	¤	=	**45**	°
Diametro ferri a taglio	$¤_{sw}$	=	**12**	mm
Numero dei bracci in sezione trasversale	$n°_{sw}$	=	**5**	-
Passo in direzione asse elemento	s	=	**200**	mm
Area totale di armatura a taglio	A_{sw}	=	565	mm^2

Fattori di resistenza a compressione:

Angolo di inclinazione dei puntoni di cls	¤	=	**45**	°
Resistenza a compressione ridotta del cls d'anima	f'_{cd}	=	9.41	N/mm^2
Tensione media di compressione nella sezione	$¤_{cp}$	=	0.00	N/mm^2
Coefficiente maggiorativo per membrature compresse	$¤_c$	=	1.00	-

Calcolo del taglio resistente:

Resistenza di calcolo a "taglio trazione" dell'armatura	V_{Rsd}	=	752.74	kN
Resistenza di calcolo a "taglio compressione" del cls	V_{Rcd}	=	4529.31	kN
Resistenza ultima a taglio	V_{Rd}	=	**752.74**	kN

Utilizzando ferri piegati a 45° ◘ 12/20/20cm, il taglio resistente (V_{Rd}) risulta maggiore del taglio sollecitante (V_{Sd}): la verifica è pertanto soddisfatta.

7.5 VERIFICHE DI RESISTENZA DELLA CONTROSOLETTA

Nel presente capitolo vengono eseguite le verifiche strutturali della soletta superiore; si utilizza nelle verifiche una sezione rettangolare 100cm ◘ 80cm.

La sezione risulta armata come segue:

- ◘ Intradosso: ◘ 26 / 20 cm (ripartitori esterni: ◘ 12 / 20 cm)
- ◘ Estradosso: ◘ 26 / 20 cm (ripartitori esterni: ◘ 12 / 20 cm)

In base all'analisi effettuata con il software di calcolo ***SAP2000 Advanced***, si ricavano le seguenti sollecitazioni di verifica:

SOLLECITAZIONI A STATO LIMITE DI ESERCIZIO						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
4	**SLE-CAR-127 MAX**	0.000	-200.42	373.02	295.18	*Momento massimo*
11	**SLE-CAR-150 MAX**	0.000	15.49	-38.82	-398.36	*Momento minimo*

SOLLECITAZIONI A STATO LIMITE DI FESSURAZIONE						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
4	**FESS-QP-15 MAX**	0.000	-152.99	354.06	207.10	*Momento massimo (comb. QP)*
10	**FESS-QP-26 MAX**	0.000	-2.01	-10.69	-334.55	*Momento minimo (comb. QP)*
4	**FESS-FR-63 MAX**	0.000	-165.38	384.44	228.17	*Momento massimo (comb. FR)*
11	**FESS-FR-86 MAX**	0.000	5.31	-80.90	-365.20	*Momento minimo (comb. FR)*

SOLLECITAZIONI A STATO LIMITE ULTIMO						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
4	**SLU-SIS-07 MAX**	0.000	-312.95	278.14	439.58	*Momento massimo*
11	**SLU-STR-150 MAX**	0.000	23.63	-52.99	-536.27	*Momento minimo*
15	**SLU-STR-118 MAX**	0.000	77.29	615.57	-176.90	*Taglio massimo*

7.5.1 VERIFICHE A STATO LIMITE DI ESERCIZIO

Tutte le condizioni di carico vengono utilizzate per le verifiche a Stato Limite di Esercizio, mentre per le verifiche a Stato Limite di Fessurazione vengono utilizzate le sole condizioni di carico 3-4 (combinazioni Frequenti) e 5-6 (combinazioni Quasi Permanenti).

```
Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    80.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.3 cm da intradosso
5 ø26 mm posizionati a    73.7 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    40.0 cm da intrad.

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Coefficiente d'omogeneizzazione dell'armatura =15

Condizione di carico 1

Momento        =     295.2(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -3.68(N/mm²)
Trazione massima nell'acciaio           =  164.69(N/mm²)
Distanza asse neutro da lembo compresso =   18.5 (cm)
Braccio di leva interno           =   67.4 (cm)

Condizione di carico 2

Momento        =    -398.4(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -4.97(N/mm²)
Trazione massima nell'acciaio           =  222.26(N/mm²)
Distanza asse neutro da lembo compresso =   18.5 (cm)
Braccio di leva interno           =   67.4 (cm)

Condizione di carico 3

Momento        =     228.2(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -2.85(N/mm²)
Trazione massima nell'acciaio           =  127.30(N/mm²)
Distanza asse neutro da lembo compresso =   18.5 (cm)
Braccio di leva interno           =   67.4 (cm)

Condizione di carico 4

Momento        =    -365.2(KN.m)
Sforzo normale =       0.0(KN)
```

```
Compressione massima nel calcestruzzo   =   -4.56(N/mm²)
Trazione massima nell'acciaio           =  203.76(N/mm²)
Distanza asse neutro da lembo compresso =   18.5 (cm)
Braccio di leva interno           =   67.4 (cm)
```

Condizione di carico 5

```
Momento        =     207.1(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -2.58(N/mm²)
Trazione massima nell'acciaio           =  115.55(N/mm²)
Distanza asse neutro da lembo compresso =   18.5 (cm)
Braccio di leva interno           =   67.4 (cm)
```

Condizione di carico 6

```
Momento        =    -334.6(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -4.18(N/mm²)
Trazione massima nell'acciaio           =  186.65(N/mm²)
Distanza asse neutro da lembo compresso =   18.5 (cm)
Braccio di leva interno           =   67.4 (cm)
```

Le tensioni nell’acciaio e nel calcestruzzo risultano inferiori alle tensioni limite da normativa.

7.5.2 VERIFICHE A STATO LIMITE DI FESSURAZIONE

7.5.2.1 COMBINAZIONI QUASI PERMANENTI

Momento positivo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    80.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.3 cm da intradosso
5 ø26 mm posizionati a    73.7 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    40.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'intradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (■  = 0.7 · 1.2·f_ctm) = 341.93 (KN.m)
Momento di fessurazione (■  = f_ctm)            = 407.06 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    80.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.3 cm da intradosso
5 ø26 mm posizionati a    73.7 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    40.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm²
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 341.93 (KN.m)
Momento di fessurazione (□  = f_ctm)            = -4.071E+02 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  40.0 cm
Altezza del tirante ideale         =  24.5 cm
Densità d'armatura del tirante ideale =  1.084 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  30.6 cm
Momento di fessurazione; Trazione acciaio =   227.1 (N/mm²)
Coeff. K_3 ( =[0.25·(□_1+□_2) / (2· □_1)] )      =  0.173
Trazione nell'acciaio per il calcolo della fessura =    186.6 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · □_sm / E_s)     = 0.1235 - 0.1235 mm
```

Il valore dell'ampiezza teorica delle fessure risulta inferiore al valore limite da normativa (0.2 mm); la verifica è pertanto soddisfatta.

7.5.2.2 COMBINAZIONI FREQUENTI

Momento positivo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    80.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.3 cm da intradosso
5 ø26 mm posizionati a    73.7 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    40.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'intradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (■  = 0.7 · 1.2·f_ctm) = 341.93 (KN.m)
Momento di fessurazione (■  = f_ctm)            = 407.06 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    80.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.3 cm da intradosso
5 ø26 mm posizionati a    73.7 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    40.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 341.93 (KN.m)
Momento di fessurazione (□  = f_ctm)            = -4.071E+02 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  40.0 cm
Altezza del tirante ideale         =  24.5 cm
Densità d'armatura del tirante ideale =  1.084 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  30.6 cm
Momento di fessurazione; Trazione acciaio =   227.1 (N/mm²)
Coeff. K_3 ( =[0.25·(□_1+□_2) / (2· □_1)] )      =  0.173
Trazione nell'acciaio per il calcolo della fessura =    203.8 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · □_sm / E_s)     = 0.1348 - 0.1348 mm
```

Il valore dell'ampiezza teorica delle fessure risulta inferiore al valore limite da normativa (0.3 mm); la verifica è pertanto soddisfatta.

7.5.3 VERIFICHE A STATO LIMITE ULTIMO

7.5.3.1 FLESSIONE

```
METODO SEMIPROBABILISTICO - VERIFICA A ROTTURA

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    80.0   b3   100.0

Descrizione dell'armatura normale

5 ø26 mm posizionati a     6.3 cm da intradosso
5 ø26 mm posizionati a    73.7 cm da intradosso

Area armatura normale = 5309.3 (mm²)     a    40.0 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

Modulo Elastico acciaio normale          =  210000.0(N/mm²)
Modulo Elastico calcestruzzo             =   36000.0(N/mm²)
Resistenza cubica del calcestruzzo:  Rck  =   40.00(N/mm²)
Resistenza cubica iniziale (alla tesatura):Rckj  =   32.00(N/mm²)
Soglia di snervamento acciaio normale: Fyk       =  440.00(N/mm²)

Ipotesi di calcolo

Legge costitutiva del calcestruzzo :      Parabola Rettangolo
Accorciamento ultimo a flessione = 0.3500 %
Accorciamento ultimo a compress. = 0.2000 %
Legge costitutiva dell'acciaio normale :  Bilineare
Allungamento ultimo acciaio normale =  0.675 %
Coefficiente di sicurezza calcestruzzo : γc = 1.500
Coefficiente di sicurezza acciaio : γs = 1.150
Termine di lunga durata : F1 = 0.850
Rapporto Rcyl/Rcubo: F2 = 0.830
Resistenza di progetto calcestruzzo : F1·F2·Rcubo/γc = 0.47Rcubo
Resistenza di progetto dell'acciaio : Fsd = Fyk/γs = 0.87Fyk

Resistenze di progetto

Calcestruzzo             =   18.81(N/mm²)
Acciaio normale          =  382.61(N/mm²)

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Condizione di carico 1

Momento di Progetto Md  =     439.6(KN.m)
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    9.9 (cm)
Momento di Rottura  Mr  =     706.4(KN.m)
Sforzo di Rottura   Nr  =       2.7(KN)
Rottura nel Dominio  2
Rapporto Mr/Md  =  1.607
```

Condizione di carico 2

Momento di Progetto M_d = -536.3(KN.m)
Sforzo di Progetto N_d = 0.0(KN)

Distanza asse neutro da lembo compresso = 9.9 (cm)
Momento di Rottura M_r = -706.4(KN.m)
Sforzo di Rottura N_r = 2.7(KN)
Rottura nel Dominio 2
Rapporto M_r/M_d = 1.317

7.5.3.2 TAGLIO

Verifiche senza armatura trasversale resistente a taglio

Con riferimento al paragrafo 4.1.2.1.3.1 del D.M. 14/01/2008, la resistenza alle sollecitazioni taglianti di elementi sprovvisti di apposita armatura a taglio è valutata con la seguente espressione:

$$V_{Rd} \quad [0.18 \;\; k \;\; (100 \quad {}_1 \;\; f_{ck})^{1/3} \; / \;\; {}_c \quad 0.15 \quad {}_{cp}] \;\; b_w \;\; d \quad (v_{min} \quad 0.15 \quad {}_{cp}) \;\; b_w \;\; d$$

con:

$$k \quad 1 \quad (200 / d)^{1/2} \quad 2$$

$$v_{min} \quad 0.035 \;\; k^{3/2} \;\; f_{ck}^{\;3/2}$$

dove: d = altezza utile della sezione (in mm);

$\square_1 = A_{sl} / (b_w \square d)$ = rapporto geometrico di armatura longitudinale ($\square$ 0.02);

$\square_{cp} = N_{Ed} / A_c$ = tensione media di compressione nella sezione ($\square$ 0.2$\square$ f_{cd});

b_w = larghezza minima della sezione (in mm).

Di seguito viene presentata la tabella di verifica della sezione.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	F_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**615.57**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**0.00**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**0.00**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**737**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	$\square$	=	**26**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2655	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	$\square_l$	=	0.0036	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.52	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.38	N/mm^2
Tensione media di compress. nella sezione (≤ $0.2 f_{cd}$)	σ_{cp}	=	0.00	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	278.78	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**307.61**	kN

Poichè il taglio sollecitante (V_{Sd}) risulta maggiore del taglio resistente (V_{Rd}), la sezione deve essere armata a taglio.

<u>Verifiche con armatura trasversale resistente a taglio</u>

Con riferimento al paragrafo 4.1.2.1.3.1 del D.M. 14/01/2008, la resistenza alle sollecitazioni taglianti di elementi provvisti di apposita armatura a taglio è valutata con la seguente espressione:

$$V_{Rd} = \min[V_{Rsd}, V_{Rcd}]$$

con: V_{Rsd} = resistenza di calcolo a "taglio trazione" dell'armatura trasversale:

$$V_{Rsd} \quad 0.9 \; d \; \frac{A_{sw}}{s} \; f_{yd} \; [ctg(\;) \quad ctg(\;)] \; sen(\;)$$

V_{Rcd} = resistenza di calcolo a "taglio compressione" del calcestruzzo d'anima:

$$V_{Rcd} \quad 0.9 \; d \; b_w \quad {}_c \; f'_{cd} \, [ctg(\;) \quad ctg(\;)]/[1 \quad ctg^2(\;)]$$

dove:

- d = altezza utile della sezione (in mm);
- $\sigma_{cp} = N_{Ed} / A_c$ = tensione media di compressione nella sezione;
- b_w = larghezza minima della sezione (in mm);
- A_{sw} = area dell'armatura trasversale (in mm^2);
- s = interasse tra due armature trasversali consecutive (in mm);
- α = angolo d'inclinazione dell'armatura trasversale rispetto all'asse dell'elemento;
- f'_{cd} = resistenza a compressione ridotta del cls d'anima ($f'_{cd} = 0.5 \cdot f_{cd}$);
- α_c = coefficiente maggiorativo pari a:

1	per membrature compr.;
$1+ \sigma_{cp}/f_{cd}$	per $0 \leq \sigma_{cp} < 0.25 f_{cd}$
1.25	per $0.25 f_{cd} \leq \sigma_{cp} \leq 0.5 f_{cd}$
$2.5(1- \sigma_{cp}/f_{cd})$	per $0.5 f_{cd} < \sigma_{cp} < f_{cd}$

Di seguito viene presentata la tabella di verifica della sezione.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	F_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**615.57**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**0.00**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**0.00**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**737**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	¤	=	**26**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2655	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	$¤_l$	=	0.0036	-

Armatura aggiuntiva resistente a taglio:

Angolo d'inclinaz. armatura trasv. su asse dell'elemento	¤	=	**45**	°
Diametro ferri a taglio	$¤_{sw}$	=	**10**	mm
Numero dei bracci in sezione trasversale	$n°_{sw}$	=	**5**	-
Passo in direzione asse elemento	s	=	**200**	mm
Area totale di armatura a taglio	A_{sw}	=	395	mm^2

Fattori di resistenza a compressione:

Angolo di inclinazione dei puntoni di cls	¤	=	**45**	°
Resistenza a compressione ridotta del cls d'anima	f'_{cd}	=	9.41	N/mm^2
Tensione media di compressione nella sezione	$¤_{cp}$	=	0.00	N/mm^2
Coefficiente maggiorativo per membrature compresse	$¤_c$	=	1.00	-

Calcolo del taglio resistente:

Resistenza di calcolo a "taglio trazione" dell'armatura	V_{Rsd}	=	724.95	kN
Resistenza di calcolo a "taglio compressione" del cls	V_{Rcd}	=	6239.44	kN
Resistenza ultima a taglio	V_{Rd}	=	**724.95**	kN

Utilizzando ferri piegati a 45° ◘ 10/20/20cm, il taglio resistente (V_{Rd}) risulta maggiore del taglio sollecitante (V_{Sd}): la verifica è pertanto soddisfatta.

7.6 VERIFICHE DI RESISTENZA DEI PIEDRITTI

Nel presente capitolo vengono eseguite le verifiche strutturali della soletta superiore; si utilizza nelle verifiche una sezione rettangolare 100cm ◘ 60cm.

La sezione risulta armata come segue:

- Intradosso: ◘ 14 / 20 cm (ripartitori esterni: ◘ 10 / 20 cm)
- Estradosso: ◘ 26 / 20 cm (ripartitori esterni: ◘ 12 / 20 cm)

In base all'analisi effettuata con il software di calcolo ***SAP2000 Advanced***, si ricavano le seguenti sollecitazioni di verifica:

SOLLECITAZIONI A STATO LIMITE DI ESERCIZIO						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
3	**SLE-CAR-118 MAX**	0.000	-451.76	55.24	35.51	*Momento massimo*
3	**SLE-CAR-126 MAX**	3.700	-396.26	141.18	-302.83	*Momento minimo*

SOLLECITAZIONI A STATO LIMITE DI FESSURAZIONE						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
3	**FESS-QP-10 MAX**	0.000	-382.54	15.20	-28.17	*Momento massimo (comb. QP)*
3	**FESS-QP-14 MAX**	3.700	-327.04	101.15	-218.38	*Momento minimo (comb. QP)*
3	**FESS-FR-10 MAX**	0.000	-382.54	17.30	-25.22	*Momento massimo (comb. FR)*
3	**FESS-FR-62 MAX**	3.700	-362.79	108.00	-240.94	*Momento minimo (comb. FR)*

SOLLECITAZIONI A STATO LIMITE ULTIMO						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
3	**SLU-SIS-02 MAX**	0.000	-475.71	79.06	179.70	*Momento massimo*
1	**SLU-SIS-07 MAX**	0.000	-278.14	-312.95	-439.58	*Momento minimo*
1	**SLU-SIS-07 MAX**	0.000	-278.14	312.95	-439.58	*Taglio massimo*

7.6.1 VERIFICHE A STATO LIMITE DI ESERCIZIO

Tutte le condizioni di carico vengono utilizzate per le verifiche a Stato Limite di Esercizio, mentre per le verifiche a Stato Limite di Fessurazione vengono utilizzate le sole condizioni di carico 3-4 (combinazioni Frequenti) e 5-6 (combinazioni Quasi Permanenti).

```
Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø26 mm posizionati a    53.7 cm da intradosso

Area armatura normale = 3424.3 (mm²)     a    42.9 cm da intrad.

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Coefficiente d'omogeneizzazione dell'armatura =15

Condizione di carico 1

Momento        =      35.5(KN.m)
Sforzo normale =    -451.8(KN)

La sezione non si parzializza
Compressione massima nel calcestruzzo   =   -1.14(N/mm²)
Compressione minima nel calcestruzzo    =   -0.23(N/mm²)

Condizione di carico 2

Momento        =    -302.8(KN.m)
Sforzo normale =    -396.3(KN)

Compressione massima nel calcestruzzo   =   -7.42(N/mm²)
Trazione massima nell'acciaio           =  170.46(N/mm²)
Distanza asse neutro da lembo compresso =   21.2 (cm)
Braccio di leva interno           =   46.0 (cm)

Condizione di carico 3

Momento        =     -25.2(KN.m)
Sforzo normale =    -382.5(KN)

La sezione non si parzializza
Compressione massima nel calcestruzzo   =   -1.02(N/mm²)
Compressione minima nel calcestruzzo    =   -0.18(N/mm²)

Condizione di carico 4

Momento        =    -240.9(KN.m)
Sforzo normale =    -362.8(KN)

Compressione massima nel calcestruzzo   =   -5.94(N/mm²)
Trazione massima nell'acciaio           =  128.05(N/mm²)
```

```
Distanza asse neutro da lembo compresso =   22.0 (cm)
Braccio di leva interno           =   45.4 (cm)

Condizione di carico 5

Momento        =     -28.2(KN.m)
Sforzo normale =    -382.5(KN)

La sezione non si parzializza
Compressione massima nel calcestruzzo   =   -1.07(N/mm²)
Compressione minima nel calcestruzzo    =   -0.14(N/mm²)

Condizione di carico 6

Momento        =    -218.4(KN.m)
Sforzo normale =    -327.0(KN)

Compressione massima nel calcestruzzo   =   -5.38(N/mm²)
Trazione massima nell'acciaio           =  116.48(N/mm²)
Distanza asse neutro da lembo compresso =   22.0 (cm)
Braccio di leva interno           =   45.4 (cm)
```

Le tensioni nell’acciaio e nel calcestruzzo risultano inferiori alle tensioni limite da normativa.

7.6.2 VERIFICHE A STATO LIMITE DI FESSURAZIONE

7.6.2.1 COMBINAZIONI QUASI PERMANENTI

Momento positivo

La verifica a fessurazione perde di significato poichè la sezione è interamente compressa.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø26 mm posizionati a    53.7 cm da intradosso

Area armatura normale = 3424.3 (mm²)     a    42.9 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (fctm) =  31.5  kg/cm^2
Momento di prima fessurazione (□  = 0.7 · 1.2·fctm) = 190.29 (KN.m)
Momento di fessurazione (□  = fctm)            = -2.265E+02 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  29.0 cm
Altezza del tirante ideale         =  24.5 cm
Densità d'armatura del tirante ideale =  1.084 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue Sm =  27.9 cm
Momento di fessurazione; Trazione acciaio =   177.1 (N/mm²)
Coeff. K3 ( =[0.25·(□1+□2) / (2· □1)] )     =  0.144
Trazione nell'acciaio per il calcolo della fessura =    116.5 (N/mm²)
Ampiezza della fessura (w = 1.7 · Sm · □sm / Es)     =   0.07 -   0.07 mm
```

Il valore dell'ampiezza teorica delle fessure risulta inferiore al valore limite da normativa (0.2 mm); la verifica è pertanto soddisfatta.

7.6.2.2 COMBINAZIONI FREQUENTI

Momento positivo

La verifica a fessurazione perde di significato poichè la sezione è interamente compressa.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø26 mm posizionati a    53.7 cm da intradosso

Area armatura normale = 3424.3 (mm²)     a    42.9 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  26.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 190.29 (KN.m)
Momento di fessurazione (□  = f_ctm)            = -2.265E+02 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  29.0 cm
Altezza del tirante ideale         =  24.5 cm
Densità d'armatura del tirante ideale =  1.084 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  27.9 cm
Momento di fessurazione; Trazione acciaio =   177.1 (N/mm²)
Coeff. K_3 ( =[0.25·(□_1+□_2) / (2· □_1)] )      =  0.144
Trazione nell'acciaio per il calcolo della fessura =    128.1 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · □_sm / E_s)     =  0.077 -  0.077 mm
```

Il valore dell'ampiezza teorica delle fessure risulta inferiore al valore limite da normativa (0.3 mm); la verifica è pertanto soddisfatta.

7.6.3 VERIFICHE A STATO LIMITE ULTIMO

7.6.3.1 FLESSIONE

```
METODO SEMIPROBABILISTICO - VERIFICA A ROTTURA

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø26 mm posizionati a    53.7 cm da intradosso

Area armatura normale = 3424.3 (mm²)     a    42.9 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

Modulo Elastico acciaio normale          =  210000.0(N/mm²)
Modulo Elastico calcestruzzo             =   36000.0(N/mm²)
Resistenza cubica del calcestruzzo:  Rck  =   40.00(N/mm²)
Resistenza cubica iniziale (alla tesatura):Rckj  =   32.00(N/mm²)
Soglia di snervamento acciaio normale: Fyk       =  440.00(N/mm²)

Ipotesi di calcolo

Legge costitutiva del calcestruzzo :      Parabola Rettangolo
Accorciamento ultimo a flessione = 0.3500 %
Accorciamento ultimo a compress. = 0.2000 %
Legge costitutiva dell'acciaio normale :  Bilineare
Allungamento ultimo acciaio normale =  0.675 %
Coefficiente di sicurezza calcestruzzo : γc = 1.500
Coefficiente di sicurezza acciaio : γs = 1.150
Termine di lunga durata : F1 = 0.850
Rapporto Rcyl/Rcubo: F2 = 0.830
Resistenza di progetto calcestruzzo : F1·F2·Rcubo/γc = 0.47Rcubo
Resistenza di progetto dell'acciaio : Fsd = Fyk/γs = 0.87Fyk

Resistenze di progetto

Calcestruzzo             =   18.81(N/mm²)
Acciaio normale          =  382.61(N/mm²)

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Condizione di carico 1

Momento di Progetto Md  =     179.7(KN.m)
Sforzo di Progetto  Nd  =    -475.7(KN)

Distanza asse neutro da lembo compresso =    7.7 (cm)
Momento di Rottura  Mr  =     277.5(KN.m)
Sforzo di Rottura   Nr  =    -475.1(KN)
Rottura nel Dominio  2
Rapporto Mr/Md  =  1.544
```

Condizione di carico 2

Momento di Progetto M_d = -439.6(KN.m)
Sforzo di Progetto N_d = -278.1(KN)

Distanza asse neutro da lembo compresso = 10.5 (cm)
Momento di Rottura M_r = -577.0(KN.m)
Sforzo di Rottura N_r = -277.3(KN)
Rottura nel Dominio 2
Rapporto M_r/M_d = 1.313

7.6.3.2 TAGLIO

Verifiche senza armatura trasversale resistente a taglio

Con riferimento al paragrafo 4.1.2.1.3.1 del D.M. 14/01/2008, la resistenza alle sollecitazioni taglianti di elementi sprovvisti di apposita armatura a taglio è valutata con la seguente espressione:

$$V_{Rd} \quad [0.18 \;\; k \;\; (100 \quad {}_1 \;\; f_{ck})^{1/3} \; / \;\; {}_c \quad 0.15 \quad {}_{cp}] \;\; b_w \;\; d \quad (v_{min} \quad 0.15 \quad {}_{cp}) \;\; b_w \;\; d$$

con:

$$k \quad 1 \quad (200 / d)^{1/2} \quad 2$$

$$v_{min} \quad 0.035 \;\; k^{3/2} \;\; f_{ck}^{\;3/2}$$

dove: d = altezza utile della sezione (in mm);

$\square_1 = A_{sl} / (b_w \square d)$ = rapporto geometrico di armatura longitudinale ($\square$ 0.02);

$\square_{cp} = N_{Ed} / A_c$ = tensione media di compressione nella sezione ($\square$ 0.2$\square$ f_{cd});

b_w = larghezza minima della sezione (in mm).

Di seguito viene presentata la tabella di verifica della sezione.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	F_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**312.95**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**278.14**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**439.58**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**537**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	$\square$	=	**26**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2655	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	$\square_l$	=	0.0049	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.61	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.41	N/mm^2
Tensione media di compress. nella sezione (≤ $0.2 f_{cd}$)	σ_{cp}	=	0.52	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	263.01	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**305.43**	kN

Poichè il taglio sollecitante (V_{Sd}) risulta maggiore del taglio resistente (V_{Rd}), la sezione deve essere armata a taglio.

<u>Verifiche con armatura trasversale resistente a taglio</u>

Con riferimento al paragrafo 4.1.2.1.3.1 del D.M. 14/01/2008, la resistenza alle sollecitazioni taglianti di elementi provvisti di apposita armatura a taglio è valutata con la seguente espressione:

$$V_{Rd} = \min[V_{Rsd}, V_{Rcd}]$$

con: V_{Rsd} = resistenza di calcolo a "taglio trazione" dell'armatura trasversale:

$$V_{Rsd} \quad 0.9 \; d \; \frac{A_{sw}}{s} \; f_{yd} \; [ctg(\;) \quad ctg(\;)] \; sen(\;)$$

V_{Rcd} = resistenza di calcolo a "taglio compressione" del calcestruzzo d'anima:

$$V_{Rcd} \quad 0.9 \; d \; b_w \quad {}_c \; f'_{cd} \, [ctg(\;) \quad ctg(\;)]/[1 \quad ctg^2(\;)]$$

dove:

- d = altezza utile della sezione (in mm);
- $\sigma_{cp} = N_{Ed} / A_c$ = tensione media di compressione nella sezione;
- b_w = larghezza minima della sezione (in mm);
- A_{sw} = area dell'armatura trasversale (in mm^2);
- s = interasse tra due armature trasversali consecutive (in mm);
- α = angolo d'inclinazione dell'armatura trasversale rispetto all'asse dell'elemento;
- f'_{cd} = resistenza a compressione ridotta del cls d'anima ($f'_{cd} = 0.5 \cdot f_{cd}$);
- α_c = coefficiente maggiorativo pari a:
  - 1 per membrature compr.;
  - $1+ \sigma_{cp}/f_{cd}$ per $0 \leq \sigma_{cp} < 0.25 f_{cd}$
  - 1.25 per $0.25 f_{cd} \leq \sigma_{cp} \leq 0.5 f_{cd}$
  - $2.5(1- \sigma_{cp}/f_{cd})$ per $0.5 f_{cd} < \sigma_{cp} < f_{cd}$

Di seguito viene presentata la tabella di verifica della sezione.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	F_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**312.95**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**278.14**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**439.58**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**537**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	¤	=	**26**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2655	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	$¤_l$	=	0.0049	-

Armatura aggiuntiva resistente a taglio:

Angolo d'inclinaz. armatura trasv. su asse dell'elemento	¤	=	**45**	°
Diametro ferri a taglio	$¤_{sw}$	=	**10**	mm
Numero dei bracci in sezione trasversale	$n°_{sw}$	=	**5**	-
Passo in direzione asse elemento	s	=	**200**	mm
Area totale di armatura a taglio	A_{sw}	=	395	mm^2

Fattori di resistenza a compressione:

Angolo di inclinazione dei puntoni di cls	¤	=	**45**	°
Resistenza a compressione ridotta del cls d'anima	f'_{cd}	=	9.41	N/mm^2
Tensione media di compressione nella sezione	$¤_{cp}$	=	0.52	N/mm^2
Coefficiente maggiorativo per membrature compresse	$¤_c$	=	1.03	-

Calcolo del taglio resistente:

Resistenza di calcolo a "taglio trazione" dell'armatura	V_{Rsd}	=	528.22	kN
Resistenza di calcolo a "taglio compressione" del cls	V_{Rcd}	=	4671.41	kN
Resistenza ultima a taglio	V_{Rd}	=	**528.22**	kN

Utilizzando ferri piegati a 45° ◘ 10/20/20cm, il taglio resistente (V_{Rd}) risulta maggiore del taglio sollecitante (V_{Sd}): la verifica è pertanto soddisfatta.

7.7 VERIFICHE DI CAPACITÀ PORTANTE DELLA FONDAZIONE

La capacità portata della fondazione è stata calcolata attraverso l'espressione proposta da Brinch-Hansen per le fondazioni superficiali; poichè la fondazione ed il piano campagna risultano orizzontali, si trascurano i fattori correttivi corrispondenti.

La portata limite unitaria è pertanto fornita dalla seguente espressione:

$$q_{lim} \quad \frac{1}{2} \quad B \; N \quad s \quad i \quad c \; N_c \; s_c \; d_c \; i_c \quad q \; N_q \; s_q \; d_q \; i_q$$

dove: γ' = peso specifico terreno di fondazione (sommerso, se in presenza di falda);

B = larghezza equivalente della fondazione (in presenza di carichi eccentrici);

c' = coesione del terreno di fondazione;

q' = sovraccarico dovuto al peso del terreno posto sopra il livello di fondazione;

N_γ, N_c, N_q = coefficienti di capacità portante;

s_γ, s_c, s_q = coefficienti di forma;

i_γ, i_c, i_q = coefficienti correttivi dovuti alla presenza di carichi orizzontali;

d_c, d_q = coefficienti dipendenti dalla profondità del piano di posa.

Di seguito vengono riepilogate le espressioni per il calcolo della larghezza equivalente, del sovraccarico e dei vari coefficienti:

- *Larghezza equivalente della fondazione:*

$$B \quad B_R \quad 2 \frac{M}{N}$$

dove: B_R = larghezza reale della fondazione;

M = momento risultante sulla fondazione;

N = azione perpendicolare al piano di posa sulla fondazione.

- *Sovraccarico dovuto al peso del terreno posto sopra il livello di fondazione:*

$$q' \quad {}_t \; D$$

dove: γ_t = peso del terreno di ricoprimento;

D = profondità del piano di posa della fondazione.

- *Coefficienti di capacità portante:*

$$N_q \quad tg^2 \; 45 \quad \frac{'}{2} \quad e^{\;tg(\;')}$$

$$N_c \quad (N_q \quad 1) \; ctg(\;')$$

$$N \quad 2\ (N_q \quad 1)\ tg(\ ')$$

dove: ¤' = angolo di attrito del terreno di fondazione.

- *Coefficienti di forma (per B<L):*

$$s \quad 1 \quad 0.1\ \frac{B}{L}\ \frac{1 \quad sen(\ ')}{1 \quad sen(\ ')}$$

$$s_q \quad s$$

$$s_c \quad 1 \quad 0.2\ \frac{B}{L}\ \frac{1 \quad sen(\ ')}{1 \quad sen(\ ')}$$

dove: ¤' = angolo di attrito del terreno di fondazione;
B = larghezza equivalente della fondazione (definita in precedenza);
L = lunghezza della fondazione.

- *Coefficienti dipendenti dalla profondità del piano di posa:*

$$d_q \quad 1 \quad 2\ \frac{D}{B}\ tg(\ ')\ [1 \quad sen(\ ')]^2 \qquad \text{per } D/B \quad 1$$

$$d_q \quad 1 \quad 2\ tg(\ ')\ [1 \quad sen(\ ')]^2\ ctg\ \frac{D}{B} \qquad \text{per } D/B \quad 1$$

$$d_c \quad d_q \quad \frac{1 \quad d_q}{N_c \quad tg(\ ')}$$

dove: ¤' = angolo di attrito del terreno di fondazione;
B = larghezza equivalente della fondazione (definita in precedenza);
D = profondità del piano di posa della fondazione;
N_c = coefficiente di capacità portante (definito in precedenza).

- *Coefficienti correttivi dovuti alla presenza di carichi orizzontali:*

$$i \quad 1 \quad \frac{H}{N \quad B \quad L \quad c'ctg(\ ')}^{(m \quad 1)}$$

$$i_q \quad 1 \quad \frac{H}{N \quad B \quad L \quad c'ctg(\ ')}^{m} \qquad \text{con: } m \quad \frac{2 \quad B/L}{1 \quad B/L}$$

$$i_c \quad i_q \quad \frac{1 \quad d_q}{N_c \quad tg(\ ')}$$

dove: ¤' = angolo di attrito del terreno di fondazione;
c' = coesione del terreno di fondazione;
B = larghezza equivalente della fondazione (definita in precedenza);
L = lunghezza della fondazione;

N = azione perpendicolare al piano di posa sulla fondazione;

H = azione parallela al piano di posa sulla fondazione;

N_c = coefficiente di capacità portante (definito in precedenza);

d_q = coefficiente dipendente dalla profondità del piano di posa (definito in precedenza).

Le verifiche di portata, conformi alle NTC 2008, vengono svolte secondo l'Approccio 1 Combinazione 2 (A2+M2+R2) come prescritto dalla Circ.Min. n°617 del 02/02/2009 (paragrafo C.6.4.2.1). In base a quanto riportato nel D.M. 14/01/2008, la capacità portante della fondazione è verificata se risulta vera la seguente espressione:

$$\text{Sd} \quad \text{Rd} \quad \frac{\text{lim}}{\text{R}}$$

dove: $\square_{Sd}$ = pressione equivalente sul terreno;

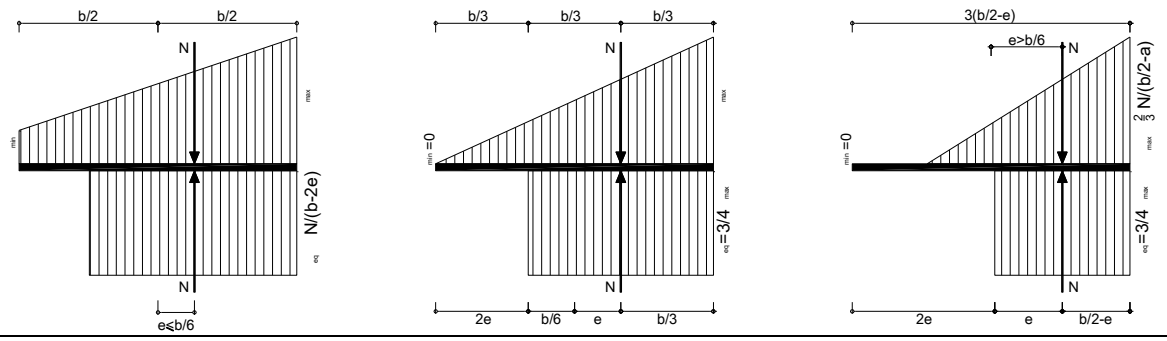
$\square_{lim}$ = portata limite unitaria calcolata secondo Brinch-Hansen;

$\square_{R}$ = coefficiente parziale a Stato Limite Ultimo (pari a 1.80).

Il calcolo del valore equivalente della pressione di contatto nella verifica di portata delle fondazioni superficiali, ampiamente documentato in letteratura ed in particolare nei citati riferimenti bibliografici, si basa sulla considerazione che il comportamento dei terreni risulta tutt'altro che lineare: il calcolo del valore massimo di pressione sulla base della tradizionale ipotesi di validità per il terreno della legge di Hooke (valore $\square_{max}$ nelle tabelle) appare quindi poco significativo.

Il calcolo del valore equivalente si basa sulla valutazione dell'eccentricità delle sollecitazioni, in modo da ridistribuire in maniera uniforme su una dimensione ridotta della platea le sollecitazioni stesse.

Pressione di contatto equivalente in funzione dell'eccentricità della risultante dei carichi



Nelle tabelle seguenti vengono riportate le verifiche di capacità portante; ogni singola combinazione analizzata riporta nell'ordine:

Comb	=	combinazione di carico analizzata (vedi paragrafo 7.3)
M	=	momento flettente alla base dell'opera
N	=	azione verticale alla base dell'opera
H	=	azione orizzontale alla base dell'opera
B_{reag}	=	larghezza reagente della fondazione (controsoletta)
σ_{min}	=	pressione minima sul terreno
σ_{max}	=	pressione massima sul terreno
σ_{Sd}	=	pressione equivalente sul terreno
σ_{lim}	=	portata limite del terreno calcolata secondo Brinch-Hansen
σ_{Rd}	=	portata resistente del terreno di progetto

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-001 MAX	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-001 MIN	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-002 MAX	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-002 MIN	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-003 MAX	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-003 MIN	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-004 MAX	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-004 MIN	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-005 MAX	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-005 MIN	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-006 MAX	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-006 MIN	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-007 MAX	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-007 MIN	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-008 MAX	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-008 MIN	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-009 MAX	21	1061	11	5.20	199	209	**206**	7854	**4363**
SLU-GEO-009 MIN	21	1061	11	5.20	199	209	**206**	7854	**4363**
SLU-GEO-010 MAX	21	1061	11	5.20	199	209	**206**	7854	**4363**
SLU-GEO-010 MIN	21	1061	11	5.20	199	209	**206**	7854	**4363**
SLU-GEO-011 MAX	21	1061	11	5.20	199	209	**206**	7854	**4363**
SLU-GEO-011 MIN	21	1061	11	5.20	199	209	**206**	7854	**4363**
SLU-GEO-012 MAX	21	1061	11	5.20	199	209	**206**	7854	**4363**
SLU-GEO-012 MIN	21	1061	11	5.20	199	209	**206**	7854	**4363**
SLU-GEO-013 MAX	41	1061	22	5.20	195	213	**207**	7672	**4262**
SLU-GEO-013 MIN	41	1061	22	5.20	195	213	**207**	7672	**4262**
SLU-GEO-014 MAX	41	1061	22	5.20	195	213	**207**	7672	**4262**
SLU-GEO-014 MIN	41	1061	22	5.20	195	213	**207**	7672	**4262**
SLU-GEO-015 MAX	41	1061	22	5.20	195	213	**207**	7672	**4262**
SLU-GEO-015 MIN	41	1061	22	5.20	195	213	**207**	7672	**4262**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-016 MAX	41	1061	22	5.20	195	213	**207**	7672	**4262**
SLU-GEO-016 MIN	41	1061	22	5.20	195	213	**207**	7672	**4262**
SLU-GEO-017 MAX	21	905	11	5.20	169	179	**176**	7822	**4346**
SLU-GEO-017 MIN	21	905	11	5.20	169	179	**176**	7822	**4346**
SLU-GEO-018 MAX	21	905	11	5.20	169	179	**176**	7822	**4346**
SLU-GEO-018 MIN	21	905	11	5.20	169	179	**176**	7822	**4346**
SLU-GEO-019 MAX	21	905	11	5.20	169	179	**176**	7822	**4346**
SLU-GEO-019 MIN	21	905	11	5.20	169	179	**176**	7822	**4346**
SLU-GEO-020 MAX	21	905	11	5.20	169	179	**176**	7822	**4346**
SLU-GEO-020 MIN	21	905	11	5.20	169	179	**176**	7822	**4346**
SLU-GEO-021 MAX	42	905	22	5.20	165	183	**177**	7610	**4228**
SLU-GEO-021 MIN	42	905	22	5.20	165	183	**177**	7610	**4228**
SLU-GEO-022 MAX	42	905	22	5.20	165	183	**177**	7610	**4228**
SLU-GEO-022 MIN	42	905	22	5.20	165	183	**177**	7610	**4228**
SLU-GEO-023 MAX	42	905	22	5.20	165	183	**177**	7610	**4228**
SLU-GEO-023 MIN	42	905	22	5.20	165	183	**177**	7610	**4228**
SLU-GEO-024 MAX	42	905	22	5.20	165	183	**177**	7610	**4228**
SLU-GEO-024 MIN	42	905	22	5.20	165	183	**177**	7610	**4228**
SLU-GEO-025 MAX	199	985	117	5.20	145	234	**205**	6104	**3391**
SLU-GEO-025 MIN	199	985	117	5.20	145	234	**205**	6104	**3391**
SLU-GEO-026 MAX	199	985	117	5.20	145	234	**205**	6104	**3391**
SLU-GEO-026 MIN	199	985	117	5.20	145	234	**205**	6104	**3391**
SLU-GEO-027 MAX	199	985	117	5.20	145	234	**205**	6104	**3391**
SLU-GEO-027 MIN	199	985	117	5.20	145	234	**205**	6104	**3391**
SLU-GEO-028 MAX	199	985	117	5.20	145	234	**205**	6104	**3391**
SLU-GEO-028 MIN	199	985	117	5.20	145	234	**205**	6104	**3391**
SLU-GEO-029 MAX	200	829	117	5.20	115	204	**176**	5775	**3209**
SLU-GEO-029 MIN	200	829	117	5.20	115	204	**176**	5775	**3209**
SLU-GEO-030 MAX	200	829	117	5.20	115	204	**176**	5775	**3209**
SLU-GEO-030 MIN	200	829	117	5.20	115	204	**176**	5775	**3209**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	q_{min} [kN/m^2]	q_{max} [kN/m^2]	q_{Sd} [kN/m^2]	q_{lim} [kN/m^2]	q_{Rd} [kN/m^2]
SLU-GEO-031 MAX	200	829	117	5.20	115	204	**176**	5775	**3209**
SLU-GEO-031 MIN	200	829	117	5.20	115	204	**176**	5775	**3209**
SLU-GEO-032 MAX	200	829	117	5.20	115	204	**176**	5775	**3209**
SLU-GEO-032 MIN	200	829	117	5.20	115	204	**176**	5775	**3209**
SLU-GEO-033 MAX	231	1061	133	5.20	153	255	**223**	5996	**3331**
SLU-GEO-033 MIN	231	1061	133	5.20	153	255	**223**	5996	**3331**
SLU-GEO-034 MAX	231	1061	133	5.20	153	255	**223**	5996	**3331**
SLU-GEO-034 MIN	231	1061	133	5.20	153	255	**223**	5996	**3331**
SLU-GEO-035 MAX	231	1061	133	5.20	153	255	**223**	5996	**3331**
SLU-GEO-035 MIN	231	1061	133	5.20	153	255	**223**	5996	**3331**
SLU-GEO-036 MAX	231	1061	133	5.20	153	255	**223**	5996	**3331**
SLU-GEO-036 MIN	231	1061	133	5.20	153	255	**223**	5996	**3331**
SLU-GEO-037 MAX	241	1061	139	5.20	150	257	**223**	5919	**3288**
SLU-GEO-037 MIN	241	1061	139	5.20	150	257	**223**	5919	**3288**
SLU-GEO-038 MAX	241	1061	139	5.20	150	257	**223**	5919	**3288**
SLU-GEO-038 MIN	241	1061	139	5.20	150	257	**223**	5919	**3288**
SLU-GEO-039 MAX	241	1061	139	5.20	150	257	**223**	5919	**3288**
SLU-GEO-039 MIN	241	1061	139	5.20	150	257	**223**	5919	**3288**
SLU-GEO-040 MAX	241	1061	139	5.20	150	257	**223**	5919	**3288**
SLU-GEO-040 MIN	241	1061	139	5.20	150	257	**223**	5919	**3288**
SLU-GEO-041 MAX	231	905	133	5.20	123	225	**193**	5680	**3155**
SLU-GEO-041 MIN	231	905	133	5.20	123	225	**193**	5680	**3155**
SLU-GEO-042 MAX	231	905	133	5.20	123	225	**193**	5680	**3155**
SLU-GEO-042 MIN	231	905	133	5.20	123	225	**193**	5680	**3155**
SLU-GEO-043 MAX	231	905	133	5.20	123	225	**193**	5680	**3155**
SLU-GEO-043 MIN	231	905	133	5.20	123	225	**193**	5680	**3155**
SLU-GEO-044 MAX	231	905	133	5.20	123	225	**193**	5680	**3155**
SLU-GEO-044 MIN	231	905	133	5.20	123	225	**193**	5680	**3155**
SLU-GEO-045 MAX	241	905	139	5.20	120	227	**194**	5592	**3107**
SLU-GEO-045 MIN	241	905	139	5.20	120	227	**194**	5592	**3107**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-046 MAX	241	905	139	5.20	120	227	**194**	5592	**3107**
SLU-GEO-046 MIN	241	905	139	5.20	120	227	**194**	5592	**3107**
SLU-GEO-047 MAX	241	905	139	5.20	120	227	**194**	5592	**3107**
SLU-GEO-047 MIN	241	905	139	5.20	120	227	**194**	5592	**3107**
SLU-GEO-048 MAX	241	905	139	5.20	120	227	**194**	5592	**3107**
SLU-GEO-048 MIN	241	905	139	5.20	120	227	**194**	5592	**3107**
SLU-GEO-049 MAX	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-049 MIN	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-050 MAX	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-050 MIN	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-051 MAX	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-051 MIN	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-052 MAX	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-052 MIN	0	985	0	5.20	189	189	**189**	8040	**4466**
SLU-GEO-053 MAX	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-053 MIN	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-054 MAX	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-054 MIN	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-055 MAX	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-055 MIN	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-056 MAX	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-056 MIN	0	829	0	5.20	159	159	**159**	8040	**4466**
SLU-GEO-057 MAX	13	1061	7	5.20	201	207	**205**	7925	**4403**
SLU-GEO-057 MIN	13	1061	7	5.20	201	207	**205**	7925	**4403**
SLU-GEO-058 MAX	13	1061	7	5.20	201	207	**205**	7925	**4403**
SLU-GEO-058 MIN	13	1061	7	5.20	201	207	**205**	7925	**4403**
SLU-GEO-059 MAX	13	1061	7	5.20	201	207	**205**	7925	**4403**
SLU-GEO-059 MIN	13	1061	7	5.20	201	207	**205**	7925	**4403**
SLU-GEO-060 MAX	13	1061	7	5.20	201	207	**205**	7925	**4403**
SLU-GEO-060 MIN	13	1061	7	5.20	201	207	**205**	7925	**4403**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-061 MAX	26	1061	14	5.20	198	210	**206**	7811	**4340**
SLU-GEO-061 MIN	26	1061	14	5.20	198	210	**206**	7811	**4340**
SLU-GEO-062 MAX	26	1061	14	5.20	198	210	**206**	7811	**4340**
SLU-GEO-062 MIN	26	1061	14	5.20	198	210	**206**	7811	**4340**
SLU-GEO-063 MAX	26	1061	14	5.20	198	210	**206**	7811	**4340**
SLU-GEO-063 MIN	26	1061	14	5.20	198	210	**206**	7811	**4340**
SLU-GEO-064 MAX	26	1061	14	5.20	198	210	**206**	7811	**4340**
SLU-GEO-064 MIN	26	1061	14	5.20	198	210	**206**	7811	**4340**
SLU-GEO-065 MAX	13	905	7	5.20	171	177	**175**	7905	**4391**
SLU-GEO-065 MIN	13	905	7	5.20	171	177	**175**	7905	**4391**
SLU-GEO-066 MAX	13	905	7	5.20	171	177	**175**	7905	**4391**
SLU-GEO-066 MIN	13	905	7	5.20	171	177	**175**	7905	**4391**
SLU-GEO-067 MAX	13	905	7	5.20	171	177	**175**	7905	**4391**
SLU-GEO-067 MIN	13	905	7	5.20	171	177	**175**	7905	**4391**
SLU-GEO-068 MAX	13	905	7	5.20	171	177	**175**	7905	**4391**
SLU-GEO-068 MIN	13	905	7	5.20	171	177	**175**	7905	**4391**
SLU-GEO-069 MAX	26	905	14	5.20	168	180	**176**	7772	**4318**
SLU-GEO-069 MIN	26	905	14	5.20	168	180	**176**	7772	**4318**
SLU-GEO-070 MAX	26	905	14	5.20	168	180	**176**	7772	**4318**
SLU-GEO-070 MIN	26	905	14	5.20	168	180	**176**	7772	**4318**
SLU-GEO-071 MAX	26	905	14	5.20	168	180	**176**	7772	**4318**
SLU-GEO-071 MIN	26	905	14	5.20	168	180	**176**	7772	**4318**
SLU-GEO-072 MAX	26	905	14	5.20	168	180	**176**	7772	**4318**
SLU-GEO-072 MIN	26	905	14	5.20	168	180	**176**	7772	**4318**
SLU-GEO-073 MAX	123	985	72	5.20	162	217	**199**	6803	**3779**
SLU-GEO-073 MIN	123	985	72	5.20	162	217	**199**	6803	**3779**
SLU-GEO-074 MAX	123	985	72	5.20	162	217	**199**	6803	**3779**
SLU-GEO-074 MIN	123	985	72	5.20	162	217	**199**	6803	**3779**
SLU-GEO-075 MAX	123	985	72	5.20	162	217	**199**	6803	**3779**
SLU-GEO-075 MIN	123	985	72	5.20	162	217	**199**	6803	**3779**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-076 MAX	123	985	72	5.20	162	217	**199**	6803	**3779**
SLU-GEO-076 MIN	123	985	72	5.20	162	217	**199**	6803	**3779**
SLU-GEO-077 MAX	123	829	72	5.20	132	187	**169**	6584	**3658**
SLU-GEO-077 MIN	123	829	72	5.20	132	187	**169**	6584	**3658**
SLU-GEO-078 MAX	123	829	72	5.20	132	187	**169**	6584	**3658**
SLU-GEO-078 MIN	123	829	72	5.20	132	187	**169**	6584	**3658**
SLU-GEO-079 MAX	123	829	72	5.20	132	187	**169**	6584	**3658**
SLU-GEO-079 MIN	123	829	72	5.20	132	187	**169**	6584	**3658**
SLU-GEO-080 MAX	123	829	72	5.20	132	187	**169**	6584	**3658**
SLU-GEO-080 MIN	123	829	72	5.20	132	187	**169**	6584	**3658**
SLU-GEO-081 MAX	143	1061	82	5.20	172	236	**215**	6731	**3740**
SLU-GEO-081 MIN	143	1061	82	5.20	172	236	**215**	6731	**3740**
SLU-GEO-082 MAX	143	1061	82	5.20	172	236	**215**	6731	**3740**
SLU-GEO-082 MIN	143	1061	82	5.20	172	236	**215**	6731	**3740**
SLU-GEO-083 MAX	143	1061	82	5.20	172	236	**215**	6731	**3740**
SLU-GEO-083 MIN	143	1061	82	5.20	172	236	**215**	6731	**3740**
SLU-GEO-084 MAX	143	1061	82	5.20	172	236	**215**	6731	**3740**
SLU-GEO-084 MIN	143	1061	82	5.20	172	236	**215**	6731	**3740**
SLU-GEO-085 MAX	149	1061	86	5.20	171	237	**216**	6680	**3711**
SLU-GEO-085 MIN	149	1061	86	5.20	171	237	**216**	6680	**3711**
SLU-GEO-086 MAX	149	1061	86	5.20	171	237	**216**	6680	**3711**
SLU-GEO-086 MIN	149	1061	86	5.20	171	237	**216**	6680	**3711**
SLU-GEO-087 MAX	149	1061	86	5.20	171	237	**216**	6680	**3711**
SLU-GEO-087 MIN	149	1061	86	5.20	171	237	**216**	6680	**3711**
SLU-GEO-088 MAX	149	1061	86	5.20	171	237	**216**	6680	**3711**
SLU-GEO-088 MIN	149	1061	86	5.20	171	237	**216**	6680	**3711**
SLU-GEO-089 MAX	143	905	82	5.20	142	206	**185**	6520	**3622**
SLU-GEO-089 MIN	143	905	82	5.20	142	206	**185**	6520	**3622**
SLU-GEO-090 MAX	143	905	82	5.20	142	206	**185**	6520	**3622**
SLU-GEO-090 MIN	143	905	82	5.20	142	206	**185**	6520	**3622**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-091 MAX	143	905	82	5.20	142	206	**185**	6520	**3622**
SLU-GEO-091 MIN	143	905	82	5.20	142	206	**185**	6520	**3622**
SLU-GEO-092 MAX	143	905	82	5.20	142	206	**185**	6520	**3622**
SLU-GEO-092 MIN	143	905	82	5.20	142	206	**185**	6520	**3622**
SLU-GEO-093 MAX	149	905	86	5.20	141	207	**186**	6461	**3589**
SLU-GEO-093 MIN	149	905	86	5.20	141	207	**186**	6461	**3589**
SLU-GEO-094 MAX	149	905	86	5.20	141	207	**186**	6461	**3589**
SLU-GEO-094 MIN	149	905	86	5.20	141	207	**186**	6461	**3589**
SLU-GEO-095 MAX	149	905	86	5.20	141	207	**186**	6461	**3589**
SLU-GEO-095 MIN	149	905	86	5.20	141	207	**186**	6461	**3589**
SLU-GEO-096 MAX	149	905	86	5.20	141	207	**186**	6461	**3589**
SLU-GEO-096 MIN	149	905	86	5.20	141	207	**186**	6461	**3589**
SLU-GEO-097 MAX	273	1086	81	5.20	148	269	**231**	6719	**3733**
SLU-GEO-097 MIN	273	1086	81	5.20	148	269	**231**	6719	**3733**
SLU-GEO-098 MAX	273	1086	81	5.20	148	269	**231**	6719	**3733**
SLU-GEO-098 MIN	273	1086	81	5.20	148	269	**231**	6719	**3733**
SLU-GEO-099 MAX	273	1086	81	5.20	148	269	**231**	6719	**3733**
SLU-GEO-099 MIN	273	1086	81	5.20	148	269	**231**	6719	**3733**
SLU-GEO-100 MAX	273	1086	81	5.20	148	269	**231**	6719	**3733**
SLU-GEO-100 MIN	273	1086	81	5.20	148	269	**231**	6719	**3733**
SLU-GEO-101 MAX	301	1086	96	5.20	142	276	**234**	6506	**3614**
SLU-GEO-101 MIN	301	1086	96	5.20	142	276	**234**	6506	**3614**
SLU-GEO-102 MAX	301	1086	96	5.20	142	276	**234**	6506	**3614**
SLU-GEO-102 MIN	301	1086	96	5.20	142	276	**234**	6506	**3614**
SLU-GEO-103 MAX	301	1086	96	5.20	142	276	**234**	6506	**3614**
SLU-GEO-103 MIN	301	1086	96	5.20	142	276	**234**	6506	**3614**
SLU-GEO-104 MAX	301	1086	96	5.20	142	276	**234**	6506	**3614**
SLU-GEO-104 MIN	301	1086	96	5.20	142	276	**234**	6506	**3614**
SLU-GEO-105 MAX	273	930	81	5.20	118	240	**202**	6512	**3618**
SLU-GEO-105 MIN	273	930	81	5.20	118	240	**202**	6512	**3618**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-106 MAX	273	930	81	5.20	118	240	**202**	6512	**3618**
SLU-GEO-106 MIN	273	930	81	5.20	118	240	**202**	6512	**3618**
SLU-GEO-107 MAX	273	930	81	5.20	118	240	**202**	6512	**3618**
SLU-GEO-107 MIN	273	930	81	5.20	118	240	**202**	6512	**3618**
SLU-GEO-108 MAX	273	930	81	5.20	118	240	**202**	6512	**3618**
SLU-GEO-108 MIN	273	930	81	5.20	118	240	**202**	6512	**3618**
SLU-GEO-109 MAX	301	930	96	5.20	112	246	**204**	6269	**3483**
SLU-GEO-109 MIN	301	930	96	5.20	112	246	**204**	6269	**3483**
SLU-GEO-110 MAX	301	930	96	5.20	112	246	**204**	6269	**3483**
SLU-GEO-110 MIN	301	930	96	5.20	112	246	**204**	6269	**3483**
SLU-GEO-111 MAX	301	930	96	5.20	112	246	**204**	6269	**3483**
SLU-GEO-111 MIN	301	930	96	5.20	112	246	**204**	6269	**3483**
SLU-GEO-112 MAX	301	930	96	5.20	112	246	**204**	6269	**3483**
SLU-GEO-112 MIN	301	930	96	5.20	112	246	**204**	6269	**3483**
SLU-GEO-113 MAX	486	1086	205	5.20	101	317	**252**	5058	**2810**
SLU-GEO-113 MIN	486	1086	205	5.20	101	317	**252**	5058	**2810**
SLU-GEO-114 MAX	486	1086	205	5.20	101	317	**252**	5058	**2810**
SLU-GEO-114 MIN	486	1086	205	5.20	101	317	**252**	5058	**2810**
SLU-GEO-115 MAX	486	1086	205	5.20	101	317	**252**	5058	**2810**
SLU-GEO-115 MIN	486	1086	205	5.20	101	317	**252**	5058	**2810**
SLU-GEO-116 MAX	486	1086	205	5.20	101	317	**252**	5058	**2810**
SLU-GEO-116 MIN	486	1086	205	5.20	101	317	**252**	5058	**2810**
SLU-GEO-117 MAX	500	1086	212	5.20	98	320	**254**	4968	**2760**
SLU-GEO-117 MIN	500	1086	212	5.20	98	320	**254**	4968	**2760**
SLU-GEO-118 MAX	500	1086	212	5.20	98	320	**254**	4968	**2760**
SLU-GEO-118 MIN	500	1086	212	5.20	98	320	**254**	4968	**2760**
SLU-GEO-119 MAX	500	1086	212	5.20	98	320	**254**	4968	**2760**
SLU-GEO-119 MIN	500	1086	212	5.20	98	320	**254**	4968	**2760**
SLU-GEO-120 MAX	500	1086	212	5.20	98	320	**254**	4968	**2760**
SLU-GEO-120 MIN	500	1086	212	5.20	98	320	**254**	4968	**2760**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-121 MAX	487	930	205	5.20	71	287	**224**	4640	**2578**
SLU-GEO-121 MIN	487	930	205	5.20	71	287	**224**	4640	**2578**
SLU-GEO-122 MAX	487	930	205	5.20	71	287	**224**	4640	**2578**
SLU-GEO-122 MIN	487	930	205	5.20	71	287	**224**	4640	**2578**
SLU-GEO-123 MAX	487	930	205	5.20	71	287	**224**	4640	**2578**
SLU-GEO-123 MIN	487	930	205	5.20	71	287	**224**	4640	**2578**
SLU-GEO-124 MAX	487	930	205	5.20	71	287	**224**	4640	**2578**
SLU-GEO-124 MIN	487	930	205	5.20	71	287	**224**	4640	**2578**
SLU-GEO-125 MAX	500	930	212	5.20	68	290	**225**	4540	**2522**
SLU-GEO-125 MIN	500	930	212	5.20	68	290	**225**	4540	**2522**
SLU-GEO-126 MAX	500	930	212	5.20	68	290	**225**	4540	**2522**
SLU-GEO-126 MIN	500	930	212	5.20	68	290	**225**	4540	**2522**
SLU-GEO-127 MAX	500	930	212	5.20	68	290	**225**	4540	**2522**
SLU-GEO-127 MIN	500	930	212	5.20	68	290	**225**	4540	**2522**
SLU-GEO-128 MAX	500	930	212	5.20	68	290	**225**	4540	**2522**
SLU-GEO-128 MIN	500	930	212	5.20	68	290	**225**	4540	**2522**
SLU-GEO-129 MAX	263	1086	75	5.20	151	267	**230**	6802	**3779**
SLU-GEO-129 MIN	263	1086	75	5.20	151	267	**230**	6802	**3779**
SLU-GEO-130 MAX	263	1086	75	5.20	151	267	**230**	6802	**3779**
SLU-GEO-130 MIN	263	1086	75	5.20	151	267	**230**	6802	**3779**
SLU-GEO-131 MAX	263	1086	75	5.20	151	267	**230**	6802	**3779**
SLU-GEO-131 MIN	263	1086	75	5.20	151	267	**230**	6802	**3779**
SLU-GEO-132 MAX	263	1086	75	5.20	151	267	**230**	6802	**3779**
SLU-GEO-132 MIN	263	1086	75	5.20	151	267	**230**	6802	**3779**
SLU-GEO-133 MAX	279	1086	85	5.20	147	271	**232**	6668	**3705**
SLU-GEO-133 MIN	279	1086	85	5.20	147	271	**232**	6668	**3705**
SLU-GEO-134 MAX	279	1086	85	5.20	147	271	**232**	6668	**3705**
SLU-GEO-134 MIN	279	1086	85	5.20	147	271	**232**	6668	**3705**
SLU-GEO-135 MAX	279	1086	85	5.20	147	271	**232**	6668	**3705**
SLU-GEO-135 MIN	279	1086	85	5.20	147	271	**232**	6668	**3705**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-136 MAX	279	1086	85	5.20	147	271	**232**	6668	**3705**
SLU-GEO-136 MIN	279	1086	85	5.20	147	271	**232**	6668	**3705**
SLU-GEO-137 MAX	263	930	75	5.20	121	237	**201**	6607	**3671**
SLU-GEO-137 MIN	263	930	75	5.20	121	237	**201**	6607	**3671**
SLU-GEO-138 MAX	263	930	75	5.20	121	237	**201**	6607	**3671**
SLU-GEO-138 MIN	263	930	75	5.20	121	237	**201**	6607	**3671**
SLU-GEO-139 MAX	263	930	75	5.20	121	237	**201**	6607	**3671**
SLU-GEO-139 MIN	263	930	75	5.20	121	237	**201**	6607	**3671**
SLU-GEO-140 MAX	263	930	75	5.20	121	237	**201**	6607	**3671**
SLU-GEO-140 MIN	263	930	75	5.20	121	237	**201**	6607	**3671**
SLU-GEO-141 MAX	280	930	85	5.20	117	241	**202**	6455	**3586**
SLU-GEO-141 MIN	280	930	85	5.20	117	241	**202**	6455	**3586**
SLU-GEO-142 MAX	280	930	85	5.20	117	241	**202**	6455	**3586**
SLU-GEO-142 MIN	280	930	85	5.20	117	241	**202**	6455	**3586**
SLU-GEO-143 MAX	280	930	85	5.20	117	241	**202**	6455	**3586**
SLU-GEO-143 MIN	280	930	85	5.20	117	241	**202**	6455	**3586**
SLU-GEO-144 MAX	280	930	85	5.20	117	241	**202**	6455	**3586**
SLU-GEO-144 MIN	280	930	85	5.20	117	241	**202**	6455	**3586**
SLU-GEO-145 MAX	394	1086	152	5.20	121	296	**243**	5732	**3184**
SLU-GEO-145 MIN	394	1086	152	5.20	121	296	**243**	5732	**3184**
SLU-GEO-146 MAX	394	1086	152	5.20	121	296	**243**	5732	**3184**
SLU-GEO-146 MIN	394	1086	152	5.20	121	296	**243**	5732	**3184**
SLU-GEO-147 MAX	394	1086	152	5.20	121	296	**243**	5732	**3184**
SLU-GEO-147 MIN	394	1086	152	5.20	121	296	**243**	5732	**3184**
SLU-GEO-148 MAX	394	1086	152	5.20	121	296	**243**	5732	**3184**
SLU-GEO-148 MIN	394	1086	152	5.20	121	296	**243**	5732	**3184**
SLU-GEO-149 MAX	403	1086	157	5.20	119	298	**244**	5672	**3151**
SLU-GEO-149 MIN	403	1086	157	5.20	119	298	**244**	5672	**3151**
SLU-GEO-150 MAX	403	1086	157	5.20	119	298	**244**	5672	**3151**
SLU-GEO-150 MIN	403	1086	157	5.20	119	298	**244**	5672	**3151**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-GEO-151 MAX	403	1086	157	5.20	119	298	**244**	5672	**3151**
SLU-GEO-151 MIN	403	1086	157	5.20	119	298	**244**	5672	**3151**
SLU-GEO-152 MAX	403	1086	157	5.20	119	298	**244**	5672	**3151**
SLU-GEO-152 MIN	403	1086	157	5.20	119	298	**244**	5672	**3151**
SLU-GEO-153 MAX	395	930	152	5.20	91	266	**214**	5393	**2996**
SLU-GEO-153 MIN	395	930	152	5.20	91	266	**214**	5393	**2996**
SLU-GEO-154 MAX	395	930	152	5.20	91	266	**214**	5393	**2996**
SLU-GEO-154 MIN	395	930	152	5.20	91	266	**214**	5393	**2996**
SLU-GEO-155 MAX	395	930	152	5.20	91	266	**214**	5393	**2996**
SLU-GEO-155 MIN	395	930	152	5.20	91	266	**214**	5393	**2996**
SLU-GEO-156 MAX	395	930	152	5.20	91	266	**214**	5393	**2996**
SLU-GEO-156 MIN	395	930	152	5.20	91	266	**214**	5393	**2996**
SLU-GEO-157 MAX	403	930	157	5.20	89	268	**215**	5325	**2958**
SLU-GEO-157 MIN	403	930	157	5.20	89	268	**215**	5325	**2958**
SLU-GEO-158 MAX	403	930	157	5.20	89	268	**215**	5325	**2958**
SLU-GEO-158 MIN	403	930	157	5.20	89	268	**215**	5325	**2958**
SLU-GEO-159 MAX	403	930	157	5.20	89	268	**215**	5325	**2958**
SLU-GEO-159 MIN	403	930	157	5.20	89	268	**215**	5325	**2958**
SLU-GEO-160 MAX	403	930	157	5.20	89	268	**215**	5325	**2958**
SLU-GEO-160 MIN	403	930	157	5.20	89	268	**215**	5325	**2958**
SLU-SIS-01 MAX	1037	967	376	4.58	0	422	**317**	2732	**1518**
SLU-SIS-01 MIN	1037	967	376	4.58	0	422	**317**	2732	**1518**
SLU-SIS-02 MAX	1037	967	376	4.58	0	422	**317**	2732	**1518**
SLU-SIS-02 MIN	1037	967	376	4.58	0	422	**317**	2732	**1518**
SLU-SIS-03 MAX	1037	967	376	4.58	0	422	**317**	2732	**1518**
SLU-SIS-03 MIN	1037	967	376	4.58	0	422	**317**	2732	**1518**
SLU-SIS-04 MAX	1037	967	376	4.58	0	422	**317**	2732	**1518**
SLU-SIS-04 MIN	1037	967	376	4.58	0	422	**317**	2732	**1518**
SLU-SIS-05 MAX	1031	841	371	4.12	0	408	**306**	2262	**1257**
SLU-SIS-05 MIN	1031	841	371	4.12	0	408	**306**	2262	**1257**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-SIS-06 MAX	1031	841	371	4.12	0	408	**306**	2262	**1257**
SLU-SIS-06 MIN	1031	841	371	4.12	0	408	**306**	2262	**1257**
SLU-SIS-07 MAX	1031	841	371	4.12	0	408	**306**	2262	**1257**
SLU-SIS-07 MIN	1031	841	371	4.12	0	408	**306**	2262	**1257**
SLU-SIS-08 MAX	1031	841	371	4.12	0	408	**306**	2262	**1257**
SLU-SIS-08 MIN	1031	841	371	4.12	0	408	**306**	2262	**1257**
SLU-SIS-09 MAX	205	1009	51	5.20	149	239	**210**	7116	**3953**
SLU-SIS-09 MIN	205	1009	51	5.20	149	239	**210**	7116	**3953**
SLU-SIS-10 MAX	205	1009	51	5.20	149	239	**210**	7116	**3953**
SLU-SIS-10 MIN	205	1009	51	5.20	149	239	**210**	7116	**3953**
SLU-SIS-11 MAX	205	1009	51	5.20	149	239	**210**	7116	**3953**
SLU-SIS-11 MIN	205	1009	51	5.20	149	239	**210**	7116	**3953**
SLU-SIS-12 MAX	205	1009	51	5.20	149	239	**210**	7116	**3953**
SLU-SIS-12 MIN	205	1009	51	5.20	149	239	**210**	7116	**3953**
SLU-SIS-13 MAX	203	871	49	5.20	123	213	**184**	7004	**3891**
SLU-SIS-13 MIN	203	871	49	5.20	123	213	**184**	7004	**3891**
SLU-SIS-14 MAX	203	871	49	5.20	123	213	**184**	7004	**3891**
SLU-SIS-14 MIN	203	871	49	5.20	123	213	**184**	7004	**3891**
SLU-SIS-15 MAX	203	871	49	5.20	123	213	**184**	7004	**3891**
SLU-SIS-15 MIN	203	871	49	5.20	123	213	**184**	7004	**3891**
SLU-SIS-16 MAX	203	871	49	5.20	123	213	**184**	7004	**3891**
SLU-SIS-16 MIN	203	871	49	5.20	123	213	**184**	7004	**3891**
SLU-SIS-17 MAX	167	967	99	5.20	149	223	**199**	6353	**3529**
SLU-SIS-17 MIN	167	967	99	5.20	149	223	**199**	6353	**3529**
SLU-SIS-18 MAX	167	967	99	5.20	149	223	**199**	6353	**3529**
SLU-SIS-18 MIN	167	967	99	5.20	149	223	**199**	6353	**3529**
SLU-SIS-19 MAX	167	967	99	5.20	149	223	**199**	6353	**3529**
SLU-SIS-19 MIN	167	967	99	5.20	149	223	**199**	6353	**3529**
SLU-SIS-20 MAX	167	967	99	5.20	149	223	**199**	6353	**3529**
SLU-SIS-20 MIN	167	967	99	5.20	149	223	**199**	6353	**3529**

Comb.	M [kNm/m]	N [kN/m]	H [kN/m]	B_{reag} [m]	σ_{min} [kN/m^2]	σ_{max} [kN/m^2]	σ_{Sd} [kN/m^2]	σ_{lim} [kN/m^2]	σ_{Rd} [kN/m^2]
SLU-SIS-21 MAX	160	841	94	5.20	126	197	**175**	6210	**3450**
SLU-SIS-21 MIN	160	841	94	5.20	126	197	**175**	6210	**3450**
SLU-SIS-22 MAX	160	841	94	5.20	126	197	**175**	6210	**3450**
SLU-SIS-22 MIN	160	841	94	5.20	126	197	**175**	6210	**3450**
SLU-SIS-23 MAX	160	841	94	5.20	126	197	**175**	6210	**3450**
SLU-SIS-23 MIN	160	841	94	5.20	126	197	**175**	6210	**3450**
SLU-SIS-24 MAX	160	841	94	5.20	126	197	**175**	6210	**3450**
SLU-SIS-24 MIN	160	841	94	5.20	126	197	**175**	6210	**3450**
SLU-SIS-25 MAX	68	1009	40	5.20	179	209	**199**	7362	**4090**
SLU-SIS-25 MIN	68	1009	40	5.20	179	209	**199**	7362	**4090**
SLU-SIS-26 MAX	68	1009	40	5.20	179	209	**199**	7362	**4090**
SLU-SIS-26 MIN	68	1009	40	5.20	179	209	**199**	7362	**4090**
SLU-SIS-27 MAX	68	1009	40	5.20	179	209	**199**	7362	**4090**
SLU-SIS-27 MIN	68	1009	40	5.20	179	209	**199**	7362	**4090**
SLU-SIS-28 MAX	68	1009	40	5.20	179	209	**199**	7362	**4090**
SLU-SIS-28 MIN	68	1009	40	5.20	179	209	**199**	7362	**4090**
SLU-SIS-29 MAX	70	871	41	5.20	152	183	**173**	7230	**4017**
SLU-SIS-29 MIN	70	871	41	5.20	152	183	**173**	7230	**4017**
SLU-SIS-30 MAX	70	871	41	5.20	152	183	**173**	7230	**4017**
SLU-SIS-30 MIN	70	871	41	5.20	152	183	**173**	7230	**4017**
SLU-SIS-31 MAX	70	871	41	5.20	152	183	**173**	7230	**4017**
SLU-SIS-31 MIN	70	871	41	5.20	152	183	**173**	7230	**4017**
SLU-SIS-32 MAX	70	871	41	5.20	152	183	**173**	7230	**4017**
SLU-SIS-32 MIN	70	871	41	5.20	152	183	**173**	7230	**4017**

In tutte le combinazioni di carico analizzate la portata della fondazione risulta verificata.

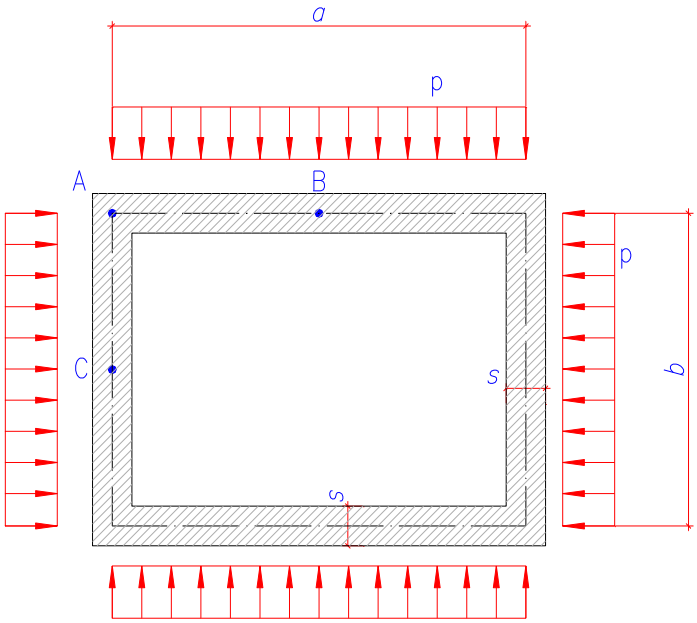
8 ANALISI POZZETTO DI CADUTA

Per il dimensionamento delle camerette di ispezione si considera il massimo ricoprimento H = 12.0 m e le dimensioni interne in pianta 3.00 m X 4.00 m, lo spessore delle pareti è pari a 0.60 m.

8.1 ANALISI STATICA RITTI SEZIONE TRASVERSALE

8.1.1 SCHEMA STATICO

L'analisi statica è stata svolta studiando tre sezioni trasversali della cameretta di ispezione, di dimensioni *a* ◘ *b*, come telaio chiuso soggetto a carichi distribuiti uniformi di valore *p*.



Per quanto riguarda la caratterizzazione geotecnica si rimanda completamente ai paragrafi precedenti.

Le principali caratteristiche geometriche utilizzate nel calcolo del telaio sono le seguenti:

Dimensioni (m)	Spessore (m)	Profondità (m)
3.60 ◘ 4.60	0.60	12.00

8.1.2 ANALISI DEI CARICHI

Per il calcolo della struttura si sono considerati i seguenti carichi:

Spinta laterale del terreno (a riposo)

La spinta laterale del terreno sulla struttura avrà una distribuzione triangolare con un valore massimo alla base. I valori di spinta assunti nel calcolo della struttura si ottengono tramite la seguente formula:

$$S_T \quad k_0 \quad h_T \quad 0.38 \;\; 20 \;\; 12.0 \quad 91.20\,kN/m^2$$

Spinta del sovraccarico accidentale sulla parete laterale della cameretta

Considerando un sovraccarico agente sul terreno pari a 20.0 kN/m^2 posizionato in modo tale da generare delle spinte orizzontali sulla parete della struttura.

$$S_{ACC} \quad q \;\; k_0 \quad 20.00 \;\; 0.38 \quad 7.60\,kN/m^2$$

8.1.3 CALCOLO DELLE SOLLECITAZIONI

Con riferimento allo schema statico riportato precedentemente si ottiene il carico uniformemente distribuito sommando il contributo del sovraccarico accidentale a quello della spinta del terreno:

SLE	$p = S_T + S_{ACC} =$	98.80 kN/m^2
SLU	$p = 1.35 \cdot S_T + 1.35 \cdot S_{ACC} =$	133.38 kN/m^2
FESS_QP	$p = S_T =$	91.20 kN/m^2
FESS_FR	$p = S_T + 0.7 \cdot S_{ACC} =$	96.52 kN/m^2

Considerando il rapporto k dato da:

$$k \quad \frac{b}{a} \quad 1.28$$

$$N_B \quad \frac{p \quad b}{2} \; ; \; M_A \quad \frac{p \quad a^2 \quad b^2 \quad k}{12 \quad (1 \quad k)} \; ; \; M_B \quad \frac{p \quad a^2}{8} \quad M_A \; , \; N_C \quad \frac{p \quad a}{2} \; ; \; M_C \quad \frac{p \quad b^2}{8} \quad M_A \; ; \; T_{MAX} \quad N_B \quad N_C$$

si ottengono le seguenti sollecitazioni:

	N_B [kN]	M_A [kNm]	M_B [kNm]	N_c [kN]	M_C [kNm]	T_{MAX} [kN]
SLE	227.24	144.58	-15.48	177.84	-116.75	227.24
SLU	306.77	195.18	-20.90	240.08	-157.61	306.77
FESS_QP	209.76	133.46	-14.29	164.16	-107.77	209.76
FESS_FR	222.00	141.24	-15.12	173.74	-114.05	222.00

8.2 VERIFICHE A STATO LIMITE DI ESERCIZIO

Tutte le condizioni di carico vengono utilizzate per le verifiche a Stato Limite di Esercizio, mentre per le verifiche a Stato Limite di Fessurazione vengono utilizzate le sole condizioni di carico 3-4 (combinazioni Frequenti) e 5-6 (combinazioni Quasi Permanenti).

```
Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Coefficiente d'omogeneizzazione dell'armatura =15

Condizione di carico 1

Momento        =     144.6(KN.m)
Sforzo normale =    -177.8(KN)

Compressione massima nel calcestruzzo   =   -5.32(N/mm²)
Trazione massima nell'acciaio           =  258.12(N/mm²)
Distanza asse neutro da lembo compresso =   12.8 (cm)
Braccio di leva interno           =   47.7 (cm)

Condizione di carico 2

Momento        =    -116.8(KN.m)
Sforzo normale =    -177.8(KN)

Compressione massima nel calcestruzzo   =   -4.26(N/mm²)
Trazione massima nell'acciaio           =  188.00(N/mm²)
Distanza asse neutro da lembo compresso =   13.8 (cm)
Braccio di leva interno           =   46.1 (cm)

Condizione di carico 3

Momento        =     141.2(KN.m)
Sforzo normale =    -173.7(KN)

Compressione massima nel calcestruzzo   =   -5.20(N/mm²)
Trazione massima nell'acciaio           =  252.15(N/mm²)
Distanza asse neutro da lembo compresso =   12.8 (cm)
Braccio di leva interno           =   47.7 (cm)

Condizione di carico 4

Momento        =    -114.1(KN.m)
```

```
Sforzo normale =    -173.7(KN)

Compressione massima nel calcestruzzo   =   -4.16(N/mm²)
Trazione massima nell'acciaio           =  183.65(N/mm²)
Distanza asse neutro da lembo compresso =   13.8 (cm)
Braccio di leva interno           =   46.1 (cm)

Condizione di carico 5

Momento        =     133.5(KN.m)
Sforzo normale =    -164.2(KN)

Compressione massima nel calcestruzzo   =   -4.92(N/mm²)
Trazione massima nell'acciaio           =  238.27(N/mm²)
Distanza asse neutro da lembo compresso =   12.8 (cm)
Braccio di leva interno           =   47.7 (cm)

Condizione di carico 6

Momento        =    -107.8(KN.m)
Sforzo normale =    -164.2(KN)

Compressione massima nel calcestruzzo   =   -3.93(N/mm²)
Trazione massima nell'acciaio           =  173.54(N/mm²)
Distanza asse neutro da lembo compresso =   13.8 (cm)
Braccio di leva interno           =   46.1 (cm)
```

Le tensioni nell’acciaio e nel calcestruzzo risultano inferiori alle tensioni limite da normativa.

8.3 VERIFICHE A STATO LIMITE DI FESSURAZIONE

8.3.1 COMBINAZIONI QUASI PERMANENTI

Momento positivo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'intradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (■  = 0.7 · 1.2·f_ctm) = 195.64 (KN.m)
Momento di fessurazione (■  = f_ctm)            = 232.91 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 202.62 (KN.m)
Momento di fessurazione (□  = f_ctm)            = -2.412E+02 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

8.3.2 COMBINAZIONI FREQUENTI

Momento positivo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'intradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm-1
Trazione calcestruzzo di fessurazione (fctm) =  31.5  kg/cm2
Momento di prima fessurazione (□  = 0.7 · 1.2·fctm) = 195.64 (KN.m)
Momento di fessurazione (□  = fctm)            = 232.91 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 202.62 (KN.m)
Momento di fessurazione (□  = f_ctm)            = -2.412E+02 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

8.4 VERIFICHE A STATO LIMITE ULTIMO

8.4.1 FLESSIONE

METODO SEMIPROBABILISTICO - VERIFICA A ROTTURA

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari - 3 Parametri geometrici -
Unita` di misura:(cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
h2 60.0 b3 100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a 5.7 cm da intradosso
5 ø14 mm posizionati a 54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²) a 30.0 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

Modulo Elastico acciaio normale = 210000.0(N/mm²)
Modulo Elastico calcestruzzo = 36000.0(N/mm²)
Resistenza cubica del calcestruzzo: R_{ck} = 40.00(N/mm²)
Resistenza cubica iniziale (alla tesatura):R_{ckj} = 32.00(N/mm²)
Soglia di snervamento acciaio normale: F_{yk} = 440.00(N/mm²)

Ipotesi di calcolo

Legge costitutiva del calcestruzzo : Parabola Rettangolo
Accorciamento ultimo a flessione = 0.3500 %
Accorciamento ultimo a compress. = 0.2000 %
Legge costitutiva dell'acciaio normale : Bilineare
Allungamento ultimo acciaio normale = 0.675 %
Coefficiente di sicurezza calcestruzzo : γ_c = 1.500
Coefficiente di sicurezza acciaio : γ_s = 1.150
Termine di lunga durata : F_1 = 0.850
Rapporto R_{cyl}/R_{cubo}: F_2 = 0.830
Resistenza di progetto calcestruzzo : $F_1 \cdot F_2 \cdot R_{cubo}/\gamma_c = 0.47R_{cubo}$
Resistenza di progetto dell'acciaio : $F_{sd} = F_{yk}/\gamma_s = 0.87F_{yk}$

Resistenze di progetto

Calcestruzzo = 18.81(N/mm²)
Acciaio normale = 382.61(N/mm²)

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Condizione di carico 1

Momento di Progetto M_d = 195.2(KN.m)
Sforzo di Progetto N_d = -240.1(KN)

Distanza asse neutro da lembo compresso = 6.7 (cm)
Momento di Rottura M_r = 218.5(KN.m)
Sforzo di Rottura N_r = -240.0(KN)
Rottura nel Dominio 2
Rapporto M_r/M_d = 1.12

Condizione di carico 2

Momento di Progetto M_d = -157.6(KN.m)
Sforzo di Progetto N_d = -240.1(KN)

Distanza asse neutro da lembo compresso = 6.7 (cm)
Momento di Rottura M_r = -218.5(KN.m)
Sforzo di Rottura N_r = -240.0(KN)
Rottura nel Dominio 2
Rapporto M_r/M_d = 1.386

8.4.2 TAGLIO

Verifiche senza armatura trasversale resistente a taglio

Con riferimento al paragrafo 4.1.2.1.3.1 del D.M. 14/01/2008, la resistenza alle sollecitazioni taglianti di elementi sprovvisti di apposita armatura a taglio è valutata con la seguente espressione:

$$V_{Rd} \quad [0.18 \;\; k \;\; (100 \quad {}_1 \;\; f_{ck})^{1/3} / \;\; {}_c \quad 0.15 \quad {}_{cp}] \;\; b_w \;\; d \quad (v_{min} \quad 0.15 \quad {}_{cp}) \;\; b_w \;\; d$$

con:

$$k \quad 1 \quad (200 / d)^{1/2} \quad 2$$

$$v_{min} \quad 0.035 \;\; k^{3/2} \;\; f_{ck}^{3/2}$$

dove: d = altezza utile della sezione (in mm);

$\square_1 = A_{sl} / (b_w \square d)$ = rapporto geometrico di armatura longitudinale ($\square$ 0.02);

$\square_{cp} = N_{Ed} / A_c$ = tensione media di compressione nella sezione ($\square$ 0.2$\square$ f_{cd});

b_w = larghezza minima della sezione (in mm).

Di seguito viene presentata la tabella di verifica della sezione.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	F_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**306.77**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**240.08**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**157.61**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**543**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	$\square$	=	**14**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	770	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	$\square_l$	=	0.0014	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.61	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.41	N/mm^2
Tensione media di compress. nella sezione (≤ $0.2 \square f_{cd}$)	$\square_{cp}$	=	0.44	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	259.07	kN
Resistenza ultima a taglio ($V_{Rd} \square V_{Rd,min}$)	V_{Rd}	=	**259.07**	kN

Poichè il taglio sollecitante (V_{Sd}) risulta maggiore del taglio resistente (V_{Rd}), la sezione deve essere armata a taglio.

<u>Verifiche con armatura trasversale resistente a taglio</u>

Con riferimento al paragrafo 4.1.2.1.3.1 del D.M. 14/01/2008, la resistenza alle sollecitazioni taglianti di elementi provvisti di apposita armatura a taglio è valutata con la seguente espressione:

$$V_{Rd} = \min[V_{Rsd}, V_{Rcd}]$$

con: V_{Rsd} = resistenza di calcolo a "taglio trazione" dell'armatura trasversale:

$$V_{Rsd} \quad 0.9 \ d \ \frac{A_{sw}}{s} \ f_{yd} \ [ctg(\ ) \quad ctg(\ )] \ sen(\ )$$

V_{Rcd} = resistenza di calcolo a "taglio compressione" del calcestruzzo d'anima:

$$V_{Rcd} \quad 0.9 \ d \ b_w \quad {}_c \ f'_{cd} \ [ctg(\ ) \quad ctg(\ )]/[1 \quad ctg^2(\ )]$$

dove: d = altezza utile della sezione (in mm);

$\square_{cp} = N_{Ed} / A_c$ = tensione media di compressione nella sezione;

b_w = larghezza minima della sezione (in mm);

A_{sw} = area dell'armatura trasversale (in mm^2);

s = interasse tra due armature trasversali consecutive (in mm);

$\square$ = angolo d'inclinazione dell'armatura trasversale rispetto all'asse dell'elemento;

f'_{cd} = resistenza a compressione ridotta del cls d'anima ($f'_{cd} = 0.5 \ \square \ f_{cd}$);

$\square_c$ = coefficiente maggiorativo pari a:

1	per membrature compr.;
$1+ \square_{cp}/f_{cd}$	per $0 \ \square \ \square_{cp} < 0.25 f_{cd}$
1.25	per $0.25 f_{cd} \ \square \ \square_{cp} \ \square \ 0.5 f_{cd}$
$2.5(1- \square_{cp}/f_{cd})$	per $0.5 f_{cd} < \square_{cp} < f_{cd}$

Di seguito viene presentata la tabella di verifica della sezione.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	F_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**306.77**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**240.08**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**157.61**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**543**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	¤	=	**14**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	770	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	$¤_l$	=	0.0014	-

Armatura aggiuntiva resistente a taglio:

Angolo d'inclinaz. armatura trasv. su asse dell'elemento	¤	=	**45**	°
Diametro ferri a taglio	$¤_{sw}$	=	**10**	mm
Numero dei bracci in sezione trasversale	$n°_{sw}$	=	**5**	-
Passo in direzione asse elemento	s	=	**200**	mm
Area totale di armatura a taglio	A_{sw}	=	395	mm^2

Fattori di resistenza a compressione:

Angolo di inclinazione dei puntoni di cls	¤	=	**45**	°
Resistenza a compressione ridotta del cls d'anima	f'_{cd}	=	9.41	N/mm^2
Tensione media di compressione nella sezione	$¤_{cp}$	=	0.44	N/mm^2
Coefficiente maggiorativo per membrature compresse	$¤_c$	=	1.02	-

Calcolo del taglio resistente:

Resistenza di calcolo a "taglio trazione" dell'armatura	V_{Rsd}	=	534.12	kN
Resistenza di calcolo a "taglio compressione" del cls	V_{Rcd}	=	4705.07	kN
Resistenza ultima a taglio	V_{Rd}	=	**534.12**	kN

Utilizzando ferri piegati a 45° ◘ 10/20/20cm, il taglio resistente (V_{Rd}) risulta maggiore del taglio sollecitante (V_{Sd}): la verifica è pertanto soddisfatta.

8.5 ANALISI SOLETTA SUPERIORE

8.5.1 ANALISI DEI CARICHI

Per il calcolo della struttura si sono considerati i seguenti carichi:

Peso del terreno

Il peso del terreno posto al di sopra della soletta avrà una distribuzione triangolare con un valore massimo alla base. I valori di spinta assunti nel calcolo della struttura si ottengono tramite la seguente formula:

$$P_T \quad h_T \quad 20 \quad 2.0 \quad 40.00\,kN/m^2$$

Peso del sovraccarico accidentale sulla parete laterale del pozzo

Si considera un sovraccarico agente sul terreno pari a 20.0 kN/m^2:

$$P_{ACC} \quad q \quad 20.00\,kN/m^2$$

Il carico totale risulta pari a:

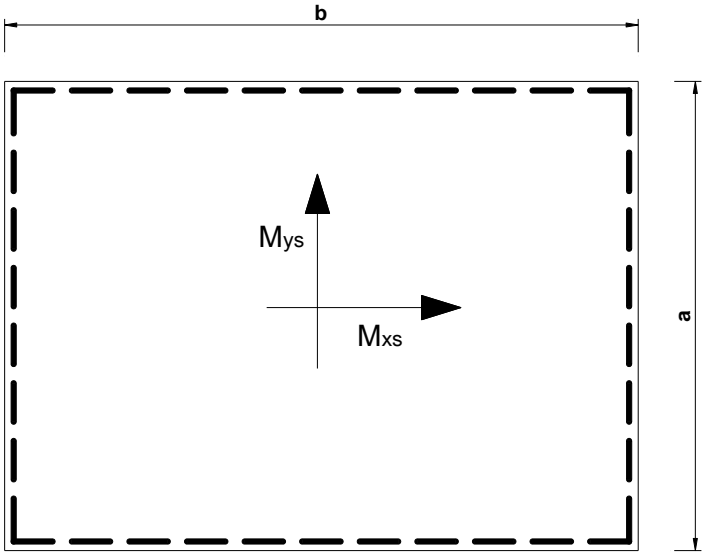
SLE	$p = P_T + P_{ACC} =$	60.00 kN/m^2
SLU	$p = 1.35 \cdot P_T + 1.35 \cdot P_{ACC} =$	81.00 kN/m^2
FESS_QP	$p = P_T =$	40.00 kN/m^2
FESS_FR	$p = P_T + 0.7 \cdot P_{ACC} =$	54.00 kN/m^2

8.5.2 CALCOLO DELLE SOLLECITAZIONI

Lo studio viene eseguito considerando una piastra di dimensioni pari a 4.6 m ◘ 3.6 m, a favore di sicurezza, per ottenere il massimo momento in campata, si ipotizzano come condizioni al contorno vincoli di semplice appoggio lungo i lati esterni della soletta, mentre per studiare gli effetti sul perimetro si ipotizza la piastra incastrata su tutti i lati.

Mediante l'impiego di opportune tabelle che analizzano il comportamento flessionale di piastre soggette a carico uniforme (cfr. "Calcolo di lastre e piastre con la teoria elastica lineare", Richard Bareš, 1986, Clup, Milano), è possibile valutare come segue i valori dei momenti flettenti massimi della piastra.

Nell'analisi non si considera la presenza del torrino di ispezione.



Schema struttura

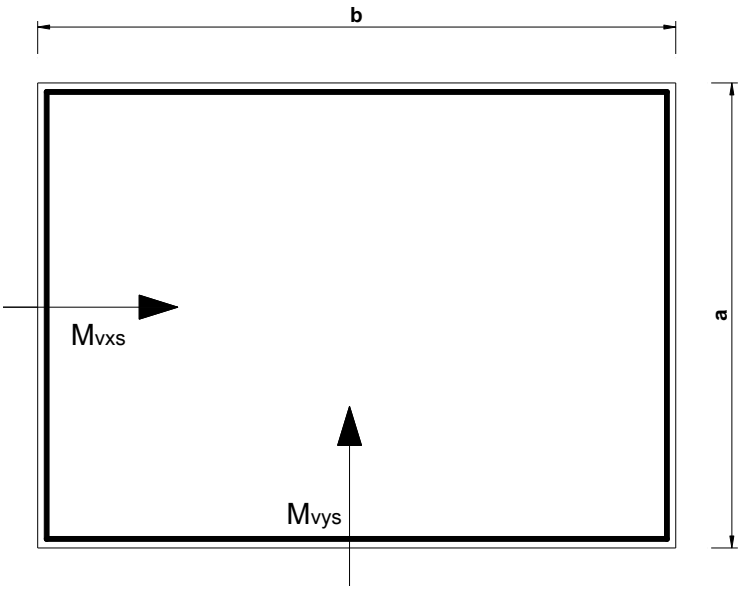
Essendo il rapporto tra i lati $\frac{a}{b}$ 1.28 dalle tabelle per l'analisi delle piastre rettangolari, si ottengono i seguenti valori di momento massimo in campata lungo le direzioni principali:

$$M_{xs} \quad k_{xs} \quad q \quad b^2$$

$$M_{ys} \quad k_{ys} \quad q \quad a^2$$

avendo assunto il coefficiente di Poisson pari a 0.15 e dove q rappresenta il carico uniformemente distribuito applicato sulla soletta.

Per ottenere il valore di massimo momento negativo si considera la piastra incastrata lungo i quattro lati:



Schema struttura momento negativo massimo

Si ottengono i seguenti valori di momento massimo lungo i lati incastrati:

$M_{xvs} \quad k_{vxs} \; q \; b^2$

$M_{yvs} \quad k_{vys} \; q \; a^2$

avendo assunto il coefficiente di Poisson pari a 0.15 e dove q rappresenta il carico uniformemente distribuito applicato sulla soletta.

k_{xs}	k_{ys}	k_{vxs}	k_{vys}
0.03	0.06	0.03	0.07

Coefficienti k

	M_{xs} [kNm]	M_{ys} [kNm]	M_{vxs} [kNm]	M_{vys} [kNm]	T [kNm]
SLE	32.36	48.89	-44.13	-52.84	--
SLU	43.69	65.99	-59.57	-71.34	186.30
FESS_QP	21.57	32.59	-28.44	-35.23	--
FESS_FR	29.12	44.00	-39.71	-47.56	--

Sollecitazioni

8.6 VERIFICHE A STATO LIMITE DI ESERCIZIO

Tutte le condizioni di carico vengono utilizzate per le verifiche a Stato Limite di Esercizio, mentre per le verifiche a Stato Limite di Fessurazione vengono utilizzate le sole condizioni di carico 3-4 (combinazioni Frequenti) e 5-6 (combinazioni Quasi Permanenti).

```
Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Coefficiente d'omogeneizzazione dell'armatura =15

Condizione di carico 1

Momento        =      48.9(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.80(N/mm²)
Trazione massima nell'acciaio           =  124.96(N/mm²)
Distanza asse neutro da lembo compresso =    9.7 (cm)
Braccio di leva interno           =   51.0 (cm)

Condizione di carico 2

Momento        =     -52.8(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.95(N/mm²)
Trazione massima nell'acciaio           =  135.06(N/mm²)
Distanza asse neutro da lembo compresso =    9.7 (cm)
Braccio di leva interno           =   51.0 (cm)

Condizione di carico 3

Momento        =      44.0(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.62(N/mm²)
Trazione massima nell'acciaio           =  112.46(N/mm²)
Distanza asse neutro da lembo compresso =    9.7 (cm)
Braccio di leva interno           =   51.0 (cm)

Condizione di carico 4

Momento        =     -47.6(KN.m)
```

```
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.76(N/mm²)
Trazione massima nell'acciaio           =  121.56(N/mm²)
Distanza asse neutro da lembo compresso =    9.7 (cm)
Braccio di leva interno           =   51.0 (cm)
```

Condizione di carico 5

```
Momento        =      32.6(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.20(N/mm²)
Trazione massima nell'acciaio           =   83.30(N/mm²)
Distanza asse neutro da lembo compresso =    9.7 (cm)
Braccio di leva interno           =   51.0 (cm)
```

Condizione di carico 6

```
Momento        =     -35.2(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.30(N/mm²)
Trazione massima nell'acciaio           =   90.05(N/mm²)
Distanza asse neutro da lembo compresso =    9.7 (cm)
Braccio di leva interno           =   51.0 (cm)
```

Le tensioni nell’acciaio e nel calcestruzzo risultano inferiori alle tensioni limite da normativa.

8.7 VERIFICHE A STATO LIMITE DI FESSURAZIONE

8.7.1 COMBINAZIONI QUASI PERMANENTI

Momento positivo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'intradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (■  = 0.7 · 1.2·f_ctm) = 170.72 (KN.m)
Momento di fessurazione (■  = f_ctm)            = 203.23 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 170.72 (KN.m)
Momento di fessurazione (□  = f_ctm)            = -2.032E+02 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

8.7.2 COMBINAZIONI FREQUENTI

Momento positivo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'intradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm-1
Trazione calcestruzzo di fessurazione (fctm) =  31.5  kg/cm2
Momento di prima fessurazione (■  = 0.7 · 1.2·fctm) = 170.72 (KN.m)
Momento di fessurazione (■  = fctm)            = 203.23 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

Momento negativo

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (□  = 0.7 · 1.2·f_ctm) = 170.72 (KN.m)
Momento di fessurazione (□  = f_ctm)            = -2.032E+02 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

8.8 VERIFICHE A STATO LIMITE ULTIMO

8.8.1 FLESSIONE

```
METODO SEMIPROBABILISTICO - VERIFICA A ROTTURA

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.7 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    30.0 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

Modulo Elastico acciaio normale          =  210000.0(N/mm²)
Modulo Elastico calcestruzzo             =   36000.0(N/mm²)
Resistenza cubica del calcestruzzo:  Rck  =   40.00(N/mm²)
Resistenza cubica iniziale (alla tesatura):Rckj  =   32.00(N/mm²)
Soglia di snervamento acciaio normale: Fyk       =  440.00(N/mm²)

Ipotesi di calcolo

Legge costitutiva del calcestruzzo :      Parabola Rettangolo
Accorciamento ultimo a flessione = 0.3500 %
Accorciamento ultimo a compress. = 0.2000 %
Legge costitutiva dell'acciaio normale :  Bilineare
Allungamento ultimo acciaio normale =  0.675 %
Coefficiente di sicurezza calcestruzzo : γc = 1.500
Coefficiente di sicurezza acciaio : γs = 1.150
Termine di lunga durata : F1 = 0.850
Rapporto Rcyl/Rcubo: F2 = 0.830
Resistenza di progetto calcestruzzo : F1·F2·Rcubo/γc = 0.47Rcubo
Resistenza di progetto dell'acciaio : Fsd = Fyk/γs = 0.87Fyk

Resistenze di progetto

Calcestruzzo             =   18.81(N/mm²)
Acciaio normale          =  382.61(N/mm²)

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Condizione di carico 1

Momento di Progetto Md  =      66.0(KN.m)
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    5.2 (cm)
Momento di Rottura  Mr  =     155.0(KN.m)
Sforzo di Rottura   Nr  =       0.5(KN)
Rottura nel Dominio  2
Rapporto Mr/Md  =  2.348
```

Condizione di carico 2

Momento di Progetto M_d = -71.3(KN.m)
Sforzo di Progetto N_d = 0.0(KN)

Distanza asse neutro da lembo compresso = 5.2 (cm)
Momento di Rottura M_r = -155.0(KN.m)
Sforzo di Rottura N_r = 0.5(KN)
Rottura nel Dominio 2
Rapporto M_r/M_d = 2.172

8.8.2 TAGLIO

Verifiche senza armatura trasversale resistente a taglio

Con riferimento al paragrafo 4.1.2.1.3.1 del D.M. 14/01/2008, la resistenza alle sollecitazioni taglianti di elementi sprovvisti di apposita armatura a taglio è valutata con la seguente espressione:

$$V_{Rd} \quad [0.18 \;\; k \;\; (100 \quad {}_1 \;\; f_{ck})^{1/3} \; / \; {}_c \quad 0.15 \quad {}_{cp}] \;\; b_w \;\; d \quad (v_{min} \quad 0.15 \quad {}_{cp}) \;\; b_w \;\; d$$

con:

$$k \quad 1 \quad (200 / d)^{1/2} \quad 2$$

$$v_{min} \quad 0.035 \;\; k^{3/2} \;\; f_{ck}^{\;3/2}$$

dove: d = altezza utile della sezione (in mm);

$\square_1 = A_{sl} / (b_w \square d)$ = rapporto geometrico di armatura longitudinale ($\square$ 0.02);

$\square_{cp} = N_{Ed} / A_c$ = tensione media di compressione nella sezione ($\square$ 0.2$\square$ f_{cd});

b_w = larghezza minima della sezione (in mm).

Di seguito viene presentata la tabella di verifica della sezione.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	F_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**186.30**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**0**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**0**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**543**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	$\square$	=	**14**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	770	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	$\square_l$	=	0.0022	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.61	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.41	N/mm^2
Tensione media di compress. nella sezione (≤ 0.2¤f_{cd})	¤$_{cp}$	=	0.00	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	223.06	kN
Resistenza ultima a taglio (V_{Rd} ¤ $V_{Rd,min}$)	V_{Rd}	=	**223.06**	kN

Dato che la verifica risulta soddisfatta non occorre disporre un'apposita armatura resistente a taglio.

9 ANALISI MURO DI SOSTEGNO

9.1 ANALISI DEI CARICHI

9.1.1 PESO PROPRIO

Il peso proprio del muro in c.a. è valutato in ragione di 25.0 kN/m^3.

Il muro oggetto di verifica ha la seguente geometria di calcolo: fondazione di lunghezza pari a 400 cm e spessore pari a 70 cm; elevazione (unica risega) di altezza pari a 480 cm e spessore di 60 cm.

9.1.2 SPINTA DELLE TERRE

Le spinte del terreno sono valutate in base alle caratteristiche geotecniche del terreno desunte dalla relazione geotecnica. Il valore di spinta sulla struttura è calcolato secondo la seguente formula:

$$S_{ter} \quad \frac{1}{2} \; k_a \quad {}_d \; H^2 \; [kN/m]$$

$${}_d \quad \frac{\;_k}{} \quad \frac{\;_k}{1.0}$$

$${}_d \quad arctg \; \frac{\tan \;_k}{} \quad arctg \; \frac{\tan \;_k}{1.25}$$

dove:

γ_k	=	20.00	kN/m^3	peso caratteristico terreno per unità di volume
γ_d	=	20.00	kN/m^3	peso di progetto terreno per unità di volume
ϕ_k	=	38.00	°	angolo di attrito interno caratteristico del terreno
ϕ_d	=	32.01	°	angolo di attrito interno di progetto del terreno
k_a	=	0.22	-	coefficiente di spinta attiva secondo Rankine
k_{ad}	=	0.28	-	coefficiente di spinta attiva secondo Rankine
H		4.70		altezza di spinta (in m)

9.1.3 SOVRACCARICO PERMANENTE

Il peso della scarpata a tergo del muro viene considerato come sovraccarico permanente.

Il terreno che grava direttamente sulla fondazione verrò chiamato permanente stabilizzante, mentre il terreno che grava solo sul cuneo di spinta verrà chiamato permanente ribaltante.

9.2 COMBINAZIONI DI CARICO PER LE VERIFICHE

Si illustrano di seguito le combinazioni di carico utilizzate per le verifiche geotecniche e strutturali. Le combinazioni di verifica risultano conformi a quanto riportato nei paragrafi 2.5.3 ("*Sicurezza e prestazioni attese – Combinazione delle azioni*") e 6.2.3 ("*Progettazione geotecnica – Verifiche della sicurezza e delle prestazioni*") del D.M. 14/01/2008.

		Peso proprio	Peso terreno	Peso permanenti	Peso accidentali	Spinta terre	Spinta permanenti	Spinta accidentali	Azioni in testa muro	Azioni sismiche
Combinazioni per verifiche geotechiche (GEO)	**SLU_GEO-1**	1.00	1.00	1.00	0.00	1.00	1.00	1.30	0.00	0.00
	SLU_GEO-2	1.00	1.00	1.00	1.30	1.00	1.00	1.30	0.00	0.00
	SLU_EQU	0.90	0.90	0.90	0.00	1.10	1.10	1.50	0.00	0.00
	SLU_ECC	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00
	SLU_SISM	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Combinazioni per verifiche strutturali (STR)	**SLU_STR**	1.00	1.00	1.00	0.00	1.30	1.30	1.50	0.00	0.00
	SLU_ECC	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00
	SLU_SISM	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
	SLE_QP	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00
	SLE_FR	1.00	1.00	1.00	0.00	1.00	1.00	0.70	0.00	0.00
	SLE_CAR	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	0.00
	SLE_SISM	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00

Le combinazioni "SLE Quasi Permanente" e "SLE Frequente" vengono utilizzate per le verifiche a Stato Limite di Fessurazione.

9.3 VERIFICHE GEOTECNICHE

9.3.1 SOLLECITAZIONI A LIVELLO INTRADOSSO FONDAZIONE

La tabella seguente riporta le sollecitazioni agenti sul muro, indicando i relativi bracci rispetto al baricentro della faccia d'intradosso della ciabatta di fondazione (b_M) e rispetto all'estremità più a valle della ciabatta di fondazione (b_O).

Azioni sollecitanti a base fondazione del concio	N [kN]	V [kN]	$b_{oriz,(O)}$ [m]	$b_{oriz,(M)}$ [m]	b_{vert} [m]
Peso proprio elevazione	600.00		0.60	1.20	
Peso proprio ciabatta di fondazione	630.00		1.80	0.00	
Peso del terreno da rilevato su ciabatta posteriore	2160.00		2.25	-0.45	
Peso del terreno da rilevato su ciabatta anteriore	0.00		0.15	1.65	
Peso dei sovraccarichi permanenti su ciabatta posteriore	453.60		2.25	-0.45	
Peso dei sovraccarichi permanenti su ciabatta anteriore	0.00		0.15	1.65	
Peso dei sovraccarichi accidentali su ciabatta posteriore	0.00		2.25	-0.45	
Peso dei sovraccarichi accidentali su ciabatta anteriore	0.00		0.15	1.65	
Spinte del terreno da rilevato a monte	257.52	550.25	3.60	-1.80	1.57
Spinte del terreno dovute a sovraccarichi permanenti	246.56	526.83	3.60	-1.80	2.35
Spinte del terreno dovute a sovraccarichi accidentali	0.00	0.00	3.60	-1.80	2.35
Azioni concentrate in testa muro		0.00			0.00
Increm. sismico peso proprio elevazione (SLV)	41.71	83.42	0.60	1.20	2.70
Increm. sismico peso proprio ciabatta di fondazione (SLV)	43.80	87.59	1.80	0.00	0.35
Increm. sismico terreno da rilevato su ciabatta posteriore (SLV)	150.16	300.32	2.25	-0.45	2.70
Increm. sismico terreno da rilevato su ciabatta anteriore (SLV)	0.00		0.15	1.65	0.70
Increm. sismico sovraccarichi perm. su ciabatta posteriore (SLV)	31.53	63.07	2.25	-0.45	0.70
Increm. sismico sovraccarichi perm. su ciabatta anteriore (SLV)	0.00		0.15	1.65	0.70
Spinte sismiche del terreno da rilevato a monte (SLV)	357.91	764.75	3.60	-1.80	1.57
Spinte sismiche del terreno dovute a sovraccarichi perm. (SLV)	342.68	732.21	3.60	-1.80	2.35

Tali valori andranno opportunamente combinati (secondo le combinazioni di carico riportate nel paragrafo precedente) per effettuare le verifiche di stabilità globale (ribaltamento, scivolamento e portata).

9.3.2 VERIFICHE A RIBALTAMENTO

Si valuta il valore del momento stabilizzante e del momento ribaltante e si verifica che il rapporto tra i due sia maggiore di γ_R = 1.0 secondo la seguente espressione:

$$F_S \quad \frac{M_{stab}}{M_{rib}} \quad \frac{{}_i \; {}_i \; N_i \; b_{i\ oriz(o)}}{{}_i \; {}_i \; V_i \; b_{i\ vert}}$$

dove: γ_i = coefficiente di combinazione della forza N_i (vedi par. 9.2);

N_i = forza verticale (vedi paragrafo 9.3.1);

$b_{i\text{-}oriz(O)}$ = braccio della forza verticale rispetto al centro di rotazione (vedi par. 9.3.1);

γ_i = coefficiente di combinazione della forza V_i (vedi par. 9.2);

V_i = forza orizzontale (vedi par. 9.3.1);

$b_{i\text{-}vert}$ = braccio della forza orizzontale rispetto al centro di rotazione (vedi par. 9.3.1).

Verifiche a ribaltamento		Comb. SLU_EQU	Comb. SLU_ECC	Comb. SLU_SISM
Momento stabilizzante totale	[kNm]	6637	7375	6862
Momento ribaltante totale	[kNm]	314	285	4030
Coefficiente di sicurezza al ribaltamento	[-]	**21.14**	**25.84**	**1.70**

9.3.3 VERIFICHE A SCIVOLAMENTO

Si valuta il valore delle forze verticali (contributi resistenti) e delle forze orizzontali (forze di scorrimento) e si verifica che il rapporto tra le due sia maggiore di γ_R = 1.0 secondo la seguente espressione:

$$F_S \quad \frac{F_{attrito}}{F_{scorrim}} \quad \frac{{}_i \; {}_i \; N_i}{{}_i \; {}_i \; V_i}$$

dove: γ = coefficiente di attrito terreno/fondazione (posto ragionevolmente pari a 0.60);

γ_i = coefficiente di combinazione della forza N_i (vedi par. 9.2);

N_i = forza verticale (vedi par. 9.3.1);

γ_i = coefficiente di combinazione della forza V_i (vedi par. 9.2);

V_i = forza orizzontale (vedi par. 9.3.1).

Verifiche a scivolamento		Comb. SLU_GEO-1	Comb. SLU_ECC	Comb. SLU_SISM
Forza di attrito totale	[kN/m]	2306	2306	2146
Forza di scorrimento totale	[kN/m]	1077	1077	2031
Coefficiente di sicurezza allo scivolamento	[-]	**2.14**	**2.14**	**1.06**

9.3.4 VERIFICHE DI CAPACITÀ PORTANTE DELLA FONDAZIONE

La capacità portata della fondazione è stata calcolata attraverso l'espressione proposta da Brinch-Hansen per le fondazioni superficiali; poichè la fondazione ed il piano campagna risultano orizzontali, si trascurano i fattori correttivi corrispondenti.

La portata limite unitaria è pertanto fornita dalla seguente espressione:

$$q_{lim} \quad \frac{1}{2} \quad B \; N \quad s \quad i \quad c \; N_c \; s_c \; d_c \; i_c \quad q \; N_q \; s_q \; d_q \; i_q$$

dove: $\square'$ = peso specifico terreno di fondazione (sommerso, se in presenza di falda);

B = larghezza equivalente della fondazione (in presenza di carichi eccentrici);

c' = coesione del terreno di fondazione;

q' = sovraccarico dovuto al peso del terreno posto sopra il livello di fondazione;

$N_\square$, N_c, N_q = coefficienti di capacità portante;

$s_\square$, s_c, s_q = coefficienti di forma;

$i_\square$, i_c, i_q = coefficienti correttivi dovuti alla presenza di carichi orizzontali;

d_c, d_q = coefficienti dipendenti dalla profondità del piano di posa.

Di seguito vengono riepilogate le espressioni per il calcolo della larghezza equivalente, del sovraccarico e dei vari coefficienti:

- *Larghezza equivalente della fondazione:*

$$B \quad B_R \quad 2 \; \frac{M}{N}$$

dove: B_R = larghezza reale della fondazione;

M = momento risultante sulla fondazione;

N = azione perpendicolare al piano di posa sulla fondazione.

- *Sovraccarico dovuto al peso del terreno posto sopra il livello di fondazione:*

$$q' \quad {}_t \; D$$

dove: $\square_t$ = peso del terreno di ricoprimento;

D = profondità del piano di posa della fondazione.

- *Coefficienti di capacità portante:*

$$N_q \quad tg^2 \; 45 \quad \frac{'}{2} \quad e^{\;tg(\;')}$$

$$N_c \quad (N_q \quad 1) \; ctg(\;')$$

$$N \quad 2 \; (N_q \quad 1) \; tg(\;')$$

dove: ¤' = angolo di attrito del terreno di fondazione.

- *Coefficienti di forma (per B<L):*

$$s \quad 1 \quad 0.1 \frac{B}{L} \frac{1 \quad sen(\ ')}{1 \quad sen(\ ')}$$

$$s_q \quad s$$

$$s_c \quad 1 \quad 0.2 \frac{B}{L} \frac{1 \quad sen(\ ')}{1 \quad sen(\ ')}$$

dove: ¤' = angolo di attrito del terreno di fondazione;
B = larghezza equivalente della fondazione (definita in precedenza);
L = lunghezza della fondazione.

- *Coefficienti dipendenti dalla profondità del piano di posa:*

$$d_q \quad 1 \quad 2 \frac{D}{B} tg(\ ') \ [1 \quad sen(\ ')]^2 \qquad \text{per } D/B \quad 1$$

$$d_q \quad 1 \quad 2 \ tg(\ ') \ [1 \quad sen(\ ')]^2 \ ctg \frac{D}{B} \qquad \text{per } D/B \quad 1$$

$$d_c \quad d_q \quad \frac{1 \quad d_q}{N_c \quad tg(\ ')}$$

dove: ¤' = angolo di attrito del terreno di fondazione;
B = larghezza equivalente della fondazione (definita in precedenza);
D = profondità del piano di posa della fondazione;
N_c = coefficiente di capacità portante (definito in precedenza).

- *Coefficienti correttivi dovuti alla presenza di carichi orizzontali:*

$$i \quad 1 \quad \frac{H}{N \quad B \ L \ c' ctg(\ ')}^{(m \ 1)}$$

$$i_q \quad 1 \quad \frac{H}{N \quad B \ L \ c' ctg(\ ')}^{m} \qquad \text{con: } m \quad \frac{2 \quad B/L}{1 \quad B/L}$$

$$i_c \quad i_q \quad \frac{1 \quad d_q}{N_c \quad tg(\ ')}$$

dove: ¤' = angolo di attrito del terreno di fondazione;
c' = coesione del terreno di fondazione;
B = larghezza equivalente della fondazione (definita in precedenza);
L = lunghezza della fondazione;
N = azione perpendicolare al piano di posa sulla fondazione;

H = azione parallela al piano di posa sulla fondazione;

N_c = coefficiente di capacità portante (definito in precedenza);

d_q = coefficiente dipendente dalla profondità del piano di posa (definito in precedenza).

Le verifiche di portata, conformi alle NTC 2008, vengono svolte secondo l'Approccio 1 Combinazione 2 (A2+M2+R2) come prescritto dalla Circ.Min. n°617 del 02/02/2009 (paragrafo C.6.4.2.1). In base a quanto riportato nel D.M. 14/01/2008, la capacità portante della fondazione è verificata se risulta vera la seguente espressione:

$$Sd \quad Rd \quad \frac{lim}{R}$$

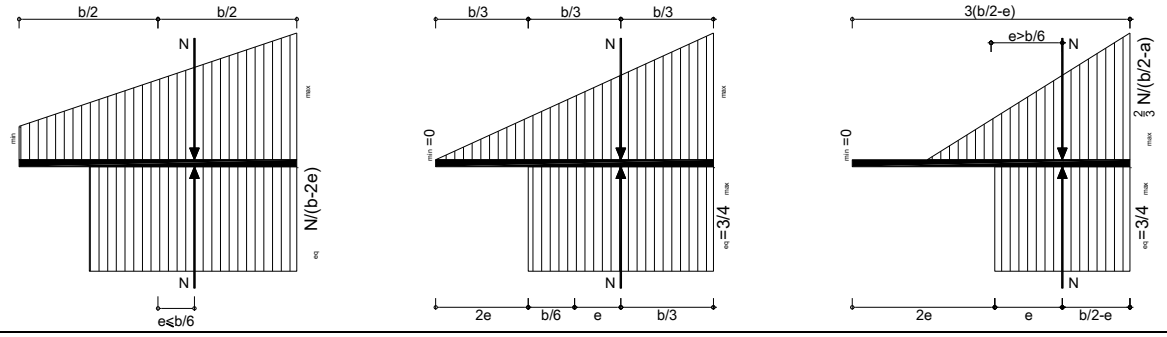
dove: $\square_{Sd}$ = pressione equivalente sul terreno;

$\square_{lim}$ = portata limite unitaria calcolata secondo Brinch-Hansen;

$\square_{R}$ = coefficiente parziale a Stato Limite Ultimo (pari a 1.80).

Il calcolo del valore equivalente della pressione di contatto nella verifica di portata delle fondazioni superficiali, ampiamente documentato in letteratura ed in particolare nei citati riferimenti bibliografici, si basa sulla considerazione che il comportamento dei terreni risulta tutt'altro che lineare: il calcolo del valore massimo di pressione sulla base della tradizionale ipotesi di validità per il terreno della legge di Hooke (valore $\square_{max}$ nelle tabelle) appare quindi poco significativo.
Il calcolo del valore equivalente si basa sulla valutazione dell'eccentricità delle sollecitazioni, in modo da ridistribuire in maniera uniforme su una dimensione ridotta della platea le sollecitazioni stesse.

Pressione di contatto equivalente in funzione dell'eccentricità della risultante dei carichi



Si riporta di seguito la tabella riassuntiva delle verifiche per le 4 combinazioni di carico analizzate.

Verifiche di portata della fondazione (formulazione di Brinch-Hansen)			Comb. SLU_GEO-1	Comb. SLU_GEO-2	Comb. SLU_ECC	Comb. SLU_SISM
Sollecitazioni sul concio a base fondazione	M	[kNm]	2551	2551	2551	3605
	N	[kN]	3844	3844	3844	3576
	H	[kN]	1077	1077	1077	2031
	e	[m]	0.66	0.66	0.66	1.01
Caratteristiche geometriche della fondazione	B_R	[m]	3.60	3.60	3.60	3.60
	B	[m]	2.27	2.27	2.27	1.58
	L	[m]	10.00	10.00	10.00	10.00
	D	[m]	1.50	1.50	1.50	1.50
	q'	[kN/m^2]	30.00	30.00	30.00	30.00
Caratteristiche geotecniche del terreno di fondazione	¤	[°]	32.01	32.01	32.01	32.01
	c	[kN/m^2]	0.00	0.00	0.00	0.00
	¤$_{fond}$	[kN/m^3]	21.00	21.00	21.00	21.00
	¤	[°]	0.00	0.00	0.00	0.00
	¤	[°]	0.00	0.00	0.00	0.00
Calcolo della portata limite e di progetto del terreno	$q_{LIM-attr.}$	[kN/m^2]	307.15	307.15	307.15	47.83
	$q_{LIM-coes.}$	[kN/m^2]	0.00	0.00	0.00	0.00
	$q_{LIM-car.lat.}$	[kN/m^2]	486.47	486.47	486.47	193.22
	q_{LIM}	[kN/m^2]	793.62	793.62	793.62	241.05
	F_s	[-]	1.00	1.00	1.00	1.00
	q_d	[kN/m^2]	**793.62**	**793.62**	**793.62**	**241.05**
Sforzi sul terreno di fondazione	¤$_{max}$	[kN/m^2]	225.52	225.52	225.52	301.07
	¤$_{min}$	[kN/m^2]	0.00	0.00	0.00	0.00
	L_{reag}	[m]	3.41	3.41	3.41	2.38
	¤$_{eq}$	[kN/m^2]	**169.14**	**169.14**	**169.14**	**225.80**

dove:

M	il momento flettente alla base dell'opera
N	l'azione verticale alla base dell'opera
H	l'azione orizzontale alla base dell'opera
B_R	la larghezza reale della fondazione
B	la larghezza ridotta della fondazione
¤$_{min}$	la sollecitazione minima sul terreno
¤$_{max}$	la sollecitazione massima sul terreno
¤$_{eq}$	la sollecitazione equivalente sul terreno

Le verifiche di portata risultano pertanto soddisfatte.

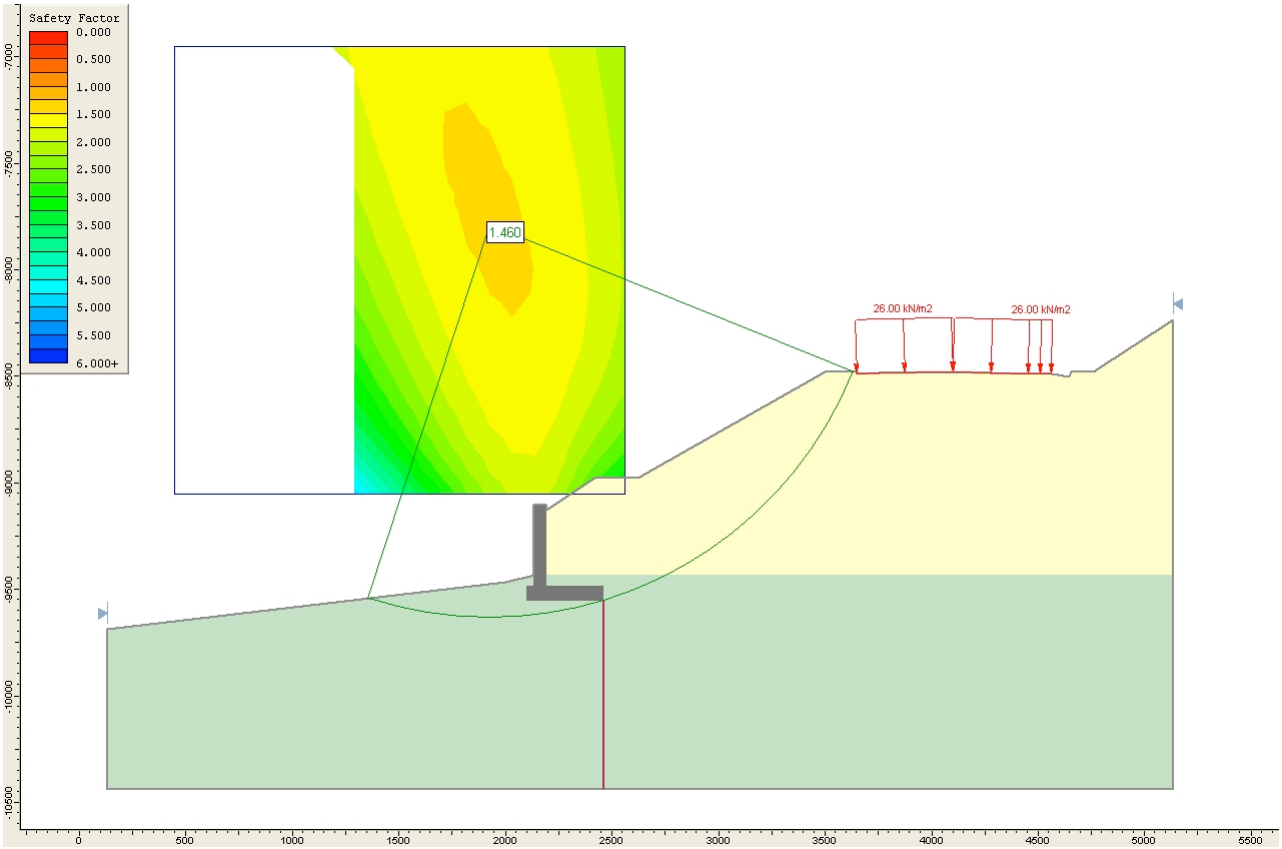
9.3.5 VERIFICHE DI STABILITÀ GLOBALE MURO-TERRENO

Al fine di valutare le condizioni di stabilità globale del versante in cui si inserisce l'opera in progetto sono state condotte analisi di stabilità all'equilibrio limite con il metodo di Bishop basato sull'equilibrio dei momenti e delle forze verticali con risultante delle forze tra i conci contigui assunta orizzontale.

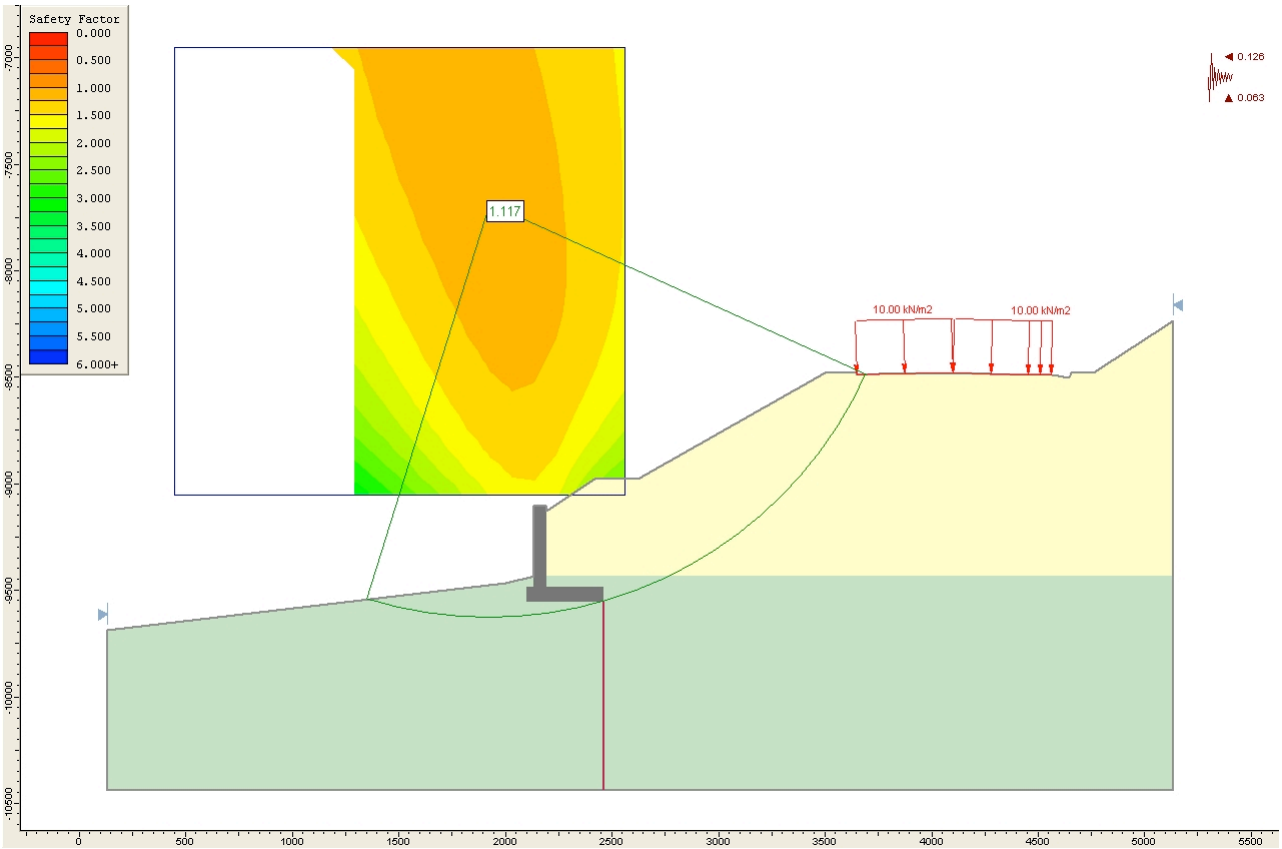
Le analisi di stabilità sono state condotte sia in condizioni statiche sia in condizioni sismiche facendo riferimento alle indicazioni riportate in precedenza; in particolare si assume:

$$\gamma_r \geq 1.1$$

Il sisma è stato rappresentato da un'accelerazione orizzontale e una verticale nelle due direzioni possibili. Nel seguito però sono riportati solo i risultati del caso più gravoso.



Analisi di stabilità caso statico: FS=1.460



Analisi di stabilità caso sismico: FS=1.117

Si precisa che le analisi di stabilità sono state condotte a favore di sicurezza trascurando il contributo benefico fornito dal terreno di contenimento a valle del muro di sostegno (cono del rilevato autostradale).

9.4 VERIFICHE DELL'ELEVAZIONE

9.4.1 RIEPILOGO DELLE SOLLECITAZIONI DI VERIFICA

Nelle seguenti tabelle vengono riportate le sollecitazioni più gravose (con il sovraccarico accidentale) utilizzate per le verifiche sezionali dell'elevazione che corrispondono al caso con sovraccarico accidentale.

Azioni a base risega	N [kN/m]	V [kN/m]	b_{oriz} [m]	b_{vert} [m]
Peso proprio elevazione	60.00		0.00	
Spinte del terreno da rilevato a monte	14.70	31.41	-0.30	1.33
Spinte del terreno dovute a sovraccarichi permanenti	16.54	35.34	-0.30	2.00
Increm. sismico peso proprio elevazione (SLD)	1.13	2.27	0.00	2.00
Spinte sismiche terreno da rilevato a monte (SLD)	16.11	34.42	-0.30	1.33
Spinte sismiche terreno dovute a sovracc. perm. (SLD)	18.12	38.73	-0.30	2.00
Increm. sismico peso proprio elevazione (SLV)	4.17	8.34	0.00	2.00
Spinte sism. terreno da rilevato a monte (SLV)	20.93	44.72	-0.30	1.33
Spinte sism. terreno dovute a sovracc. perm. (SLV)	23.55	50.31	-0.30	2.00

	N [kN/m]	V [kN/m]	M [kNm/m]
SLU_STR	60	87	134
SLU_ECC	60	67	103
SLU_SISM	56	170	267
SLE_QP	60	67	103
SLE_FR	60	67	103
SLE_CAR	60	67	103
SLE_SISM	59	75	118

(nella tabella precedente N positiva se di compressione).

9.4.2 VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

Le condizioni di carico "1" e "2" sono utilizzate per le verifiche agli SLE (limitazione delle tensioni di trazione nell'acciaio e di compressione nel calcestruzzo); la condizioni di carico "1" anche relative alle verifiche a fessurazione.

Si adotta l'armatura seguente:

- Intradosso (lato terreno): ø 14/20 (ripartitori esterni: ø 10/20)
- Estradosso: ø 20/20 (ripartitori esterni: ø 10/20)

Il copriferro netto è pari a 4 cm.

```
Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø20 mm posizionati a     6.0 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 2340.5 (mm²)     a    21.9 cm da intrad.

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Coefficiente d'omogeneizzazione dell'armatura =15

Condizione di carico 1

Momento        =     103.0(KN.m)
Sforzo normale =     -60.0(KN)

Compressione massima nel calcestruzzo   =   -2.92(N/mm²)
Trazione massima nell'acciaio           =  114.57(N/mm²)
Distanza asse neutro da lembo compresso =   14.9 (cm)
Braccio di leva interno           =   48.9 (cm)

Condizione di carico 2

Momento        =     118.0(KN.m)
Sforzo normale =     -59.0(KN)

Compressione massima nel calcestruzzo   =   -3.34(N/mm²)
Trazione massima nell'acciaio           =  134.04(N/mm²)
Distanza asse neutro da lembo compresso =   14.7 (cm)
Braccio di leva interno           =   49.0 (cm)
```

I valori di tensione nei materiali sono inferiori ai limiti di normativa.

9.4.3 VERIFICHE AGLI STATI LIMITE DI FESSURAZIONE

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    60.0   b3   100.0

Descrizione dell'armatura normale

5 ø20 mm posizionati a     6.0 cm da intradosso
5 ø14 mm posizionati a    54.3 cm da intradosso

Area armatura normale = 2340.5 (mm²)     a    21.9 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'intradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (fctm) =  31.5  kg/cm^2
Momento di prima fessurazione (■  = 0.7 · 1.2·fctm) = 179.24 (KN.m)
Momento di fessurazione (■  = fctm)            = 213.38 (KN.m)
```

La verifica a fessurazione perde di significato poichè il momento di 1° fessurazione risulta superiore al momento sollecitante.

9.4.4 VERIFICHE ALLO STATO LIMITE ULTIMO PER FLESSIONE

METODO SEMIPROBABILISTICO - VERIFICA A ROTTURA

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari - 3 Parametri geometrici -
Unita` di misura:(cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
h2 60.0 b3 100.0

Descrizione dell'armatura normale

5 ø20 mm posizionati a 6.0 cm da intradosso
5 ø14 mm posizionati a 54.3 cm da intradosso

Area armatura normale = 2340.5 (mm²) a 21.9 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

Modulo Elastico acciaio normale = 210000.0(N/mm²)
Modulo Elastico calcestruzzo = 36000.0(N/mm²)
Resistenza cubica del calcestruzzo: R_{ck} = 40.00(N/mm²)
Resistenza cubica iniziale (alla tesatura):R_{ckj} = 35.00(N/mm²)
Soglia di snervamento acciaio normale: F_{yk} = 440.00(N/mm²)

Ipotesi di calcolo

Legge costitutiva del calcestruzzo : Parabola Rettangolo
Accorciamento ultimo a flessione = 0.3500 %
Accorciamento ultimo a compress. = 0.2000 %
Legge costitutiva dell'acciaio normale : Bilineare
Allungamento ultimo acciaio normale = 0.675 %
Coefficiente di sicurezza calcestruzzo : γ_c = 1.500
Coefficiente di sicurezza acciaio : γ_s = 1.150
Termine di lunga durata : F_1 = 0.850
Rapporto R_{cyl}/R_{cubo}: F_2 = 0.830
Resistenza di progetto calcestruzzo : $F_1 \cdot F_2 \cdot R_{cubo}/\gamma_c = 0.47R_{cubo}$
Resistenza di progetto dell'acciaio : $F_{sd} = F_{yk}/\gamma_s = 0.87F_{yk}$

Resistenze di progetto

Calcestruzzo = 18.81(N/mm²)
Acciaio normale = 382.61(N/mm²)

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Condizione di carico 1

Momento di Progetto M_d = 134.0(KN.m)
Sforzo di Progetto N_d = -60.0(KN)

Distanza asse neutro da lembo compresso = 7.4 (cm)
Momento di Rottura M_r = 324.0(KN.m)
Sforzo di Rottura N_r = -60.0(KN)
Rottura nel Dominio 2
Rapporto M_r/M_d = 2.418

Condizione di carico 2

Momento di Progetto M_d = 103.0(KN.m)

```
Sforzo di Progetto  Nd  =     -60.0(KN)

Distanza asse neutro da lembo compresso =    7.4 (cm)
Momento di Rottura  Mr  =     324.0(KN.m)
Sforzo di Rottura   Nr  =     -60.0(KN)
Rottura nel Dominio  2
Rapporto Mr/Md  =  3.145
```

<u>Condizione di carico 3</u>

```
Momento di Progetto Md  =     267.0(KN.m)
Sforzo di Progetto  Nd  =     -56.0(KN)

Distanza asse neutro da lembo compresso =    7.4 (cm)
Momento di Rottura  Mr  =     322.9(KN.m)
Sforzo di Rottura   Nr  =     -55.9(KN)
Rottura nel Dominio  2
Rapporto Mr/Md  =  1.209
```

La verifica risulta soddisfatta in quanto, per tutte le combinazioni di carico esaminate, il coefficiente di sicuezza è superiore a uno.

9.4.5 VERIFICHE ALLO STATO LIMITE ULTIMO PER TAGLIO

Si riportano le verifiche a taglio secondo quanto riportato in D.M. 14/01/2008 § 4.1.2.1.3.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**40**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	f_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**170.00**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	$N (V_{Ed})$	=	**56.00**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	$M (V_{Ed})$	=	**267.00**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	**d**	=	**540**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	¤	=	**20**	mm
Numero tondini longitudinali utilizzati	**n**	=	**5**	--
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	1570	mm^2
Rapporto geometrico dell'armatura longitudinale (≤ 0.02)	¤$_l$	=	0.0029	--

Elementi senza armature trasversali resistenti a taglio

Fattore dipendente dall'altezza utile della sezione (≤ 2)	**k**	=	1.61	--
Tensione dipendente dal fattore k e dalla resistenza del cls	v_{min}	=	0.41	N/mm^2
Tensione media di compressione nella sezione (≤ 0.2¤f_{cd})	¤$_{cp}$	=	0.10	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	230.57	kN
Resistenza ultima a taglio (V_{Rd} ¤ $V_{Rd,min}$)	V_{Rd}	=	**230.57**	**kN**

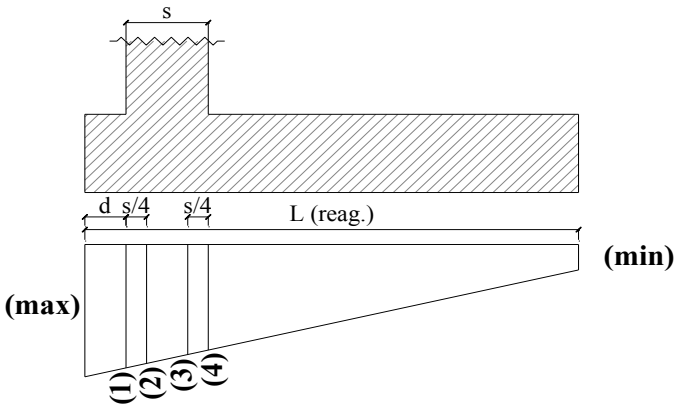
Dato che la verifica risulta soddisfatta non occorre disporre un'apposita armatura resistente a

taglio.

9.5 VERIFICHE DELLA FONDAZIONE

Considerando la geometria della ciabatta di fondazione, come indicato nella sottostante figura, si analizza la mensola a monte come una mensola snella e la mensola a valle come una mensola tozza.

Indicare il rapporto limite di snellezza h/L:				**1.20**
Tipologia della mensola anteriore:	**TOZZA**	***h/L =***	***0.43***	***< 1.20***
Tipologia della mensola posteriore:	**SNELLA**	***h/L =***	***3.86***	***> 1.20***



9.5.1 RIEPILOGO DELLE SOLLECITAZIONI DI VERIFICA MENSOLA SNELLA

Nella seguente tabella vengono riportate le sollecitazioni più gravose (con il sovraccarico accidentale) utilizzate per le verifiche sezionali della mensola snella posteriore.

Azioni a base fondazione (punto M)	N [kN/m]	V [kN/m]	b_{oriz} [m]	b_{vert} [m]
Peso proprio elevazione	60.00		1.20	
Peso proprio ciabatta di fondazione	63.00		0.00	
Peso del terreno da rilevato su ciabatta posteriore	216.00		-0.45	
Peso dei sovraccarichi permanenti su ciabatta posteriore	45.36		-0.45	
Spinte del terreno da rilevato a monte	20.30	43.37	-1.80	1.57
Spinte del terreno dovute a sovraccarichi permanenti	19.43	41.52	-1.80	2.35
Increm. sismico peso proprio elevazione (SLV)	4.17	8.34	1.20	2.70
Increm. sismico peso proprio ciabatta di fondazione (SLV)	4.38	8.76	0.00	0.35
Increm. sismico terreno da rilevato su ciabatta posteriore (SLV)	15.02	30.03	-0.45	2.70
Increm. sismico sovraccarichi perm. su ciabatta posteriore (SLV)	3.15	6.31	-0.45	0.70
Spinte sismiche del terreno da rilevato a monte (SLV)	28.90	61.74	-1.80	1.57
Spinte sismiche del terreno dovute a sovraccarichi perm. (SLV)	27.67	59.12	-1.80	2.35
Increm. sismico peso proprio elevazione (SLD)	1.13	2.27	1.20	2.70
Increm. sismico peso proprio ciabatta di fondazione (SLD)	1.19	2.38	0.00	0.35
Increm. sismico terreno da rilevato su ciabatta posteriore (SLD)	4.08	8.16	-0.45	2.70
Increm. sismico sovraccarichi perm. su ciabatta posteriore (SLD)	0.86	1.71	-0.45	0.70
Spinte sismiche del terreno da rilevato a monte (SLD)	22.24	47.53	-1.80	1.57
Spinte sismiche del terreno dovute a sovraccarichi perm. (SLD)	21.30	45.50	-1.80	2.35

Azioni mensola snella	AZIONI PER VERIFICHE	
	V [kN/m]	M [kNm/m]
Combinazione di carico SLU_STR	-6	-40
Combinazione di carico SLU_ECC	-6	-28
Combinazione di carico SLU_SISM	-88	-218
Combinazione di carico SLE_QP	-6	-28
Combinazione di carico SLE_FR	-6	-28
Combinazione di carico SLE_CAR	-6	-28
Combinazione di carico SLE_SISM	-86	-152

9.5.2 VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

Per la mensola snella si adotta la seguente armatura:

- Intradosso fondazione: ø 20/20 (ripartitori esterni: ø 10/20)
- Estradosso fondazione: ø 14/20 (ripartitori esterni: ø 10/20)

Si considera una sezione trasversale di conglomerato pari a 100 cm × 70 cm.

Il copriferro netto della sezione è pari a 4 cm.

Le condizioni di carico "1" e "2" sono utilizzate per le verifiche agli SLE (limitazione delle tensioni di trazione nell'acciaio e di compressione nel calcestruzzo); le condizioni di carico "1" sono anche relative alle verifiche a fessurazione.

```
Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    70.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.3 cm da intradosso
5 ø20 mm posizionati a    64.0 cm da intradosso

Area armatura normale = 2340.5 (mm²)     a    44.7 cm da intrad.

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Coefficiente d'omogeneizzazione dell'armatura =15

Condizione di carico 1

Momento        =     -28.0(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -0.59(N/mm²)
Trazione massima nell'acciaio           =   30.15(N/mm²)
Distanza asse neutro da lembo compresso =   14.6 (cm)
Braccio di leva interno           =   59.0 (cm)

Condizione di carico 2

Momento        =    -152.0(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -3.21(N/mm²)
Trazione massima nell'acciaio           =  163.67(N/mm²)
Distanza asse neutro da lembo compresso =   14.6 (cm)
Braccio di leva interno           =   59.0 (cm)
```

I valori di tensione nei materiali sono inferiori ai limiti di normativa.

9.5.3 VERIFICHE AGLI STATI LIMITE DI FESSURAZIONE

```
CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari -  3 Parametri geometrici -
Unita` di misura:(cm)   - Elenco dei parametri ad iniziare dall'estradosso

b1   100.0
h2    70.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.3 cm da intradosso
5 ø20 mm posizionati a    64.0 cm da intradosso

Area armatura normale = 2340.5 (mm²)     a    44.7 cm da intrad.

Armatura in barre ad aderenza migliorata
E' teso l'estradosso della sezione
Copriferro minimo di norma      =   2.5 cm
Copriferro effettivo sezione    =   5.0 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (fctm) =  26.0  kg/cm^2
Momento di prima fessurazione (■  = 0.7 · 1.2·fctm) = 199.56 (KN.m)
Momento di fessurazione (■  = fctm)            = -2.376E+02 (KN.m)
```

Poiché il momento sollecitante risulta inferiore al momento di 1° fessurazione la verifica a fessurazione perde di significato.

9.5.4 VERIFICHE ALLO STATO LIMITE ULTIMO PER FLESSIONE

METODO SEMIPROBABILISTICO - VERIFICA A ROTTURA

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari - 3 Parametri geometrici -
Unita` di misura:(cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
h2 70.0 b3 100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a 5.3 cm da intradosso
5 ø20 mm posizionati a 64.0 cm da intradosso

Area armatura normale = 2340.5 (mm²) a 44.7 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

Modulo Elastico acciaio normale = 210000.0(N/mm²)
Modulo Elastico calcestruzzo = 31176.9(N/mm²)
Resistenza cubica del calcestruzzo: R_{ck} = 30.00(N/mm²)
Resistenza cubica iniziale (alla tesatura):R_{ckj} = 25.00(N/mm²)
Soglia di snervamento acciaio normale: F_{yk} = 440.00(N/mm²)

Ipotesi di calcolo

Legge costitutiva del calcestruzzo : Parabola Rettangolo
Accorciamento ultimo a flessione = 0.3500 %
Accorciamento ultimo a compress. = 0.2000 %
Legge costitutiva dell'acciaio normale : Bilineare
Allungamento ultimo acciaio normale = 0.675 %
Coefficiente di sicurezza calcestruzzo : γ_c = 1.500
Coefficiente di sicurezza acciaio : γ_s = 1.150
Termine di lunga durata : F_1 = 0.850
Rapporto R_{cyl}/R_{cubo}: F_2 = 0.830
Resistenza di progetto calcestruzzo : $F_1 \cdot F_2 \cdot R_{cubo}/\gamma_c = 0.47R_{cubo}$
Resistenza di progetto dell'acciaio : $F_{sd} = F_{yk}/\gamma_s = 0.87F_{yk}$

Resistenze di progetto

Calcestruzzo = 14.11(N/mm²)
Acciaio normale = 382.61(N/mm²)

Convenzioni di segno

Sono positive le trazioni
Sono positivi i momenti che tendono l'intradosso sezione

Condizione di carico 1

Momento di Progetto M_d = -40.0(KN.m)
Sforzo di Progetto N_d = 0.0(KN)

Distanza asse neutro da lembo compresso = 8.7 (cm)
Momento di Rottura M_r = -364.1(KN.m)
Sforzo di Rottura N_r = 2.4(KN)
Rottura nel Dominio 2
Rapporto M_r/M_d = 9.102

Condizione di carico 2

Momento di Progetto M_d = -28.0(KN.m)

```
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    8.7 (cm)
Momento di Rottura  Mr  =    -364.1(KN.m)
Sforzo di Rottura   Nr  =       2.4(KN)
Rottura nel Dominio  2
Rapporto Mr/Md  = 13.003
```

<u>Condizione di carico 3</u>

```
Momento di Progetto Md  =    -218.0(KN.m)
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    8.7 (cm)
Momento di Rottura  Mr  =    -364.1(KN.m)
Sforzo di Rottura   Nr  =       2.4(KN)
Rottura nel Dominio  2
Rapporto Mr/Md  =   1.67
```

La verifica risulta soddisfatta in quanto, per tutte le combinazioni di carico esaminate, il coefficiente di sicurezza è superiore a uno.

9.5.5 VERIFICHE ALLO STATO LIMITE ULTIMO PER TAGLIO

Si riportano le verifiche a taglio secondo quanto riportato in D.M. 14/01/2008 § 4.1.2.1.3.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	**30**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	25.00	N/mm^2
Resistenza di calcolo a compressone del cls	f_{cd}	=	14.11	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	f_{yd}	=	391.30	N/mm^2

Sollecitazioni di verifica (S.L.U.):

Valore di calcolo dello sforzo di taglio agente	V_{Ed}	=	**88.00**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	$N (V_{Ed})$	=	**0.00**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	$M (V_{Ed})$	=	**0.00**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**640**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	¤	=	**20**	mm
Numero tondini longitudinali utilizzati	n	=	**5**	--
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	1570	mm^2
Rapporto geometrico dell'armatura longitudinale (≤ 0.02)	¤$_l$	=	0.0025	--

Elementi senza armature trasversali resistenti a taglio

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.56	--
Tensione dipendente dal fattore k e dalla resistenza del cls	v_{min}	=	0.34	N/mm^2
Tensione media di compressione nella sezione (≤ 0.2¤f_{cd})	¤$_{cp}$	=	0.00	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	217.58	kN
Resistenza ultima a taglio (V_{Rd} ¤ $V_{Rd,min}$)	V_{Rd}	=	**218.87**	**kN**

Dato che la verifica risulta soddisfatta non occorre disporre un'apposita armatura resistente a

taglio.

9.5.6 RIEPILOGO DELLE SOLLECITAZIONI DI VERIFICA MENSOLA TOZZA

Nella seguente tabella vengono riportate le sollecitazioni più gravose utilizzate per le verifiche sezionali della mensola tozza anteriore.

Azioni mensola tozza	F_{reaz} [kN/m]	b_{Freaz} [m]	F_{tir} [kN/m]	σ_s [N/mm^2]
Combinazione di carico SLU_STR	68.46	0.23	26.14	3.40
Combinazione di carico SLU_ECC	61.83	0.23	23.54	3.06
Combinazione di carico SLU_SISM	99.26	0.23	38.61	5.02

10 ANALISI DELLA PARATIA PROVVISORIA

10.1 CARATTERISTICHE DI CALCOLO

Il dimensionamento delle paratie è stato condotto utilizzando il metodo agli stati limite secondo le Nuove Norme Tecniche per le Costruzioni, il D.M. 14/01/2008. Tale normativa impone una doppia verifica, agli Stati Limite d'Esercizio e agli Stati Limite Ultimi. Nelle condizioni di esercizio si verifica che le deformazioni risultino ammissibili per le strutture e per i terreni in sito, considerando valori caratteristici sia dei carichi sia dei parametri del terreno, mentre agli S.L.U., la normativa impone di considerare almeno i seguenti stati limite:

- Collasso per rotazione attorno ad un punto dell'opera;
- Collasso per carico limite verticale;
- Sfilamento di uno o più ancoraggi;
- Instabilità del fondo scavo;
- Sifonamento del fondo scavo;
- Instabilità globale dell'insieme terreno-opera;
- Raggiungimento della resistenza in uno o più ancoraggi;
- Raggiungimento della resistenza in uno o più sistemi di contrasto;
- Raggiungimento della resistenza strutturale della paratia;

accertando che sia soddisfatta, per ogni stato limite considerato, la condizione:

$$E_d < R_d$$

dove E_d e R_d rappresentano rispettivamente le sollecitazioni e le resistenze di progetto, calcolate tenendo in conto dei coefficienti parziali per le azioni e per i parametri geotecnici riportati nelle seguenti tabelle:

carichi	effetto	coeff. parziale	EQU	A1 (STR)	A2 (GEO)
Permanenti	favorevole	G1	0.9	1.0	1.0
	sfavorevole		1.1	1.3	1.0
Permanenti non strutturali	favorevole	G2	0.0	0.0	0.0
	sfavorevole		1.5	1.5	1.3
Variabili	favorevole	Qi	0.0	0.0	0.0
	sfavorevole		1.5	1.5	1.3

Tabella 6.2.I delle N.T.C. 2008

parametro	simbolo	coeff. parziale	M1	M2
tangente angolo di attrito	$\tan\ '_k$	$_{'}$	1.00	1.25
coesione efficace	c'_k	$_{c'}$	1.00	1.25
resistenza non drenata	c_{uk}	$_{cu}$	1.00	1.40
peso unità di volume			1.00	1.00

Tabella 6.2.II delle N.T.C. 2008

La verifica di stabilità globale dell'insieme terreno-opera è effettuata secondo l'approccio 1, combinazione2:

A2+M2+R2

In accordo con la Tabella 6.8.I del D.M. 14/02/2008 il coefficiente parziale sulle resistenza R2 è pari a 1.1, mentre i coefficienti A2 e M2 sono quelli già citati sopra.

Le rimanenti verifiche sono state effettuate adottando le seguenti combinazioni di coefficienti. Il segno '+', in ossequio alla nuova normativa, ha il significato di 'combinato con'.

	Combinazione
Comb1	A1+M1+R1
Comb2	A2+M2+R1

I fattori parziali associati al caso 'R1' risultano tutti unitari. Il programma di calcolo utilizzato, Paratie Plus 2010, è in grado di distinguere i contributi dei vari carichi è, conseguentemente, di amplificare le sollecitazioni ad essi associate per i coefficienti A corrispondenti.

La verifica strutturale dei contrasti è condotta con riferimento alla peggiore delle combinazioni sopra descritte (Comb1 e Comb2).

Poichè l'opera in oggetto è di tipo provvisionale e la durata prevista in progetto risulta inferiore a 2 anni, la fase sismica viene trascurata (in accordo con quanto riportato nel paragrafo 2.4.1 del D.M.14/01/2008).

10.2 STRATIGRAFIA DI PROGETTO

Di seguito si riportano i parametri geotecnici caratteristici delle varie unità assunti nei calcoli, conformi a quanto riportato nel paragrafo "Caratterizzazione geotecnica".
Si precisa che, a favore di sicurezza, viene trascurato lo strato di "*plutonite*". Tale strato presenta infatti caratteristiche meccaniche molto migliori rispetto allo strato che lo precede ("*depositi terrazzati marini*"), che pertanto verrà esteso oltre il suo limite.

Unità [-]	Tipologia [-]	S [m]	[kN/m^3]	c [kPa]	[°]	[-]	E_{vc} [kPa]	E_{ur} [kPa]
A	Terreno da rilevato	2.50	20	0	38	0.3	50000	150000
B	Depositi terrazzati marini	15.00	20	0	38	0.2	41000	123000

dove:

S	Spessore dello strato di terreno (da quota testa paratia)
◘	Peso di volume del terreno
c	Coesione drenata
◘	Angolo di attrito
◘	Coefficiente di Poisson
E_{vc}	Modulo elastico in compressione vergine
E_{ur}	Modulo elastico in fase di scarico/ricarico

Per l'unità B ("*Depositi terrazzati marini*") viene assunto un valore del modulo elastico E_{vc} compatibile con quello definito nella caratterizzazione geotecnica per opere che subiscono spostamenti relativamente piccoli (dell'ordine di qualche cm).
La falda non risulta interferente con l'opera: nel programma di calcolo viene pertanto posizionata ad una quota inferiore rispetto alla quota di base della paratia (indicativamente -20 m dalla quota di testa della paratia).

10.3 PARAMETRI DI SPINTA

Il coefficiente di spinta a riposo dei terreni considerati è stato calcolato secondo il procedimento dell'equilibrio limite di Rankine:

$$K_0 \quad 1 \quad \sin \qquad \text{(spinta a riposo)}$$

I valori dei coefficienti di spinta attiva (k_a) sono stati calcolati secondo la relazione di Coulomb, mentre i coefficienti di spinta passiva (k_p) secondo la relazioni di Rankine: il valore dell'angolo di attrito terreno-paratia (□) è stato assunto pari a 0.5□□ per la spinta attiva, mentre è stato prudenzialmente assunto nullo per il calcolo della spinta passiva.

La relazione di Coulomb per il calcolo del coefficiente di spinta attiva, con le condizioni assunte, è la seguente:

$$K_a \quad \frac{\text{sen}^2(\quad)}{\text{sen}^2 \quad \text{sen} \quad 1 \quad \sqrt{\frac{\text{sen}(\quad) \ \text{sen}}{\text{sen}(\quad) \ \text{sen}(\quad)}}^{\,2}} \qquad \text{(spinta attiva)}$$

dove: φ = angolo d'attrito del terreno;

□= inclinazione del paramento di monte del muro (90°);

□= angolo d'attrito lungo la superficie di rottura;

□ = Inclinazione del pendio a monte.

La relazione di Rankine per il calcolo della spinta passiva è:

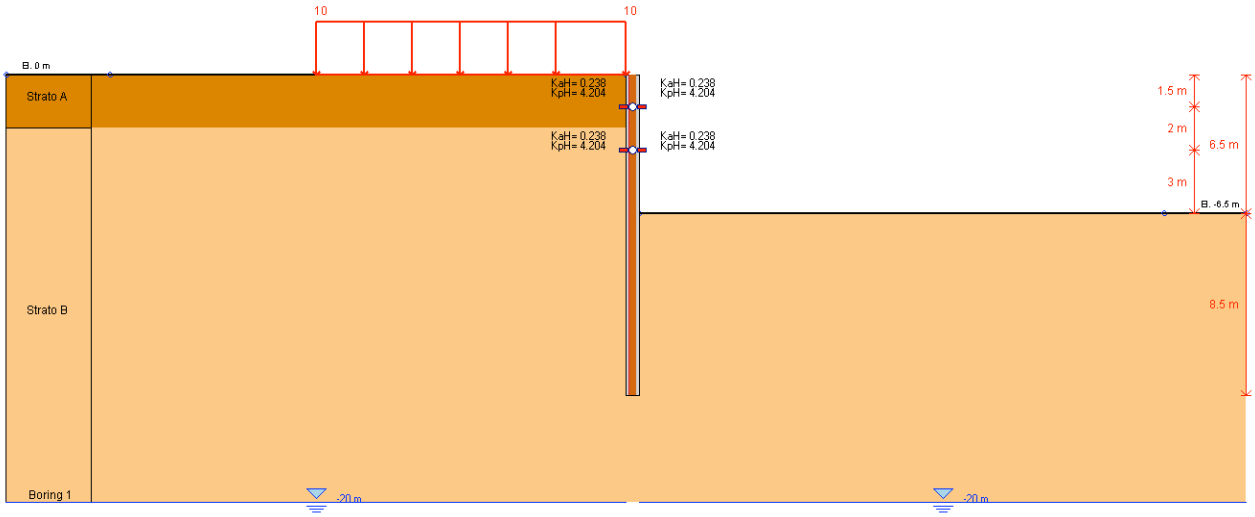
$$K_p \quad \frac{1 \quad \text{sen}}{1 \quad \text{sen}} \qquad \text{(spinta passiva)}$$

La tabella seguente riassume i coefficienti di spinta utilizzati nei calcoli effettuati; il pedice 'h' indica che i coefficienti di spinta attiva e passiva sono stati calcolati in direzione orizzontale.

Unità [-]	S.L. [-]	Valori [-]	Approccio [-]	□ [°]	K_0 [-]	K_{ha} [-]	K_{hp} [-]
A	S.L.E.	caratteristici	-	38	0.38	0.24	4.20
	S.L.U.	caratteristici	A1+M1+R1	38	0.38	0.24	4.20
	S.L.U.	progetto	A2+M2+R1	32	0.47	0.31	3.26
B	S.L.E.	caratteristici	-	38	0.38	0.24	4.20
	S.L.U.	caratteristici	A1+M1+R1	38	0.38	0.24	4.20
	S.L.U.	progetto	A2+M2+R1	32	0.47	0.31	3.26

10.4 PARATIA H=6.50M

Il tratto in oggetto della paratia viene realizzato mediante micropali ◘ 220 mm di lunghezza 15 m e interasse 30 cm (armati con profili metallici PM127◘8) e sostenuti da 2 ordini di puntelli (rispettivamente a quota -1.50 m e -3.50 m dalla testa della paratia) composti da profili commerciali in acciaio tipo HEB280 e HEB220.



Modello di calcolo

10.4.1 GEOMETRIA E FASI DI REALIZZAZIONE

Nel paragrafo in oggetto si dimensiona dal punto di vista strutturale la paratia necessaria per raggiungere la massima quota di scavo, posta a circa -6.50 m dalla quota dello stato di fatto. Per tener conto dei carichi accidentali transitanti sulla pista di lavoro, a monte della paratia viene inserito un sovraccarico accidentale pari a 10 kN/m^2 (per una larghezza della pista posta pari a 5.00m). La situazione di studio viene riepilogata nella seguente tabella:

Tipologia paratia [-]	Quota testa paratia [m]	Quota fondo scavo [m]	Ordini di contrasti [n°]
Berlinese	0.00	-6.50	2

I contrasti sono affidati a profili commerciali in acciaio tipo HEB280 e HEB220.

Di seguito si riportano gli step di calcolo:

- *STEP 0: Condizione geostatica*

  Corrisponde alla fase geostatica iniziale: le quote del terreno a monte e a valle della paratia coincidono (quota 0 m).
- *STEP 1: Scavo per posizionamento 1° ordine di contrasti*

  Corrisponde alla fase di scavo a valle fino al raggiungimento di quota -2.00 m, al fine di poter mettere in opera il 1° ordine di contrasti (posti a quota -1.50 m).
- *STEP 2: Messa in opera 1° ordine di contrasti*

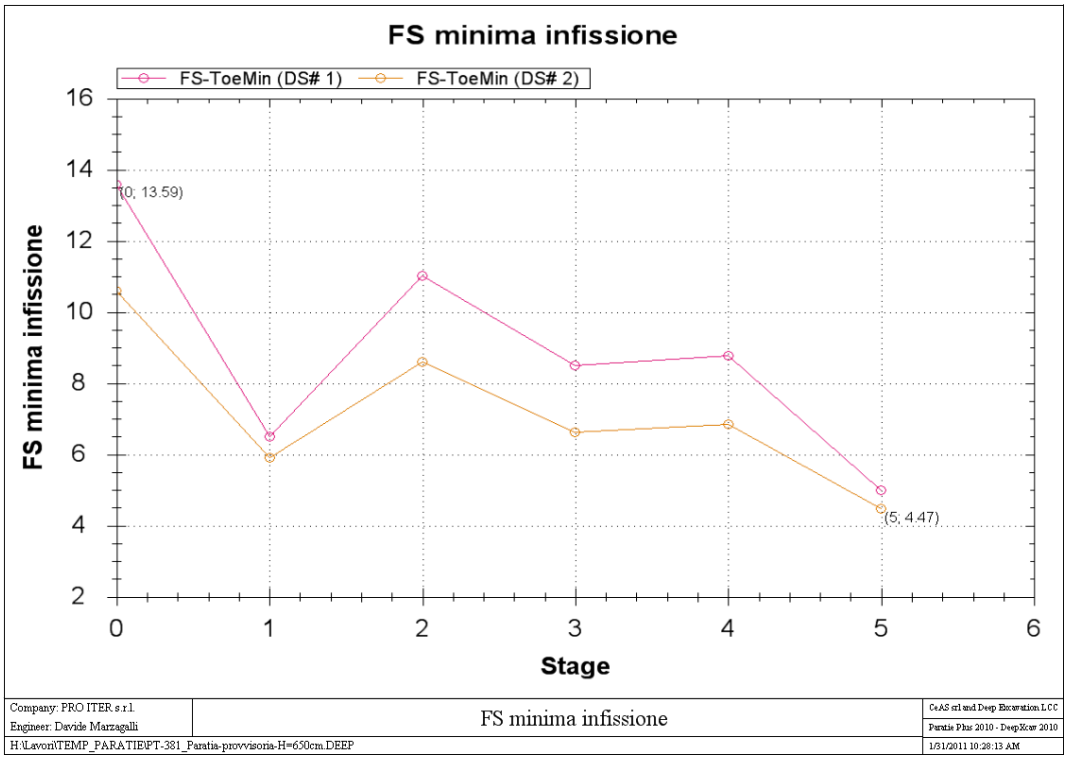
  In tale fase viene considerato attivo il 1° ordine di contrasti (vincolo fisso).
- *STEP 3: Scavo per posizionamento 2° ordine di contrasti*

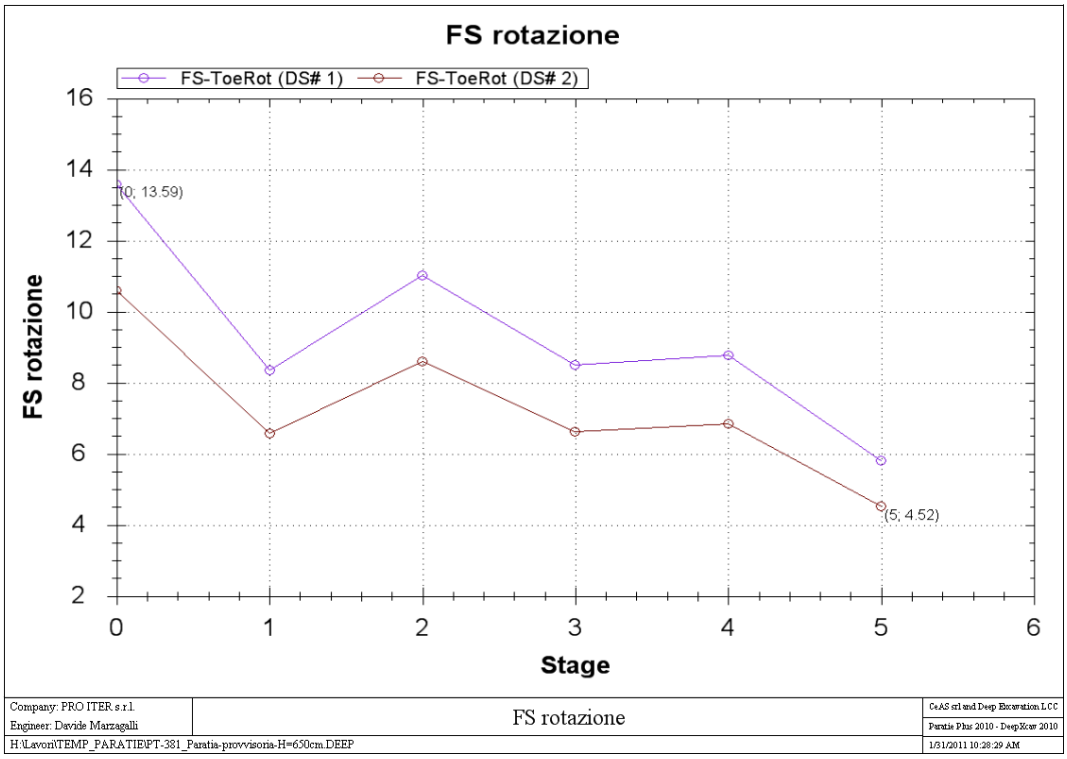
  Corrisponde alla fase di scavo a valle fino al raggiungimento di quota -4.00 m, al fine di poter mettere in opera il 2° ordine di contrasti (posti a quota -3.50 m).
- *STEP 4: Messa in opera 2° ordine di contrasti*

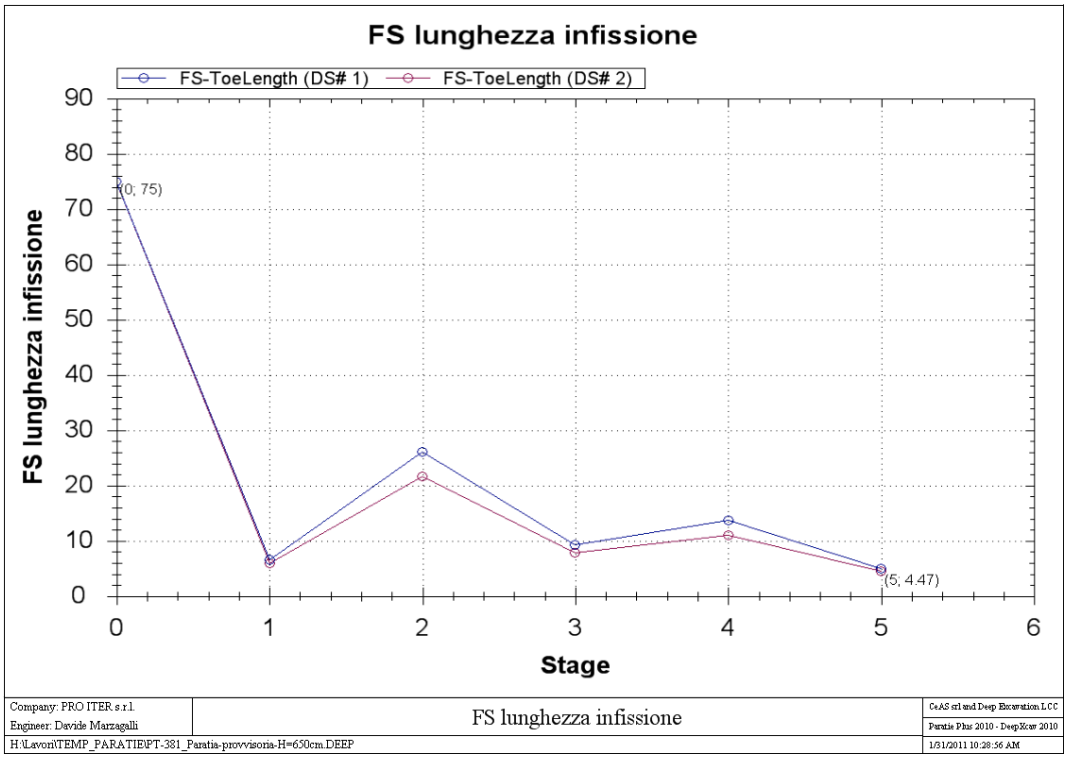
  In tale fase viene considerato attivo il 2° ordine di contrasti (vincolo fisso).
- *STEP 5: Fondo scavo*

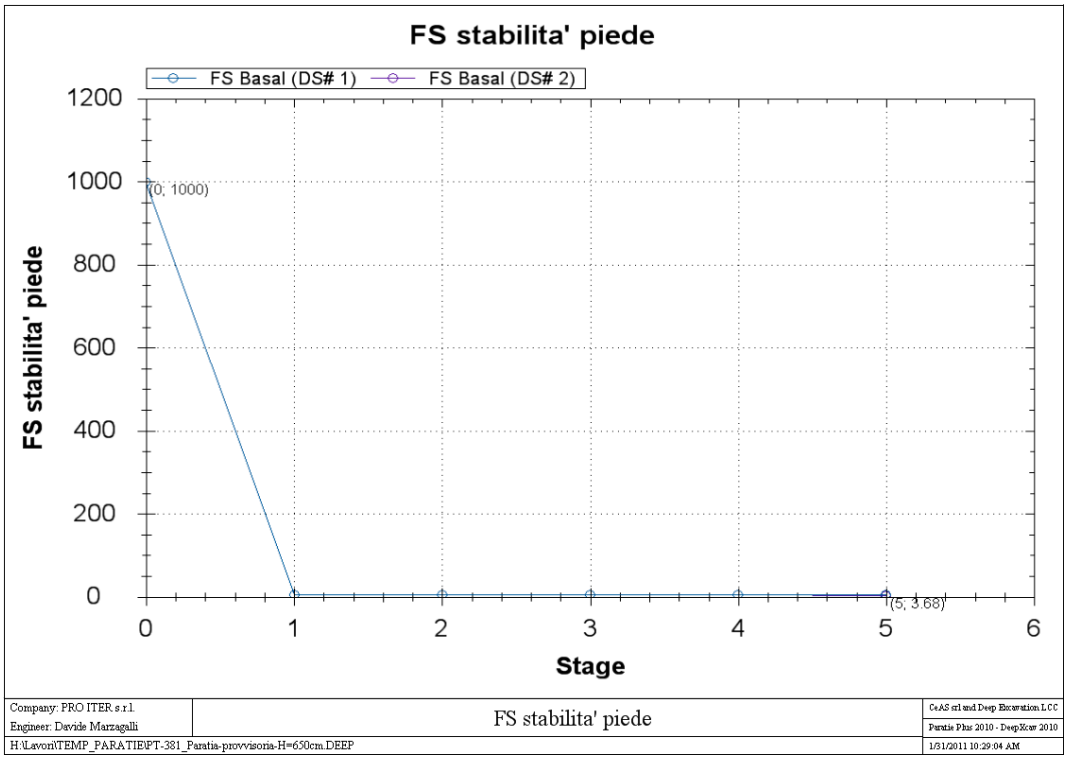
  Corrisponde alla fase di scavo a valle fino al raggiungimento di quota -6.50 m (fondo scavo).

10.4.2 VERIFICHE GEOTECNICHE






FS lunghezza infissione
FS-ToeLength (DS# 1)
FS-ToeLength (DS# 2)
FS lunghezza infissione
Stage
(0; 75)
(5; 4.47)
Company: PRO ITER s.r.l.
Engineer: Davide Marzagalli
FS lunghezza infissione
CeAS srl and Deep Excavation LCC
Paratie Plus 2010 - DeepXcav 2010
H:\Lavori\TEMP_PARATIE\PT-381_Paratia-provvisoria-H=650cm.DEEP
1/31/2011 10:28:56 AM

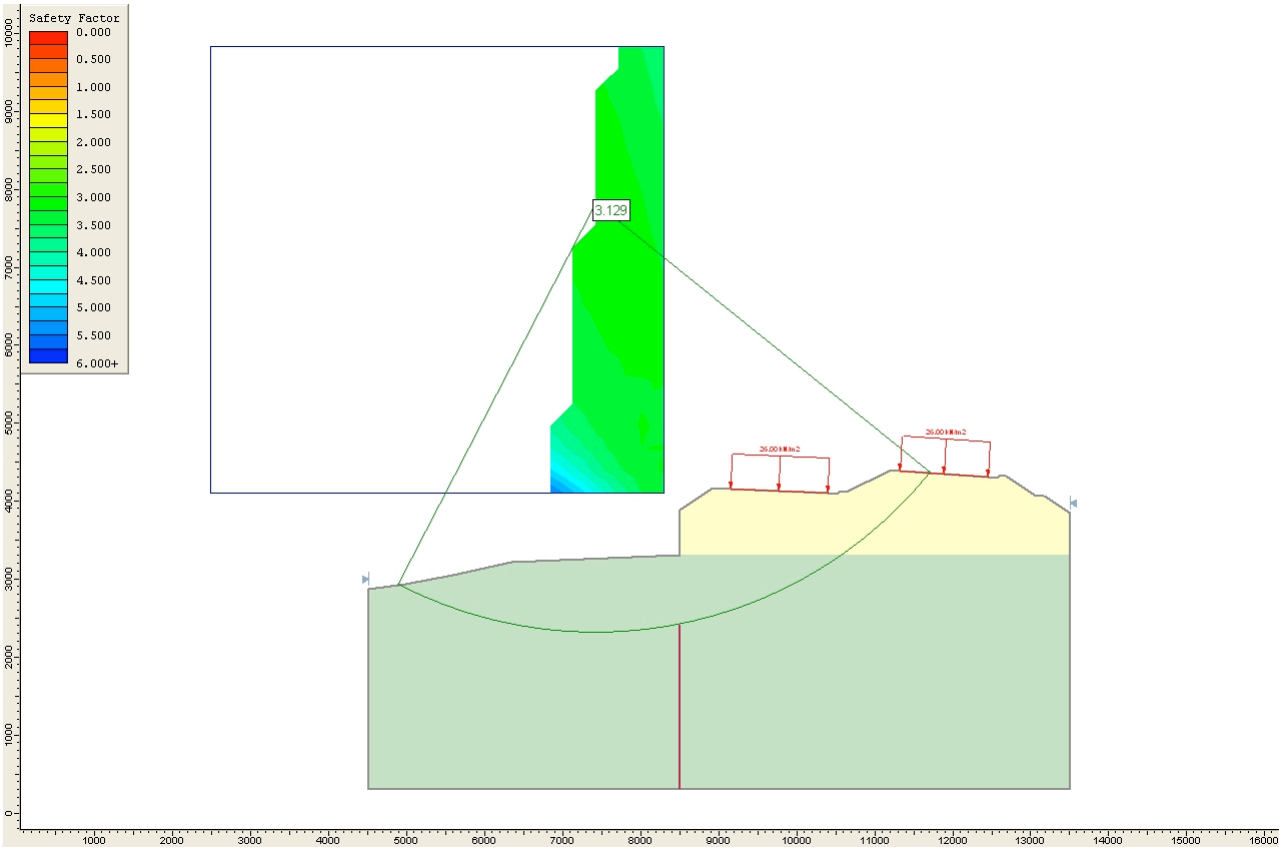

FS stabilita' piede
FS Basal (DS# 1)
FS Basal (DS# 2)
FS stabilita' piede
Stage
(0; 1000)
(5; 3.68)
Company: PRO ITER s.r.l.
Engineer: Davide Marzagalli
FS stabilita' piede
CeAS srl and Deep Excavation LCC
Paratie Plus 2010 - DeepXcav 2010
H:\Lavori\TEMP_PARATIE\PT-381_Paratia-provvisoria-H=650cm.DEEP
1/31/2011 10:29:04 AM

10.4.3 VERIFICHE DI STABILITÀ GLOBALE PARATIA-TERRENO

Al fine di valutare le condizioni di stabilità globale del versante in cui s'inserisce l'opera in progetto sono state condotte analisi di stabilità all'equilibrio limite con il metodo di Bishop basato sull'equilibrio dei momenti e delle forze verticali con risultante delle forze tra i conci contigui assunta orizzontale.

Le analisi di stabilità sono state condotte solo in condizioni statiche facendo riferimento alle indicazioni riportate in precedenza; in particolare si assume:

$$\gamma_r \geq 1.1$$



Analisi di stabilità: FS=3.129

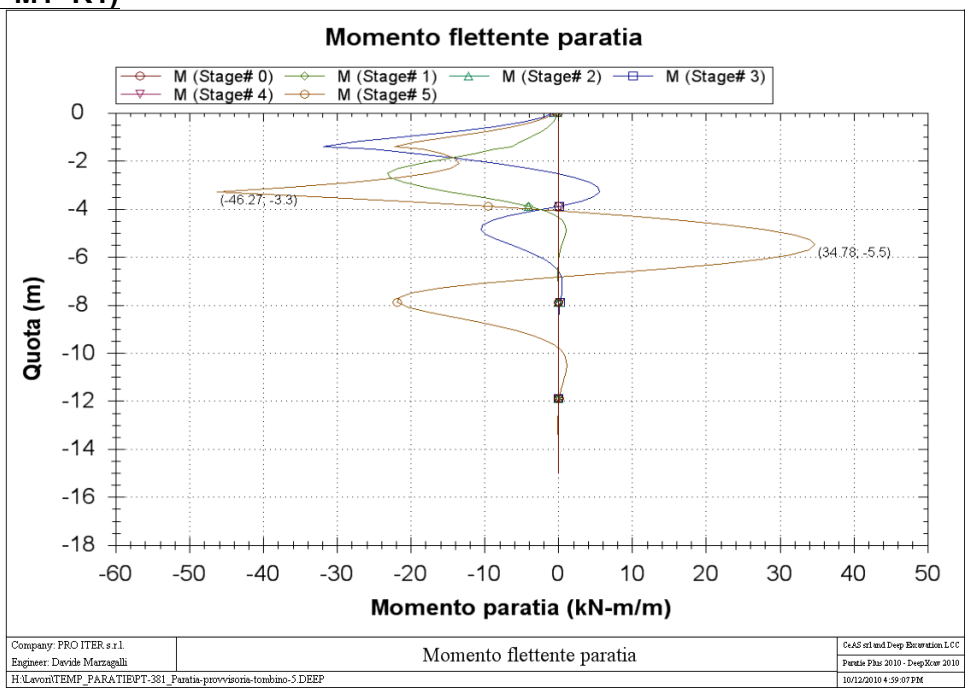
In accordo con la normativa vigente (D.M. 14/01/2008 paragrafo 2.4.1) si omettono le verifiche in fase sismica poichè lìopera risulta essere di tipo provvisorio e con durata prevista in progetto inferiore a 2 anni.

10.4.4 RISULTATI DELLE ANALISI

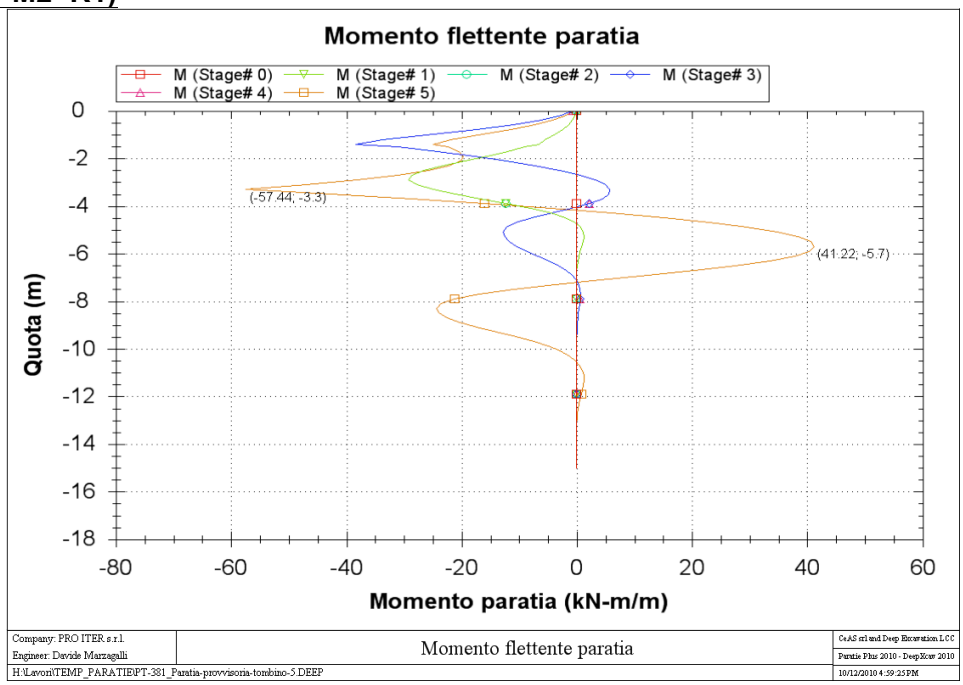
Di seguito vengono presentati i diagrammi dei momenti flettenti, dei tagli e delle azioni assiali nei contrasti per le due combinazioni di carico analizzate a Stato Limite Ultimo e le deformazioni a Stato Limite di Esercizio.

10.4.4.1 DIAGRAMMI DEL MOMENTO FLETTENTE

Comb1 (A1+M1+R1)

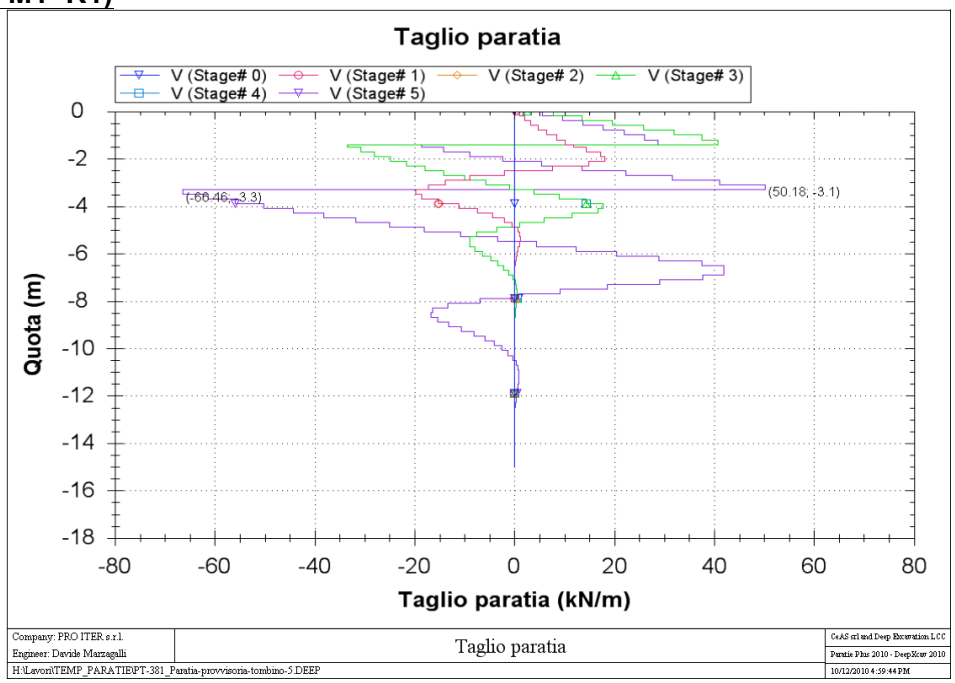


Comb2 (A2+M2+R1)

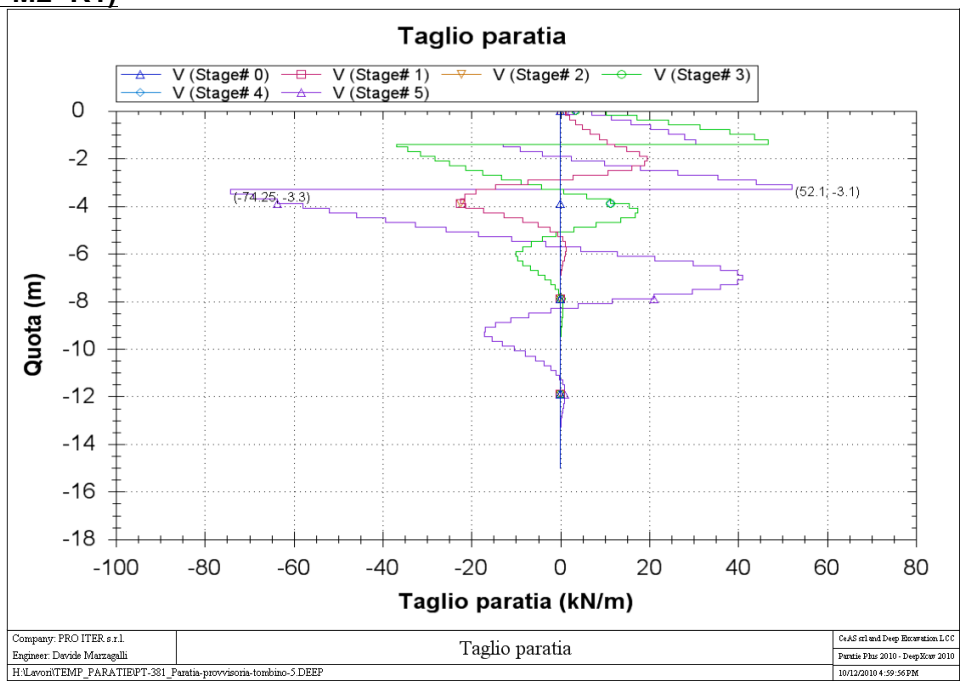


10.4.4.2 DIAGRAMMI DEL TAGLIO

Comb1 (A1+M1+R1)



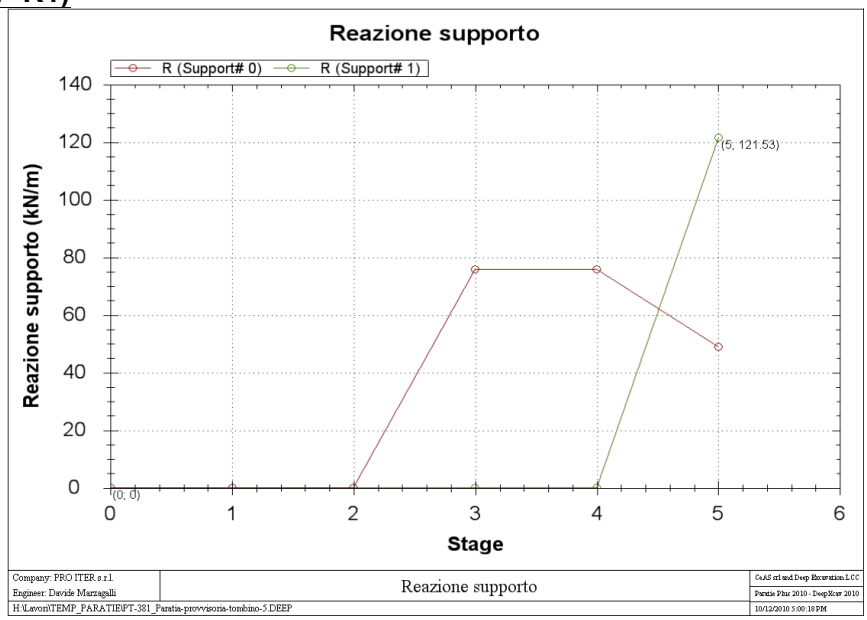
Comb2 (A2+M2+R1)



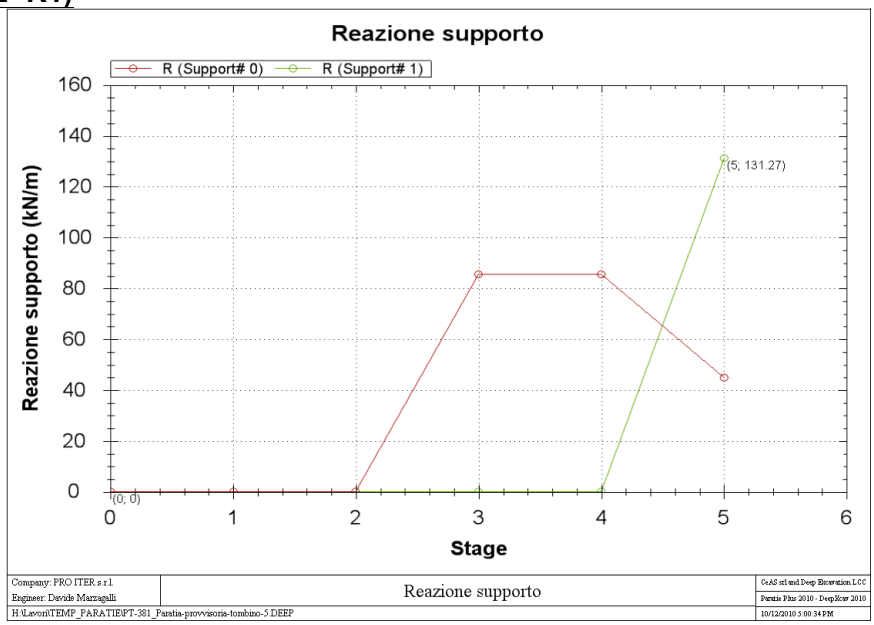
10.4.4.3 STORIA DI CARICO DEI CONTRASTI

Nel presente paragrafo si riporta la storia di carico dei contrasti.

Comb1 (A1+M1+R1)

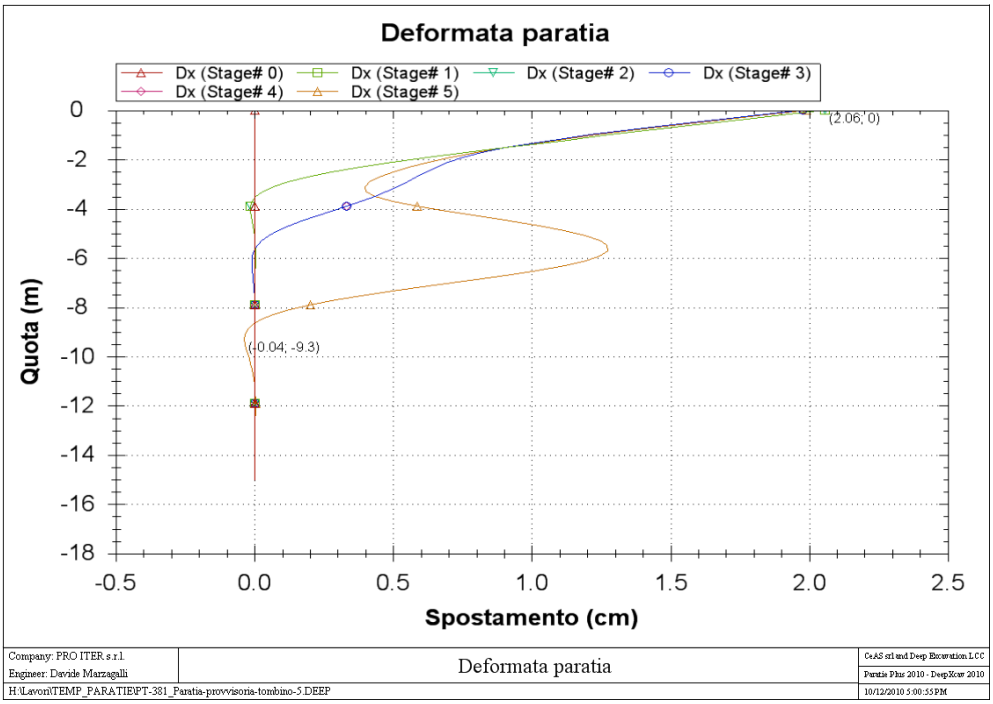


Comb2 (A2+M2+R1)



10.4.4.4 DIAGRAMMA DELLE DEFORMAZIONI

Di seguito si riportano i diagrammi delle deformazioni a Stato Limite di Esercizio.



Il valore massimo di spostamento pari a circa 2 cm è ritenuto ammissibile per l'opera in progetto e per la tipologia di terreno presente in sito.

10.4.5 VERIFICHE DEI MICROPALI

Le verifiche vengono effettuate a Stato Limite Ultimo, confrontando le sollecitazioni massime fornite dal programma nello step più sfavorevole con il dominio di progetto dei pali.
Nella seguente tabella si riportano le sollecitazioni massime per metro fuori piano e le sollecitazioni di progetto in ciascun micropalo (i = 0.30 m).

Combinazione	M_{Ed} [kNm/m]	V_{Ed} [kN/m]	$M_{Ed\text{-}palo}$ [kNm]	$V_{Ed\text{-}palo}$ [kN]
Comb 1	46.27	66.46	13.88	19.94
Comb 2	57.44	74.25	17.23	22.27

Con riferimento al paragrafo 4.2.4 delle N.T.C.2008, la resistenza di calcolo a flessione retta e a taglio (affidata, a favore di sicurezza) al solo profilato metallico, si calcola mediante le seguenti relazioni:

$$M_{Rd} \quad \frac{W_{pl} \quad f_{yk}}{\quad M0}$$

$$V_{Rd} \quad \frac{A_v \quad f_{yk}}{\sqrt{3} \quad M0}$$

Considerando le caratteristiche geometriche e meccaniche della sezione tubolare di acciaio del micropalo (costituita da un profilo cavo circolare commerciale tipo PM127□8 di acciaio S355), si ottiene:

$$M_{Rd} \quad \frac{W_{pl} \quad f_{yk}}{\quad M0} \quad \frac{113000 \quad 355}{1.05} \quad 10^{\ 6} \quad 38.20 \text{ kNm}$$

$$V_{Rd} \quad \frac{A_v \quad f_{yk}}{\sqrt{3} \quad M0} \quad \frac{1904 \quad 355}{\sqrt{3} \quad 1.05} \quad 10^{\ 3} \quad 371.66 \text{ kN}$$

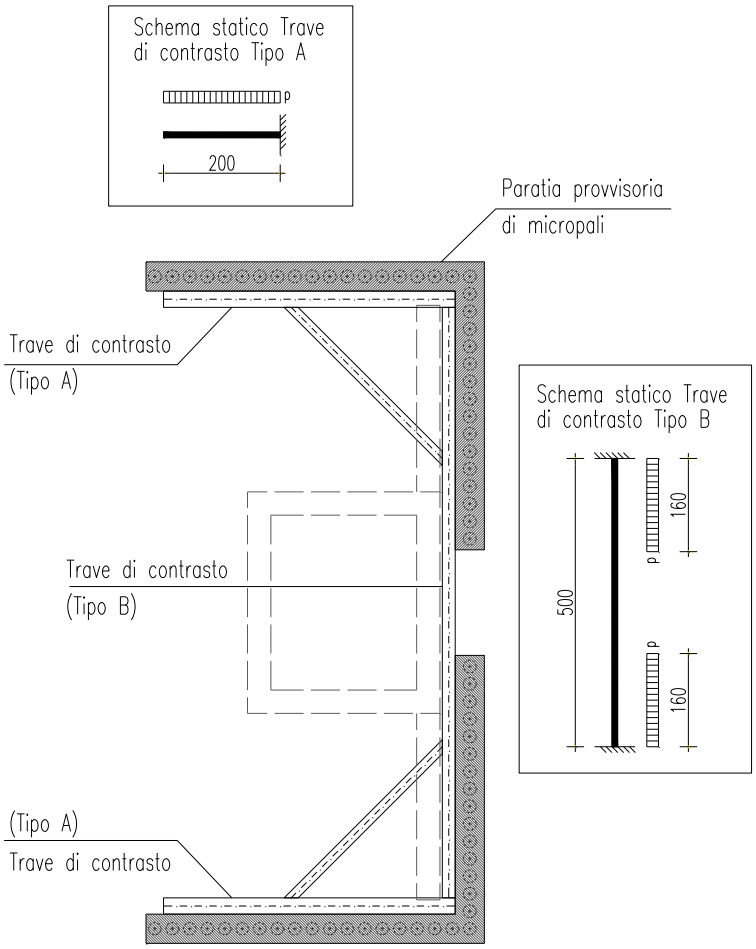
Le verifiche risultano soddisfatte poichè il momento resistente plastico M_{Rd} risulta superiore al momento di progetto M_{Ed} (si fa notare che, come prescritto da normativa, l'influenza del taglio sulla flessione viene trascurata poichè è sempre verificata la condizione $V_{Ed} < 0.5 \square V_{Rd}$).

10.4.6 VERIFICHE DEI CONTRASTI

Nella seguente tabella sono riportati i valori massimi dell'azione agente nei contrasti nelle diverse combinazioni (indicata nelle verifiche con T_{Ed}):

Ordine [-]	SLE [kN/m]	Comb1 [kN/m]	Comb2 [kN/m]
I	36.08	48.94	45.03
II	92.73	121.53	131.27

In questa fase si procede al dimensionamento dei contrasti maggiormente sollecitati (II° Ordine), rimandando eventuali affinamenti alla fase di P.E.; nella figura seguente si evidenziano la disposizione, la tipologia e lo schema statico adottato per il calcolo dei contrasti.



In base a quanto riportato nella figura precedente, si procede al dimensionamento delle travi di contrasto, utilizzando una forza "*p*" pari a 131.27 kN/m (valore a Stato Limite Ultimo).
Per la trave Tipo A si utilizza un profilo metallico commerciale tipo HEB280 (acciaio S275), mentre per la trave Tipo B un profilo HEB220 (acciaio S275).

Verifiche trave Tipo A

La sezione maggiormente sollecitata è quella d'incastro. Si ottiene pertanto:

$$M_{Sdu} \quad \frac{p \quad L^2}{2} \quad \frac{131.27 \quad 2^2}{2} \quad 263 \text{ kNm}$$

$$V_{Sdu} \quad p \quad L \quad 131.27 \quad 2 \quad 263 \text{ kN}$$

Considerando le caratteristiche meccaniche del profilo HEB280 ($W=1376cm^3$, $A_T=29.4cm^2$), si ottiene:

$$s \quad \frac{M_{Sdu}}{W} \quad \frac{263 \quad 10^6}{1376 \quad 10^3} \quad 190.80 \text{ N/mm}^2$$

$$s \quad \frac{V_{Sdu}}{A_T} \quad \frac{263 \quad 10^3}{29.40 \quad 10^2} \quad 89.30 \text{ N/mm}^2$$

$$id \quad \sqrt{\frac{2}{s} \quad 3 \quad \frac{2}{s}} \quad \sqrt{190.80^2 \quad 3 \quad 89.30^2} \quad 245.62 \text{ N/mm}^2 < f_{yd} = 261.90 \text{ N/mm}^2$$

La verifica risulta soddisfatta.

Verifiche trave Tipo B

La sezione maggiormente sollecitata è quella d'incastro. Si ottiene pertanto:

$$M_{Sdu} \quad \frac{p \quad a}{L} \quad a \quad L \quad a \quad \frac{L}{2} \quad \frac{a}{3} \quad \frac{131.27 \quad 1.6}{5} \quad 1.6 \quad 5 \quad 1.6 \quad \frac{5}{2} \quad \frac{1.6}{3} \quad 132 \text{ kNm}$$

$$V_{Sdu} \quad p \quad a \quad 131.27 \quad 1.6 \quad 210 \text{ kN}$$

Considerando le caratteristiche meccaniche del profilo HEB220 ($W=736cm^3$, $A_T=20.9cm^2$), si ottiene:

$$s \quad \frac{M_{Sdu}}{W} \quad \frac{132 \quad 10^6}{736 \quad 10^3} \quad 179.59 \text{ N/mm}^2$$

$$s \quad \frac{V_{Sdu}}{A_T} \quad \frac{210 \quad 10^3}{20.90 \quad 10^2} \quad 100.49 \text{ N/mm}^2$$

$$id \quad \sqrt{\frac{2}{s} \quad 3 \quad \frac{2}{s}} \quad \sqrt{179.59^2 \quad 3 \quad 100.49^2} \quad 250.10 \text{ N/mm}^2 < f_{yd} = 261.90 \text{ N/mm}^2$$

La verifica risulta soddisfatta.

11 TABULATI INPUT SAP2000

```
File H:\Ospite\Tomb-NL-300x400.s2k was saved on 13/09/10 at 10.00.00

TABLE:  "PROGRAM CONTROL"
   ProgramName=SAP2000      Version=14.0.0      ProgLevel=Advanced      LicenseNum=2C669
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SteelCode=AISC-ASD89    ConcCode="ACI 318-99"    AlumCode="AA-ASD 2000"    ColdCode=AISI-
ASD96   BridgeCode="AASHTO LRFD 2007"   RegenHinge=No

TABLE:  "ACTIVE DEGREES OF FREEDOM"
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TABLE:  "MATERIAL PROPERTIES 01 - GENERAL"
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TABLE:  "MATERIAL PROPERTIES 02 - BASIC MECHANICAL PROPERTIES"
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A1=.00001

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   SectionName=RITTI   Material=Rck40   Shape=Rectangular   t3=.6   t2=1
   SectionName=SOLETTA   Material=Rck40   Shape=Rectangular   t3=.6   t2=1

TABLE:  "LINK PROPERTY DEFINITIONS 01 - GENERAL"
   Link=TERR_NL     LinkType="MultiLinear Elastic"     Mass=0     Weight=0     RotInert1=0
RotInert2=0     RotInert3=0     DefLength=1     DefArea=1     PDM2I=0     PDM2J=0     PDM3I=0
PDM3J=0   Color=Magenta

TABLE:  "LINK PROPERTY DEFINITIONS 03 - MULTILINEAR"
   Link=TERR_NL    DOF=U1    Fixed=No    NonLinear=Yes    TransKE=0    TransCE=0    Point=1
Force=-8360   Displ=-10
   Link=TERR_NL   DOF=U1   Point=2   Force=-8360   Displ=-1
   Link=TERR_NL   DOF=U1   Point=3   Force=0   Displ=0
   Link=TERR_NL   DOF=U1   Point=4   Force=0   Displ=10

TABLE:  "LOAD PATTERN DEFINITIONS"
   LoadPat=PROPRI   DesignType=DEAD   SelfWtMult=1
   LoadPat=PERSUP   DesignType=DEAD   SelfWtMult=0
   LoadPat=PERINF   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPT-SX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPTKa-SX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPTd-SX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPTKad-SX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPT-DX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPTKa-DX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPTd-DX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPTKad-DX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPW-SX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPW-DX   DesignType=DEAD   SelfWtMult=0
```

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   LoadPat=IDRO   DesignType=DEAD   SelfWtMult=0
   LoadPat=ACCINF   DesignType=DEAD   SelfWtMult=0
   LoadPat=ACCSUP   DesignType=DEAD   SelfWtMult=0
   LoadPat=FREN   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPA-SX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPAKa-SX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPAd-SX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPAKad-SX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPA-DX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPAKa-DX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPAd-DX   DesignType=DEAD   SelfWtMult=0
   LoadPat=SPAKad-DX   DesignType=DEAD   SelfWtMult=0
   LoadPat=TEMPUNI   DesignType=DEAD   SelfWtMult=0
   LoadPat=TEMPVAR   DesignType=DEAD   SelfWtMult=0
   LoadPat=G1-SLD-X   DesignType=DEAD   SelfWtMult=0
   LoadPat=G1-SLD-Z   DesignType=DEAD   SelfWtMult=0
   LoadPat=G3-SLD-X   DesignType=DEAD   SelfWtMult=0
   LoadPat=G3-SLD-Z   DesignType=DEAD   SelfWtMult=0
   LoadPat=G1-SLV-X   DesignType=DEAD   SelfWtMult=0
   LoadPat=G1d-SLV-X   DesignType=DEAD   SelfWtMult=0
   LoadPat=G1-SLV-Z   DesignType=DEAD   SelfWtMult=0
   LoadPat=G3-SLV-X   DesignType=DEAD   SelfWtMult=0
   LoadPat=G3-SLV-Z   DesignType=DEAD   SelfWtMult=0

TABLE:  "LOAD CASE DEFINITIONS"
   Case=SLE-QP-01       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-02       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-03       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-04       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-05       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-06       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-07       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-08       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-09       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-10       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-11       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-12       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-13       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-14       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-15       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-16       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-17       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-18       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-19       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-20       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-21       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
```

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   Case=SLE-QP-22       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-23       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-24       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-25       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-26       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-27       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-28       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-29       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-30       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-31       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-QP-32       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-01       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-02       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-03       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-04       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-05       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-06       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-07       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-08       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-09       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-10       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-11       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-12       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-13       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-14       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-15       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-16       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-17       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-18       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-19       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-20       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-21       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-FR-22       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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   Case=SLE-FR-23         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-24         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-25         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-26         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-27         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-28         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-29         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-30         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-31         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-32         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-33         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-34         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-35         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-36         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-37         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-38         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-39         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-40         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-41         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-42         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-43         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-44         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-45         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-46         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-47         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-48         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-49         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-50         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-51         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-52         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-53         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-54         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-55         Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
```

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   Case=SLE-FR-56       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-57       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-58       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-59       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-60       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-61       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-62       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-63       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-64       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-65       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-66       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-67       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-68       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-69       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-70       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-71       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-72       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-73       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-74       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-75       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-76       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-77       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-78       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-79       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-80       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-81       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-82       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-83       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-84       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-85       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-86       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-87       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-88       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
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   Case=SLE-FR-89       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-90       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-91       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-92       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-93       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-94       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-95       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-FR-96       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-001      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-002      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-003      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-004      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-005      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-006      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-007      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-008      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-009      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-010      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-011      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-012      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-013      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-014      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-015      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-016      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-017      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-018      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-019      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-020      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-021      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-022      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-023      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-024      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-025      Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
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   Case=SLE-CAR-026      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-027      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-028      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-029      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-030      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-031      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-032      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-033      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-034      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-035      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-036      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-037      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-038      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-039      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-040      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-041      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-042      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-043      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-044      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-045      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-046      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-047      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-048      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-049      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-050      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-051      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-052      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-053      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-054      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-055      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-056      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-057      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-058      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-060      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-061      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-062      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-063      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-064      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-065      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-066      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-067      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-068      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-069      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-070      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-071      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-072      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-073      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-074      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-075      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-076      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-077      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-078      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-079      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-080      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-081      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-082      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-083      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-084      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-085      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-086      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-087      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-088      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-089      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-090      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-091      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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   Case=SLE-CAR-092      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-093      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-094      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-095      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-096      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-097      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-098      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-099      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-100      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-101      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-102      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-103      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-104      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-105      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-106      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-107      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-108      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-109      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-110      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-111      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-112      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-113      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-114      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-115      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-116      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-117      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-118      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-119      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-120      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-121      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-122      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-123      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-124      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-127      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-128      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-129      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-130      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-131      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-132      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-133      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-134      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-135      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-136      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-137      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-138      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-139      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-140      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-141      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-142      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-143      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-144      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-145      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-146      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-147      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-148      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-149      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-150      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-151      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-152      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-153      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-154      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-155      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-156      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLE-CAR-157      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
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   Case=SLE-CAR-158      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-159      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-160      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-01      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-02      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-03      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-04      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-05      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-06      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-07      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-08      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-09      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-10      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-11      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-12      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-13      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-14      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-15      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-SIS-16      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-01      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-02      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-03      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-04      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-05      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-06      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-07      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-08      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-09      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-10      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-11      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-12      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-13      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-14      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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   Case=FESS-QP-15       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-16       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-17       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-18       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-19       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-20       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-21       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-22       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-23       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-24       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-25       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-26       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-27       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-28       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-29       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-30       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-31       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-QP-32       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-01       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-02       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-03       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-04       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-05       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-06       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-07       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-08       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-09       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-10       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-11       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-12       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-13       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-14       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-15       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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   Case=FESS-FR-16       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-17       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-18       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-19       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-20       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-21       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-22       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-23       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-24       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-25       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-26       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-27       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-28       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-29       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-30       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-31       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-32       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-33       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-34       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-35       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-36       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-37       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-38       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-39       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-40       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-41       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-42       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-43       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-44       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-45       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-46       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-47       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=FESS-FR-48       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
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   Case=FESS-FR-49       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-50       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-51       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-52       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-53       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-54       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-55       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-56       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-57       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-58       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-59       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-60       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-61       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-62       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-63       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-64       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-65       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-66       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-67       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-68       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-69       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-70       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-71       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-72       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-73       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-74       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-75       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-76       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-77       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-78       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-79       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-80       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-81       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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   Case=FESS-FR-82       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-83       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-84       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-85       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-86       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-87       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-88       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-89       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-90       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-91       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-92       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-93       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-94       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-95       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=FESS-FR-96       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-001       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-002       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-003       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-004       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-005       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-006       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-007       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-008       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-009       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-010       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-011       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-012       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-013       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-014       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-015       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-016       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-017       Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-020      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-021      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-022      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-023      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-024      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-025      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-026      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-027      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-028      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-029      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-030      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-031      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-032      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-033      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-034      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-035      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-036      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-037      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-038      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-039      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-040      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-041      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-042      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-043      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-044      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-045      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-046      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-047      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-048      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-049      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-050      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-051      Type=NonStatic     InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-053      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-054      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-055      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-056      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-057      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-058      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-059      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-060      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-061      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-062      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-063      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-064      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-065      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-066      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-067      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-068      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-069      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-070      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-071      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-072      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-073      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-074      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-075      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-076      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-077      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-078      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-079      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-080      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-081      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-082      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-083      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-087      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-088      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-089      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-090      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-091      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-092      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-093      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-094      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-095      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-096      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-097      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-098      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-099      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-101      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-102      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-103      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-104      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-105      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-106      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-107      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-108      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-109      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-110      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-111      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-112      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-113      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-115      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-116      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-117      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-120      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-121      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-122      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-123      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-124      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-125      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-126      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-127      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-128      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-129      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-130      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-131      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-132      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-133      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-134      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-135      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-136      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-137      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-138      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-139      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-140      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-141      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-142      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-143      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-144      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-145      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-146      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-147      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-148      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-149      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-150      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog   Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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   Case=SLU-STR-151       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-152       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-153       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-154       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-155       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-156       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-157       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-158       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-159       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-160       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-001       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-002       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-003       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-004       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-005       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-006       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-007       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-008       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-009       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-010       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-011       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-012       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-013       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-014       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-015       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-016       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-017       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-018       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-019       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-020       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-021       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-022       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-023       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
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   Case=SLU-GEO-024      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-025      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-026      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-027      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-028      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-029      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-030      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-031      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-032      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-033      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-034      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-035      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-036      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-037      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-038      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-039      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-040      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-041      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-042      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-043      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-044      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-045      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-046      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-047      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-048      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-049      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-050      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-051      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-052      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-053      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-054      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-055      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-056      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-058      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-059      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-060      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-061      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-062      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-063      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-064      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-065      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-066      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-067      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-068      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-069      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-070      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-071      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-072      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-073      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-074      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-075      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-076      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-077      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-078      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-079      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-080      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-081      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-082      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-083      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-084      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-085      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-086      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-087      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-088      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-089      Type=NonStatic      InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
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DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-091      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-092      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-093      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-094      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-095      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-096      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-097      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-098      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-099      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-100      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-101      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-102      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-103      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-104      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-105      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-106      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-107      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-108      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-109      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-110      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-111      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-112      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-113      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-114      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-115      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-116      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-117      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-118      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-119      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-120      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-121      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-122      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
```

```
   Case=SLU-GEO-123      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-124      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-125      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-126      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-127      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-128      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-129      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-130      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-131      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-132      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-133      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-134      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-135      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-136      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-137      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-138      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-139      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-140      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-141      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-142      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-143      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-144      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-145      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-146      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-147      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-148      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-149      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-150      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-151      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-152      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-153      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-154      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-GEO-155      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
```

```
   Case=SLU-GEO-156      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-157      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-158      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-159      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-GEO-160      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-01      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-02      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-03      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-04      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-05      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-06      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-07      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-08      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-09      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-10      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-11      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-12      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-13      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-14      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-15      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-16      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-17      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-18      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-19      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-20      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-21      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-22      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-23      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-24      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-25      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-26      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-27      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-SIS-28      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
```

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   Case=SLU-SIS-29       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-SIS-30       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-SIS-31       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-SIS-32       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"

TABLE:  "CASE - STATIC 1 - LOAD ASSIGNMENTS"
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
   Case=SLE-QP-01   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
   Case=SLE-QP-02   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
   Case=SLE-QP-03   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
   Case=SLE-QP-04   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
   Case=SLE-QP-05   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
   Case=SLE-QP-05   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
   Case=SLE-QP-05   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
   Case=SLE-QP-05   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
   Case=SLE-QP-05   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
   Case=SLE-QP-05   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
   Case=SLE-QP-05   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
   Case=SLE-QP-05   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
   Case=SLE-QP-05   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
   Case=SLE-QP-06   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
   Case=SLE-QP-06   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
   Case=SLE-QP-06   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
   Case=SLE-QP-06   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
   Case=SLE-QP-06   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
   Case=SLE-QP-06   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
   Case=SLE-QP-06   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
   Case=SLE-QP-06   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
```

```
Case=SLE-QP-06   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-07   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-07   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-07   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-07   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-07   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-QP-07   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-07   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-07   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-07   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-08   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-08   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-08   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-08   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-08   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-QP-08   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-08   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-08   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-08   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-QP-09   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-QP-10   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-11   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-12   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-13   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-13   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-13   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-13   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-13   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-QP-13   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-13   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-13   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
```

```
Case=SLE-QP-13   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-14   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-14   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-14   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-14   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-14   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-QP-14   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-14   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-14   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-QP-14   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-15   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-15   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-15   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-15   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-15   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-QP-15   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-15   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-15   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-15   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-16   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-16   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-16   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-16   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-QP-16   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-QP-16   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-16   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-16   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-16   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-QP-17   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-QP-18   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-19   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
```

```
Case=SLE-QP-20   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-21   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-21   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-21   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-21   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-21   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-QP-21   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-21   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-21   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-QP-21   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-22   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-22   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-22   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-22   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-22   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-QP-22   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-22   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-22   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-QP-22   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-23   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-23   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-23   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-23   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-23   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-QP-23   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-23   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-23   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-23   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-24   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-24   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-24   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-24   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-24   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-QP-24   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-24   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-24   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-24   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-QP-25   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-QP-26   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-QP-27   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
```

```
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.5
Case=SLE-QP-28   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-QP-29   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-QP-29   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-QP-29   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-QP-29   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-QP-29   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-QP-29   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-QP-29   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-QP-29   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.5
Case=SLE-QP-29   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.5
Case=SLE-QP-30   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-QP-30   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-QP-30   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-QP-30   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-QP-30   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-QP-30   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-QP-30   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-QP-30   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.5
Case=SLE-QP-30   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-QP-31   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-QP-31   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-QP-31   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-QP-31   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-QP-31   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-QP-31   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-QP-31   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-QP-31   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.5
Case=SLE-QP-31   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.5
Case=SLE-QP-32   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-QP-32   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-QP-32   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-QP-32   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-QP-32   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-QP-32   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-QP-32   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-QP-32   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.5
Case=SLE-QP-32   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=1
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.6
Case=SLE-FR-01   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.6
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=1
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.6
Case=SLE-FR-02   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.6
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
```

```
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-03   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-04   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-05   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-05   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-05   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-05   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-05   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-05   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-05   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-05   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-05   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-06   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-06   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-06   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-06   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-06   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-06   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-06   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-06   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-06   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-07   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-07   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-07   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-07   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-07   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-07   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-07   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-07   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-07   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-08   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-08   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-08   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-08   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-08   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-08   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-08   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-08   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-08   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-09   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
```

```
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-10   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-11   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-12   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-13   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-13   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-13   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-13   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-13   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-13   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-13   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-13   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-13   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-14   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-14   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-14   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-14   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-14   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-14   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-14   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-14   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-14   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-15   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-15   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-15   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-15   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-15   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-15   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-15   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-15   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-15   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-16   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-16   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-16   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-16   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-16   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-16   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-16   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-16   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-16   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-17   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-17   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-17   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

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Case=SLE-FR-17   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-17   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-17   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-17   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-17   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-17   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-17   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-18   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-19   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-20   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-21   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-21   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-21   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-21   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-21   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-21   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-21   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-21   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-21   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-22   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-22   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-22   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-22   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-22   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-22   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-22   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-22   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-22   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-23   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-23   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-23   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-23   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-23   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-23   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-23   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-23   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-23   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-24   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-24   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-24   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=SLE-FR-24   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-24   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-24   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-24   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-24   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-24   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-25   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-26   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-27   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-28   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-29   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-29   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-29   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-29   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-29   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-29   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-29   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-29   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-29   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-30   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-30   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-30   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-30   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-30   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-30   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-30   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-30   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-FR-30   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-31   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-31   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-31   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=SLE-FR-31   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-31   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-31   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-31   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-31   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-31   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-FR-32   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-32   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-32   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-32   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-32   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-32   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-32   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-32   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-FR-32   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-33   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-34   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-35   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
```

```
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-36   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-37   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-38   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-39   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-40   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
```

```
Case=SLE-FR-41   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-42   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-43   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-44   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-45   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-46   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
```

```
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-47   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-48   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-49   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-50   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-51   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
```

```
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-52   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-53   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-54   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-55   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-56   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-57   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
```

```
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-58   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-59   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-60   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-61   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-62   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
```

```
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-63   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-64   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-65   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-66   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-67   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
```

```
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-68   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-69   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-70   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-71   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-72   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-73   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-74   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=1
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=SPAKa-DX    LoadSF=.75
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=.5
Case=SLE-FR-74    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=1
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=SPAKa-DX    LoadSF=.75
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=-.5
Case=SLE-FR-75    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=.5
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=1
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=SPAKa-DX    LoadSF=.75
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=-.5
Case=SLE-FR-76    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=1
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=.5
Case=SLE-FR-77    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=.5
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=1
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=.5
Case=SLE-FR-78    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=1
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-79    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=-.5
```

```
Case=SLE-FR-79   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-80   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-81   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-82   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-83   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
```

```
Case=SLE-FR-84   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-85   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-86   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-87   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-FR-88   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-FR-89   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-FR-90   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-FR-90   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
```

```
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.375
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.5
Case=SLE-FR-90    LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.375
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.5
Case=SLE-FR-91    LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.5
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.375
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.5
Case=SLE-FR-92    LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.5
Case=SLE-FR-93    LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.5
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.5
Case=SLE-FR-94    LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.5
Case=SLE-FR-95    LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.5
```

```
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=.5
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=.75
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=.75
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=-.5
Case=SLE-FR-96    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=SPT-SX    LoadSF=1
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=SPT-DX    LoadSF=1
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=IDRO    LoadSF=1
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=1
Case=SLE-CAR-001    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=SPT-SX    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=SPT-DX    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=IDRO    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=1
Case=SLE-CAR-002    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=-1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=SPT-SX    LoadSF=1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=SPT-DX    LoadSF=1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=IDRO    LoadSF=1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=-1
Case=SLE-CAR-003    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=SPT-SX    LoadSF=1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=SPT-DX    LoadSF=1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=IDRO    LoadSF=1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=-1
Case=SLE-CAR-004    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=-1
Case=SLE-CAR-005    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-005    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-005    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-CAR-005    LoadType="Load pattern"    LoadName=SPT-SX    LoadSF=1
Case=SLE-CAR-005    LoadType="Load pattern"    LoadName=SPT-DX    LoadSF=1
Case=SLE-CAR-005    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-005    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-005    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=1
Case=SLE-CAR-005    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=1
Case=SLE-CAR-006    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-006    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-006    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1
Case=SLE-CAR-006    LoadType="Load pattern"    LoadName=SPT-SX    LoadSF=1
Case=SLE-CAR-006    LoadType="Load pattern"    LoadName=SPT-DX    LoadSF=1
Case=SLE-CAR-006    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-006    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1
```

```
Case=SLE-CAR-006   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-006   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-007   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-007   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-007   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-007   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-007   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-007   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-007   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-007   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-007   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-008   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-008   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-008   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-008   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-008   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-008   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-008   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-008   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-008   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-009   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-010   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-011   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
```

```
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-012   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-013   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-014   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-015   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-016   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
```

```
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-017   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-018   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-019   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-020   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-021   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-022   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-023   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-024   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-025   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-026   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-027   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-028   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-029   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-029   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-029   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-029   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-029   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-029   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-029   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-029   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
```

```
Case=SLE-CAR-029   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-030   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-030   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-030   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-030   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-030   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-030   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-030   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-030   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-030   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-031   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-031   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-031   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-031   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-031   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-031   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-031   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-031   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-031   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-032   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-032   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-032   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-032   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-032   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-032   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-032   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-032   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-032   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-033   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-034   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
```

```
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-035   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-036   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-037   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-038   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-039   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
```

```
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-040   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-041   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-042   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-043   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-044   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-045   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
```

```
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-046   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-047   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-048   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-049   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-050   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-051   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-052   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
```

```
Case=SLE-CAR-053   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-053   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-053   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-053   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-053   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-053   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-053   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-053   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-053   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-054   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-054   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-054   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-054   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-054   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-054   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-054   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-054   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-054   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-055   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-055   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-055   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-055   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-055   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-055   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-055   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-055   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-055   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-056   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-056   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-056   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-056   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-056   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-056   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-056   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-056   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-056   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-057   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-058   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-059   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-060   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-061   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-062   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-063   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-064   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-065   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-066   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-067   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-068   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
```

```
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-069   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-070   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-071   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-072   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-073   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-074   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-075   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
```

```
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-076   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-077   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-077   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-077   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-077   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-077   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-077   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-077   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-077   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-077   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-078   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-078   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-078   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-078   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-078   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-078   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-078   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-078   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-078   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-079   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-079   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-079   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-079   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-079   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-079   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-079   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-079   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-079   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-080   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-080   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-080   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-080   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-080   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-080   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-080   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-080   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-080   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-081   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
```

```
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-082   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.75
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-083   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.75
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-084   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.75
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-085   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.75
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.75
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-086   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
```

```
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-087   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-088   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-089   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-090   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-091   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-092   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-093   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLE-CAR-094   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-095   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLE-CAR-096   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-097   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
```

```
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-098   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-099   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-100   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-101   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-102   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-103   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-104   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-105   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-106   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-107   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-108   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-109   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-110   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-111   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-112   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
```

```
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.5
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-113   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.5
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-114   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.5
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-115   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.5
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-116   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-117   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
```

```
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-118   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-119   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-120   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.5
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-121   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.5
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-122   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.5
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-123   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.5
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-124   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-125   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-126   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-127   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
```

```
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-128   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-129   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-130   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-131   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-132   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-133   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-134   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-135   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-136   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
```

```
Case=SLE-CAR-137   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-138   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-139   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-140   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-141   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-142   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-143   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-144   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.5
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-145   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.5
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-146   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.5
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-147   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.5
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-148   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-149   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-150   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-151   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
```

```
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-152   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.5
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-153   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.5
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-154   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.5
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-155   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.5
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLE-CAR-156   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=FREN   LoadSF=1
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLE-CAR-157   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
```

```
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=FREN    LoadSF=1
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.6
Case=SLE-CAR-158   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.6
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=FREN    LoadSF=1
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.6
Case=SLE-CAR-159   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.6
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=FREN    LoadSF=1
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.6
Case=SLE-CAR-160   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.6
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.5
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.5
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=.3
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=G3-SLD-X   LoadSF=1
Case=SLE-SIS-01   LoadType="Load pattern"   LoadName=G3-SLD-Z   LoadSF=.3
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.5
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.5
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=.3
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=G3-SLD-X   LoadSF=1
Case=SLE-SIS-02   LoadType="Load pattern"   LoadName=G3-SLD-Z   LoadSF=.3
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
```

```
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=1
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=.3
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=G3-SLD-X   LoadSF=1
Case=SLE-SIS-03   LoadType="Load pattern"   LoadName=G3-SLD-Z   LoadSF=.3
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=.3
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=G3-SLD-X   LoadSF=1
Case=SLE-SIS-04   LoadType="Load pattern"   LoadName=G3-SLD-Z   LoadSF=.3
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=1
Case=SLE-SIS-05   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=.3
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=1
Case=SLE-SIS-06   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=.3
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=1
Case=SLE-SIS-07   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=.3
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
```

```
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=1
Case=SLE-SIS-08   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=.3
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=.3
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=1
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=G3-SLD-X   LoadSF=.3
Case=SLE-SIS-09   LoadType="Load pattern"   LoadName=G3-SLD-Z   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=.3
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=1
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=G3-SLD-X   LoadSF=.3
Case=SLE-SIS-10   LoadType="Load pattern"   LoadName=G3-SLD-Z   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=.3
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=1
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=G3-SLD-X   LoadSF=.3
Case=SLE-SIS-11   LoadType="Load pattern"   LoadName=G3-SLD-Z   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=.3
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=1
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=G3-SLD-X   LoadSF=.3
Case=SLE-SIS-12   LoadType="Load pattern"   LoadName=G3-SLD-Z   LoadSF=1
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
```

```
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=.3
Case=SLE-SIS-13   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=1
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=.3
Case=SLE-SIS-14   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=1
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=.3
Case=SLE-SIS-15   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=1
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=G1-SLD-X   LoadSF=.3
Case=SLE-SIS-16   LoadType="Load pattern"   LoadName=G1-SLD-Z   LoadSF=1
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-01   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-02   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-03   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
```

```
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-04   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-05   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-05   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-05   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-05   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-05   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-QP-05   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-05   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-05   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-05   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-06   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-06   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-06   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-06   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-06   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-QP-06   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-06   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-06   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-06   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-07   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-07   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-07   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-07   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-07   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-QP-07   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-07   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-07   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-07   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-08   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-08   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-08   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-08   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-08   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-QP-08   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-08   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-08   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-08   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-09   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-10   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-11   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-12   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-13   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-13   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-13   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-13   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-13   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-QP-13   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-13   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-13   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-13   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-14   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-14   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-14   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-14   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-14   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-QP-14   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-14   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-14   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-14   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-15   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-15   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-15   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-15   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-15   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-QP-15   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-15   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-15   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-15   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-16   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-16   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-16   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-16   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-QP-16   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-QP-16   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-16   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-16   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-16   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-17   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
```

```
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-18   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-19   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-20   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-21   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-21   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-21   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-21   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-21   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-QP-21   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-21   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-21   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-21   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-22   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-22   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-22   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-22   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-22   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-QP-22   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-22   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-22   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-22   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-23   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-23   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-23   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-23   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-23   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-QP-23   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-23   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-23   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-23   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-24   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-24   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-24   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-24   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-24   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-QP-24   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-24   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-24   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-24   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
```

```
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-25   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-26   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-27   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-28   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-29   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-29   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-29   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-29   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-29   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-QP-29   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-29   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-29   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-29   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-30   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-30   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-30   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-30   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-30   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-QP-30   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-30   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-30   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-QP-30   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-QP-31   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-31   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-31   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-31   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-31   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-QP-31   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-31   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-31   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-31   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-QP-32   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-QP-32   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-QP-32   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-QP-32   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-QP-32   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
```

```
Case=FESS-QP-32   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-QP-32   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-QP-32   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-QP-32   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-01   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-02   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-03   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-04   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-05   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-05   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-05   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-05   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-05   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-05   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-05   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-05   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-05   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-06   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-06   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-06   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-06   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-06   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-06   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-06   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-06   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-06   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-07   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-07   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-07   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-07   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-07   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
```

```
Case=FESS-FR-07   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-07   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-07   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-07   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-08   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-08   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-08   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-08   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-08   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-08   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-08   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-08   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-08   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-09   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-10   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-11   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-12   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-13   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-13   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-13   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-13   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-13   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-13   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-13   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-13   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-13   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-14   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-14   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-14   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-14   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-14   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
```

```
Case=FESS-FR-14   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-14   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-14   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-14   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-15   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-15   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-15   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-15   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-15   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-15   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-15   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-15   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-15   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-16   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-16   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-16   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-16   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-16   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-16   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-16   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-16   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-16   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-17   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-18   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-19   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-20   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-21   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-21   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-21   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-21   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-21   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
```

```
Case=FESS-FR-21   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-21   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-21   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-21   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-22   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-22   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-22   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-22   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-22   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-22   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-22   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-22   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-22   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-23   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-23   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-23   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-23   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-23   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-23   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-23   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-23   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-23   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-24   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-24   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-24   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-24   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-24   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-24   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-24   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-24   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-24   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-25   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-26   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-27   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
```

```
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-28   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-29   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-29   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-29   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-29   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-29   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-29   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-29   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-29   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-29   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-30   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-30   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-30   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-30   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-30   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-30   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-30   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-30   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=FESS-FR-30   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-31   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-31   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-31   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-31   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-31   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-31   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-31   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-31   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-31   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=FESS-FR-32   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-32   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-32   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-32   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-32   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-32   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-32   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-32   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=FESS-FR-32   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-33   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
```

```
Case=FESS-FR-34   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-35   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-36   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-37   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-38   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
```

```
Case=FESS-FR-39   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-40   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-41   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-42   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-43   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.75
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-44   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
```

```
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-45   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-46   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-47   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-48   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-49   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-50   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
```

```
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-51   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-52   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-53   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-54   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-55   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
```

```
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-56   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-57   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-58   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-59   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.375
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-60   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
```

```
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-61   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-62   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-63   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.75
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-64   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-65   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-66   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-67   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-68   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-69   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-70   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-71   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-72   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-73   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-74   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-75   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.75
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-76   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
```

```
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-77   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-78   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-79   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-80   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-81   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-82   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
```

```
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-83   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-84   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-85   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-86   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-87   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
```

```
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.75
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-88   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-89   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-90   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-91   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.375
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-92   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
```

```
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-93   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=FESS-FR-94   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-95   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.75
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.75
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=FESS-FR-96   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-001   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-002   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-003   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
```

```
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-004   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-005   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-005   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-005   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-005   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-005   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-005   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-005   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-005   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-005   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-006   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-006   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-006   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-006   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-006   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-006   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-006   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-006   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-006   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-007   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-007   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-007   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-007   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-007   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-007   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-007   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-007   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-007   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-008   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-008   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-008   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-008   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-008   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-008   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-008   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-008   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-008   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.0125
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-009   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
```

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Case=SLU-STR-010   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.0125
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-010   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.0125
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-011   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.0125
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-012   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-013   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-014   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
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Case=SLU-STR-015   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-015   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-016   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.0125
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-017   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.0125
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-018   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.0125
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-019   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.0125
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-020   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
```

```
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-021   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-022   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-023   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-024   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-025   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-026   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
```

```
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-027   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-028   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-029   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-029   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-029   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-029   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-029   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-029   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-029   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-029   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-029   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-030   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-030   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-030   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-030   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-030   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-030   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-030   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-030   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-030   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-031   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-031   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-031   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-031   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-031   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-031   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-031   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-031   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-031   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-032   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-032   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-032   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-032   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-032   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-032   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-032   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-032   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-032   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.50625
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-033   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
```

```
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.675
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.0125
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.0125
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=SPA-DX    LoadSF=.50625
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1.2
Case=SLU-STR-034   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1.2
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.675
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.0125
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.0125
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=SPA-DX    LoadSF=.50625
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1.2
Case=SLU-STR-035   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1.2
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.675
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.0125
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.0125
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=SPA-DX    LoadSF=.50625
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1.2
Case=SLU-STR-036   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1.2
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.675
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.0125
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.0125
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1.2
Case=SLU-STR-037   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1.2
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.675
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.0125
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.0125
Case=SLU-STR-038   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1.2
```

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Case=SLU-STR-038   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-039   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-040   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.50625
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-041   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.50625
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-042   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.50625
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-043   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
```

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Case=SLU-STR-044   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.50625
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-044   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-045   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-046   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-047   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.0125
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-048   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-049   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
```

```
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-050   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-051   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-052   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-053   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-053   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-053   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-053   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-053   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-053   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-053   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-053   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-053   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-054   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-054   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-054   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-054   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-054   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-054   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-054   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-054   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-054   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-055   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-055   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-055   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-055   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-055   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-055   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-055   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-055   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
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Case=SLU-STR-056   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-056   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-056   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-056   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-056   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-056   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-056   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-056   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-056   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
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Case=SLU-STR-057   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.0125
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-057   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.0125
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-058   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.0125
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-059   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.0125
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-060   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-061   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
```

```
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-062   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-063   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-064   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.0125
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-065   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.0125
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-066   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
```

```
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.0125
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-067   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.0125
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-068   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-069   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-070   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-071   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-072   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
```

```
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1.2
Case=SLU-STR-073   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1.2
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1.2
Case=SLU-STR-074   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1.2
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1.2
Case=SLU-STR-075   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1.2
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1.2
Case=SLU-STR-076   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1.2
Case=SLU-STR-077   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-077   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-077   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-077   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-077   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-077   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-077   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-077   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1.2
Case=SLU-STR-077   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1.2
Case=SLU-STR-078   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-078   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-078   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-078   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-078   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-078   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-078   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-078   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1.2
Case=SLU-STR-078   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1.2
Case=SLU-STR-079   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-079   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-079   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-079   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-079   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-079   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-079   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-079   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1.2
Case=SLU-STR-079   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1.2
Case=SLU-STR-080   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-080   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-080   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-080   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-080   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-080   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-080   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
```

```
Case=SLU-STR-080   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-080   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.50625
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-081   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.50625
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-082   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.50625
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-083   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.50625
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-084   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
```

```
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-085   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-086   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-087   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.0125
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-088   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.50625
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-089   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.0125
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.50625
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-090   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
```

```
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.50625
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-091   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.50625
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-092   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-093   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1.2
Case=SLU-STR-094   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
Case=SLU-STR-095   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.0125
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.0125
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1.2
```

```
Case=SLU-STR-096   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1.2
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.35
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-097   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.35
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-098   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.35
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-099   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.35
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-100   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
```

```
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-101   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-102   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-103   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-104   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.35
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-105   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
```

```
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.35
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-106   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.35
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-107   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.35
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-108   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-109   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-110   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1.35
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
```

```
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.35
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.72
Case=SLU-STR-111   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.72
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.35
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.72
Case=SLU-STR-112   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.72
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.675
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.35
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=SPA-DX    LoadSF=.675
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.72
Case=SLU-STR-113   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.72
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.675
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.35
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=SPA-DX    LoadSF=.675
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.72
Case=SLU-STR-114   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.72
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.675
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.35
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=SPA-DX    LoadSF=.675
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.72
Case=SLU-STR-115   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.72
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1.35
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.675
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
```

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Case=SLU-STR-116   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.675
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-116   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-117   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-118   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-119   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-120   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
```

```
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.675
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-121   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.675
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-122   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.675
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-123   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.675
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-124   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-125   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
```

```
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-126   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-127   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1.35
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.675
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.35
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-128   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.35
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-129   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.35
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-130   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
```

```
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.35
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-131   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.35
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-132   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-133   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-134   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-135   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
```

```
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-136   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.35
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-137   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.35
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-138   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.35
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-139   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.35
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-140   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
```

```
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-141   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-142   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-143   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-144   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.675
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-145   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
```

```
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.675
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-146   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.675
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-147   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.675
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.72
Case=SLU-STR-148   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-149   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.72
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.675
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.5
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.35
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.72
Case=SLU-STR-150   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.72
```

```
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=ACCINF    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=FREN    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=-.72
Case=SLU-STR-151    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=.72
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=IDRO    LoadSF=1.5
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=ACCINF    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=FREN    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=-.72
Case=SLU-STR-152    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=-.72
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=FREN    LoadSF=1.35
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=SPAKa-DX    LoadSF=.675
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=.72
Case=SLU-STR-153    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=.72
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=FREN    LoadSF=1.35
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=SPAKa-DX    LoadSF=.675
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=.72
Case=SLU-STR-154    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=-.72
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=FREN    LoadSF=1.35
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=SPAKa-DX    LoadSF=.675
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=TEMPUNI    LoadSF=-.72
Case=SLU-STR-155    LoadType="Load pattern"    LoadName=TEMPVAR    LoadSF=.72
```

```
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.675
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.72
Case=SLU-STR-156   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.72
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.72
Case=SLU-STR-157   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.72
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.72
Case=SLU-STR-158   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.72
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.72
Case=SLU-STR-159   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.72
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1.35
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1.35
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1.35
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1.35
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.675
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1.35
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1.35
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.35
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.35
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.35
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.72
Case=SLU-STR-160   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.72
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=1
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
```

```
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-001   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-002   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-003   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-004   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-005   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-005   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-005   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-005   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-005   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-005   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-005   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-005   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-005   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-006   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-006   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-006   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-006   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-006   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-006   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-006   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-006   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-006   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-007   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-007   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-007   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-007   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-007   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-007   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-007   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-007   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-007   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-008   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-008   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-008   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-008   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-008   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-008   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
```

```
Case=SLU-GEO-008   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-008   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-008   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.8625
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-009   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.8625
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-010   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.8625
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-011   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.8625
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-012   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
```

```
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-013   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-014   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-015   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-016   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.8625
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-017   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.8625
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
```

```
Case=SLU-GEO-018   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.8625
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-019   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.8625
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-020   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-021   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-022   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-023   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
```

```
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-024   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-025   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-026   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-027   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-028   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-029   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-029   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-029   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-029   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-029   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-029   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-029   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-029   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-029   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-030   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-030   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-030   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-030   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-030   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-030   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-030   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-030   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-030   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-031   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-031   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-031   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-031   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-031   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-031   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-031   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
```

```
Case=SLU-GEO-031   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-031   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-032   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-032   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-032   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-032   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-032   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-032   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-032   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-032   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-032   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.43125
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-033   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.43125
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-034   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.43125
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-035   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.43125
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-036   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
```

```
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.5
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.8625
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=.8625
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-037   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.5
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.8625
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=.8625
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-038   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.5
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.8625
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=.8625
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1
Case=SLU-GEO-039   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.5
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.8625
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=.8625
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1
Case=SLU-GEO-040   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=.5
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=.8625
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=SPA-DX    LoadSF=.43125
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-041   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
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Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.43125
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-042   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.43125
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-043   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.43125
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-044   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-045   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-046   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-047   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=.8625
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-048   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-049   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-050   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-051   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-052   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-053   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-053   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-053   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-053   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-053   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-053   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-053   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-053   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-053   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-054   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-054   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-054   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-054   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-054   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-054   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-054   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-054   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
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Case=SLU-GEO-054   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-055   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-055   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-055   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-055   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-055   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-055   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-055   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-055   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-055   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-056   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-056   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-056   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-056   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-056   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-056   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-056   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-056   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-056   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.8625
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-057   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.8625
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-058   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.8625
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-059   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
```

```
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.8625
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-060   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-061   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-062   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-063   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-064   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
```

```
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.8625
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-065   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.8625
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-066   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.8625
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1
Case=SLU-GEO-067   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.8625
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1
Case=SLU-GEO-068   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-069   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-070   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
```

```
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-071   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-072   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-073   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-074   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-075   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-076   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-077   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-077   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-077   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-077   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-077   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-077   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-077   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-077   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-077   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
```

```
Case=SLU-GEO-078   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-078   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-078   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-078   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-078   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-078   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-078   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-078   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-078   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-079   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-079   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-079   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-079   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-079   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-079   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-079   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-079   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1
Case=SLU-GEO-079   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1
Case=SLU-GEO-080   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-080   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-080   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-080   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-080   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-080   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-080   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-080   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1
Case=SLU-GEO-080   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.8625
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.8625
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.43125
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-081   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.8625
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.8625
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.43125
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-082   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=.8625
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.8625
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.43125
```

```
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-083   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.43125
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-084   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-085   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-086   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-087   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=.8625
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
```

```
Case=SLU-GEO-088   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.43125
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-089   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.43125
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-090   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.43125
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-091   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.43125
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-1
Case=SLU-GEO-092   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-1
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=.8625
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=.8625
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=1
Case=SLU-GEO-093   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
```

```
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.8625
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=1
Case=SLU-GEO-094   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.8625
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1
Case=SLU-GEO-095   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=1
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=.8625
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=.8625
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-1
Case=SLU-GEO-096   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-1
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=1
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.15
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.15
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.15
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.15
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=SPA-DX    LoadSF=1.15
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.6
Case=SLU-GEO-097   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.6
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=1
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.15
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.15
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.15
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=SPA-SX    LoadSF=1.15
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=SPA-DX    LoadSF=1.15
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.6
Case=SLU-GEO-098   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.6
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=SPT-SX    LoadSF=1
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=SPT-DX    LoadSF=1
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.15
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.15
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.15
```

```
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.15
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-099   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.15
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-100   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-101   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-102   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-103   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
```

```
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-104   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.15
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-105   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.15
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-106   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.15
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-107   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=1.15
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-108   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
```

```
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-109   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-110   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-111   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-112   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.575
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-113   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
```

```
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.575
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-114   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.575
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-115   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.575
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-116   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-117   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-118   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
```

```
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-119   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-120   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.575
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-121   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.575
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-122   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.575
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-123   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
```

```
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=SPA-DX   LoadSF=.575
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-124   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-125   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-126   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-127   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=SPT-SX   LoadSF=1
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=.5
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=SPA-SX   LoadSF=1.15
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-128   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
```

```
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.15
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-129   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.15
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-130   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.15
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-131   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.15
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-132   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-133   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
```

```
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-134   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-135   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-136   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.15
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-137   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.15
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-138   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
```

```
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.15
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-139   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=1.15
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-140   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-141   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-142   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-143   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=1
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
```

```
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.15
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.15
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.6
Case=SLU-GEO-144   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.6
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.15
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.15
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.15
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.15
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.575
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.6
Case=SLU-GEO-145   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.6
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.15
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.15
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.15
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.15
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.575
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=.6
Case=SLU-GEO-146   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.6
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.15
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.15
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.15
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.15
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.575
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.6
Case=SLU-GEO-147   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=.6
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=SPTKa-SX    LoadSF=1
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=SPTKa-DX    LoadSF=.5
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=SPW-SX    LoadSF=1
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=SPW-DX    LoadSF=1
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=IDRO    LoadSF=1.3
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=ACCINF    LoadSF=1.15
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=ACCSUP    LoadSF=1.15
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=FREN    LoadSF=1.15
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=SPAKa-SX    LoadSF=1.15
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=SPAKa-DX    LoadSF=.575
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=TEMPUNI    LoadSF=-.6
Case=SLU-GEO-148   LoadType="Load pattern"   LoadName=TEMPVAR    LoadSF=-.6
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=PROPRI    LoadSF=1
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=PERSUP    LoadSF=1
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=PERINF    LoadSF=1
```

```
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-149   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-150   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-151   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1.3
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=ACCINF   LoadSF=1.15
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-152   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.575
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-153   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.575
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-154   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.575
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-155   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=SPAKa-DX   LoadSF=.575
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-156   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-157   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.6
Case=SLU-GEO-158   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
```

```
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-159   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.6
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=SPTKa-DX   LoadSF=.5
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=ACCSUP   LoadSF=1.15
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=FREN   LoadSF=1.15
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=SPAKa-SX   LoadSF=1.15
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.6
Case=SLU-GEO-160   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.6
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=1
Case=SLU-SIS-01   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=.3
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=1
Case=SLU-SIS-02   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=.3
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=1
Case=SLU-SIS-03   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=.3
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
```

```
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=1
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=1
Case=SLU-SIS-04   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=.3
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=1
Case=SLU-SIS-05   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=1
Case=SLU-SIS-06   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=1
Case=SLU-SIS-07   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=1
Case=SLU-SIS-08   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=.3
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=.3
Case=SLU-SIS-09   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=1
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
```

```
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=.3
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=.3
Case=SLU-SIS-10   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=.3
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=.3
Case=SLU-SIS-11   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=.3
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=.3
Case=SLU-SIS-12   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=1
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=.3
Case=SLU-SIS-13   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=.3
Case=SLU-SIS-14   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
```

```
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=.3
Case=SLU-SIS-15   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=SPTKa-SX   LoadSF=1
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=SPT-DX   LoadSF=1
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=G1-SLV-X   LoadSF=.3
Case=SLU-SIS-16   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=1
Case=SLU-SIS-17   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=.3
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=1
Case=SLU-SIS-18   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=.3
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=1
Case=SLU-SIS-19   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=.3
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
```

```
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=1
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=1
Case=SLU-SIS-20   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=.3
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=1
Case=SLU-SIS-21   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=1
Case=SLU-SIS-22   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=1
Case=SLU-SIS-23   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=1
Case=SLU-SIS-24   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=.3
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=.3
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=.3
Case=SLU-SIS-25   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=1
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
```

```
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=.3
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=.3
Case=SLU-SIS-26   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=.3
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=.3
Case=SLU-SIS-27   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=IDRO   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=.3
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=G3-SLV-X   LoadSF=.3
Case=SLU-SIS-28   LoadType="Load pattern"   LoadName=G3-SLV-Z   LoadSF=1
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=.3
Case=SLU-SIS-29   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=.5
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=.3
Case=SLU-SIS-30   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
```

```
   Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
   Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
   Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
   Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=.5
   Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=.3
   Case=SLU-SIS-31   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=PROPRI   LoadSF=1
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=PERSUP   LoadSF=1
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=PERINF   LoadSF=1
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=SPTKad-SX   LoadSF=1
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=SPTd-DX   LoadSF=1
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=SPW-SX   LoadSF=1
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=SPW-DX   LoadSF=1
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=TEMPUNI   LoadSF=-.5
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=-.5
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=G1d-SLV-X   LoadSF=.3
   Case=SLU-SIS-32   LoadType="Load pattern"   LoadName=G1-SLV-Z   LoadSF=1

TABLE:  "CASE - STATIC 2 - NONLINEAR LOAD APPLICATION"
   Case=SLE-QP-01   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-02   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-03   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-04   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-05   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-06   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-07   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-08   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-09   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-15   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-16   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-17   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-18   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-19   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-20   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-21   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-22   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-23   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-24   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-25   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-26   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-27   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-28   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-29   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-30   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-31   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-QP-32   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-01   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-02   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-03   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-04   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-05   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-06   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-07   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-08   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-09   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-15   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
   Case=SLE-FR-16   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

```
Case=SLE-FR-17   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-18   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-19   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-20   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-21   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-22   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-23   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-24   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-25   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-26   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-27   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-28   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-29   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-30   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-31   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-32   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-33   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-34   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-35   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-36   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-37   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-38   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-39   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-40   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-41   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-42   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-43   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-44   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-45   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-46   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-47   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-48   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-49   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-50   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-51   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-52   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-53   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-54   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-55   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-56   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-57   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-58   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-59   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-60   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-61   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-62   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-63   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-64   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-65   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-66   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-67   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-68   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-69   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-70   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-71   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-72   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-73   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-74   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-75   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-76   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-77   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-78   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-79   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-80   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-81   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-82   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-83   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

```
Case=SLE-FR-84   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-85   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-86   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-87   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-88   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-89   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-90   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-91   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-92   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-93   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-94   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-95   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-FR-96   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-001   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-002   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-003   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-004   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-005   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-006   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-007   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-008   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-009   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-010   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-011   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-012   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-013   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-014   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-015   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-016   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-017   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-018   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-019   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-020   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-021   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-022   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-023   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-024   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-025   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-026   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-027   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-028   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-029   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-030   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-031   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-032   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-033   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-034   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-035   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-036   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-037   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-038   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-039   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-040   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-041   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-042   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-043   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-044   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-045   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-046   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-047   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-048   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-049   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-050   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-051   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-052   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-053   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-054   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

```
Case=SLE-CAR-055   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-056   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-057   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-058   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-059   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-060   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-061   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-062   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-063   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-064   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-065   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-066   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-067   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-068   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-069   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-070   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-071   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-072   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-073   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-074   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-075   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-076   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-077   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-078   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-079   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-080   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-081   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-082   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-083   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-084   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-085   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-086   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-087   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-088   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-089   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-090   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-091   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-092   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-093   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-094   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-095   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-096   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-097   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-098   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-099   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-100   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-101   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-102   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-103   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-104   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-105   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-106   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-107   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-108   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-109   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-110   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-111   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-112   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-113   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-114   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-115   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-116   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-117   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-118   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-119   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-120   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-121   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

```
Case=SLE-CAR-122   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-123   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-124   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-125   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-126   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-127   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-128   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-129   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-130   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-131   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-132   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-133   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-134   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-135   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-136   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-137   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-138   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-139   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-140   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-141   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-142   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-143   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-144   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-145   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-146   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-147   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-148   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-149   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-150   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-151   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-152   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-153   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-154   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-155   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-156   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-157   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-158   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-159   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-CAR-160   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-01   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-02   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-03   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-04   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-05   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-06   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-07   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-08   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-09   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-15   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLE-SIS-16   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-01   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-02   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-03   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-04   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-05   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-06   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-07   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-08   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-09   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

```
Case=FESS-QP-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-15   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-16   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-17   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-18   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-19   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-20   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-21   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-22   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-23   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-24   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-25   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-26   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-27   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-28   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-29   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-30   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-31   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-QP-32   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-01   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-02   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-03   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-04   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-05   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-06   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-07   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-08   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-09   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-15   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-16   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-17   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-18   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-19   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-20   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-21   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-22   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-23   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-24   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-25   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-26   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-27   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-28   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-29   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-30   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-31   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-32   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-33   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-34   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-35   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-36   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-37   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-38   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-39   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-40   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-41   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-42   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-43   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-44   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-45   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-46   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-47   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

```
Case=FESS-FR-48   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-49   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-50   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-51   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-52   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-53   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-54   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-55   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-56   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-57   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-58   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-59   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-60   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-61   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-62   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-63   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-64   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-65   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-66   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-67   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-68   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-69   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-70   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-71   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-72   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-73   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-74   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-75   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-76   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-77   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-78   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-79   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-80   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-81   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-82   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-83   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-84   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-85   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-86   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-87   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-88   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-89   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-90   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-91   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-92   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-93   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-94   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-95   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=FESS-FR-96   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-001   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-002   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-003   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-004   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-005   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-006   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-007   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-008   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-009   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-010   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-011   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-012   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-013   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-014   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-015   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-016   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-017   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-018   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

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Case=SLU-STR-019   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-020   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-021   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-022   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-023   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-024   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-025   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-026   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-027   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-028   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-029   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-030   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-031   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-032   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-033   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-034   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-035   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-036   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-037   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-038   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-039   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-040   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-041   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-042   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-043   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-044   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-045   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-046   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-047   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-048   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-049   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-050   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-051   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-052   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-053   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-054   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-055   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-056   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-057   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-058   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-059   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-060   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-061   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-062   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-063   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-064   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-065   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-066   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-067   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-068   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-069   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-070   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-071   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-072   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-073   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-074   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-075   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-076   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-077   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-078   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-079   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-080   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-081   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-082   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-083   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-084   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-085   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

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Case=SLU-STR-086   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-087   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-088   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-089   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-090   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-091   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-092   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-093   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-094   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-095   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-096   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-097   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-098   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-099   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-100   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-101   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-102   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-103   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-104   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-105   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-106   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-107   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-108   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-109   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-110   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-111   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-112   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-113   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-114   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-115   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-116   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-117   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-118   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-119   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-120   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-121   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-122   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-123   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-124   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-125   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-126   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-127   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-128   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-129   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-130   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-131   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-132   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-133   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-134   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-135   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-136   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-137   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-138   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-139   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-140   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-141   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-142   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-143   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-144   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-145   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-146   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-147   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-148   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-149   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-150   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-151   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-152   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

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Case=SLU-STR-153   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-154   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-155   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-156   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-157   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-158   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-159   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-STR-160   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-001   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-002   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-003   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-004   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-005   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-006   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-007   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-008   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-009   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-010   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-011   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-012   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-013   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-014   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-015   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-016   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-017   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-018   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-019   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-020   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-021   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-022   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-023   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-024   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-025   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-026   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-027   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-028   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-029   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-030   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-031   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-032   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-033   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-034   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-035   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-036   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-037   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-038   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-039   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-040   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-041   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-042   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-043   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-044   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-045   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-046   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-047   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-048   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-049   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-050   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-051   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-052   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-053   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-054   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-055   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-056   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-057   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-058   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-059   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

```
Case=SLU-GEO-060   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-061   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-062   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-063   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-064   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-065   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-066   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-067   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-068   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-069   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-070   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-071   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-072   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-073   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-074   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-075   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-076   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-077   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-078   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-079   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-080   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-081   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-082   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-083   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-084   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-085   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-086   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-087   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-088   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-089   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-090   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-091   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-092   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-093   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-094   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-095   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-096   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-097   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-098   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-099   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-100   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-101   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-102   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-103   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-104   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-105   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-106   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-107   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-108   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-109   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-110   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-111   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-112   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-113   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-114   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-115   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-116   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-117   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-118   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-119   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-120   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-121   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-122   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-123   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-124   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-125   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-126   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

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Case=SLU-GEO-127   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-128   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-129   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-130   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-131   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-132   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-133   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-134   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-135   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-136   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-137   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-138   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-139   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-140   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-141   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-142   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-143   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-144   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-145   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-146   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-147   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-148   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-149   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-150   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-151   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-152   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-153   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-154   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-155   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-156   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-157   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-158   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-159   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-GEO-160   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-01   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-02   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-03   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-04   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-05   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-06   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-07   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-08   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-09   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-10   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-11   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-12   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-13   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-14   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-15   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-16   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-17   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-18   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-19   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-20   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-21   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-22   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-23   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-24   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-25   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-26   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-27   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-28   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-29   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-30   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-31   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
Case=SLU-SIS-32   LoadApp="Full Load"   MonitorDOF=U1   MonitorJt=2
```

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TABLE:  "CASE - STATIC 4 - NONLINEAR PARAMETERS"
   Case=SLE-QP-01     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-02     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-03     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-04     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-05     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-06     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-07     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-08     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-09     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-10     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-11     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-12     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-13     Unloading="Unload Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

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   Case=SLE-QP-14     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-15     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-16     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-17     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-18     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-19     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-20     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-21     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-22     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-23     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-24     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-25     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-26     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-27     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-28     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-29     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-30     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-31     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-QP-32     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-01     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-02     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-03     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-04     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-05     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-06     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-07     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-08     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-09    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-10    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-11    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-12    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-13    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-14    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-15    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-16    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-17    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-18    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-19    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-20    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-21    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
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   Case=SLE-FR-22     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-23     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-24     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-25     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-26     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-27     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-28     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-29     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-30     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-31     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-32     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-33     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-34     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20        LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-35     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-36     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-37     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-38     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-39     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-40     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-41     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-42     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-43     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-44     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-45     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-46     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-47     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-48     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1       LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-49    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-50    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-51    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-52    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-53    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-54    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-55    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-56    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-57    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-58    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-59    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-60    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-61    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
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   Case=SLE-FR-62     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-63     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-64     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-65     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-66     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-67     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-68     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-69     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-70     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-71     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-72     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-73     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-74     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20       LSTol=0.1        LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-75     Unloading="Unload  Entire"     GeoNonLin=None      ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-76    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-77    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-78    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-79    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-80    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-81    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-82    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-83    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-84    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-85    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-86    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-87    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-FR-88    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-89    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-90    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-91    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-92    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-93    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-94    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-95    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-FR-96    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-001    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-002    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-003    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-004    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-005    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

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   Case=SLE-CAR-006    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-007    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-008    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-009    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-010    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-011    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-012    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-013    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-014    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-015    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-016    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-017    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-018    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-019    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-020    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-021    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-022    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-023    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-024    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-025    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-026    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-027    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-028    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-029    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-030    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-031    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-032    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-033    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-034    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-035    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-036    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-037    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-038    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-039    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-040    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-041    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-042    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-043    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-044    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-045    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

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   Case=SLE-CAR-046    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-047    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-048    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-049    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-050    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-051    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-052    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-053    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-054    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-055    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-056    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-057    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-058    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-059    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-060    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-061    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-062    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-063    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-064    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-065    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-066    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-067    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-068    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-069    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-070    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-071    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-072    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-073    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-074    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-075    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-076    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-077    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-078    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-079    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-080    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-081    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-082    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-083    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-084    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-085    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
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   Case=SLE-CAR-086    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-087    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-088    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-089    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-090    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-091    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-092    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-093    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-094    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-095    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-096    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-097    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-098    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-CAR-099    Unloading="Unload Entire"    GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
```

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UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-100    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-101    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-102    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-103    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-104    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-105    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-106    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-107    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-108    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-109    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-110    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-111    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-112    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-113    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-114    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-115    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-116    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-117    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-118    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-119    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-120    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-121    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-122    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-123    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-124    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-125    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
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   Case=SLE-CAR-126    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-127    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-128    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-129    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-130    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-131    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-132    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-133    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-134    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-135    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-136    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-137    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-138    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-139    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
```

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UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-140    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-141    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-142    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-143    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-144    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-145    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-146    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-147    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-148    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-149    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-150    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-151    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-152    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-153    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-154    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-155    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-156    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-157    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-158    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-159    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-CAR-160    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-SIS-01    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-SIS-02    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-SIS-03    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-SIS-04    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLE-SIS-05    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

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   Case=SLE-SIS-06    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-07    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-08    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-09    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-10    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-11    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-12    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-13    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-14    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-15    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLE-SIS-16    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-QP-01    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-QP-02    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-QP-03    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-04    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-05    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-06    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-07    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-08    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-09    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-10    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-11    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-12    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-13    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-14    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-15    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-16    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
```

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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-17    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-18    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-19    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-20    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-21    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-22    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-23    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-24    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-25    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-26    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-27    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-28    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-QP-29    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

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   Case=FESS-QP-30     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-QP-31     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-QP-32     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-01     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-02     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-03     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-04     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-05     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-06     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-07     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-08     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-09     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-10     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes        EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes     FrameHinge=Yes     CableTC=Yes     LinkTC=Yes     LinkOther=Yes     TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-11     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-12    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-13    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-14    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-15    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-16    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-17    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-18    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-19    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-20    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-21    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-22    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-23    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-24    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-25   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-26   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-27   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-28   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-29   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-30   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-31   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-32   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-33   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-34   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-35   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-36   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-37   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
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   Case=FESS-FR-38    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-39    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-40    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-41    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-42    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-43    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-44    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-45    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-46    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-47    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-48    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-49    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-50    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=FESS-FR-51    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-52    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-53    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-54    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-55    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-56    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-57    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-58    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-59    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-60    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-61    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-62    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-63    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-64    Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"    MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-65    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-66    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-67    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-68    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-69    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-70    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-71    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-72    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-73    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-74    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-75    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-76    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-77    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

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   Case=FESS-FR-78    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-79    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-80    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-81    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-82    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-83    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-84    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-85    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-86    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-87    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-88    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-89    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-90    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-91    Unloading="Unload  Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-92    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-93    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-94    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-95    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=FESS-FR-96    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-001    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-002    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-003    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-004    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-005    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-006    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-007    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-008    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-009    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-010    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-011    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-012    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-013    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-014    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-015    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-016    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-017    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-018    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-019    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-020    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-021    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes     EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
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   Case=SLU-STR-022    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-023    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-024    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-025    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-026    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-027    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-028    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-029    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-030    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-031    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-032    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-033    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-034    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-035    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-036    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-037    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-038    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-039    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-040    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-041    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-042    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-043    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-044    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-045    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-046    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-047    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-048    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-049    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-050    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-051    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-052    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-053    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-054    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-055    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-056    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-057    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-058    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-059    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-060    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-061    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
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   Case=SLU-STR-062    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-063    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-064    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-065    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-066    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-067    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-068    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-069    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-070    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-071    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-072    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-073    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-074    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-075    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-076    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-077    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-078    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-079    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-080    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-081    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-082    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-083    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-084    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-085    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-086    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-087    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-088    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
```

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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-089    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-090    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-091    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-092    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-093    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-094    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-095    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-096    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-097    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-098    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-099    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-100    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-STR-101    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
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   Case=SLU-STR-102    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-103    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-104    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-105    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-106    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-107    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-108    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-109    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-110    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-111    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-112    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-113    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-114    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-115    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-116    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-117    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-118    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-119    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-120    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-121    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-122    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-123    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-124    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-125    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-126    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-127    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-128    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
```

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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-129    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-130    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-131    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-132    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-133    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-134    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-135    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-136    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-137    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-138    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-139    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-140    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-141    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

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   Case=SLU-STR-142    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-143    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-144    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-145    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-146    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-147    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-148    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-149    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-150    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-151    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-152    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-153    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-154    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01     LSPerIter=20     LSTol=0.1     LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-155    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-156    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-157    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-158    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-159    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-STR-160    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-001    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-002    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-003    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-004    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-005    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-006    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-007    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-008    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-009    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-010    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-011    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-012    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-013    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-014    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-015    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-016    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-017    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-018    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-019    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-020    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-021    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01     LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

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   Case=SLU-GEO-022    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-023    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-024    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-025    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-026    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-027    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-028    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-029    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-030    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-031    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-032    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-033    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-034    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-035    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-036    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-037    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-038    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-039    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-040    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-041    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-042    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-043    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-044    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-045    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-046    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-047    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-048    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-049    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-050    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-051    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-052    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-053    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-054    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-055    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-056    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-057    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-058    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-059    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-060    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-061    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
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   Case=SLU-GEO-062    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-063    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-064    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-065    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-066    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-067    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-068    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-069    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-070    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-071    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-072    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-073    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-074    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-075    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-076    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-077    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-078    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-079    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-080    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-081    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-082    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-083    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-084    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-085    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-086    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-087    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-088    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"   MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-089    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-090    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-091    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-092    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-093    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-094    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-095    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-096    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-097    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-098    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-099    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-100    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-101    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
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   Case=SLU-GEO-102    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-103    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-104    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-105    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-106    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-107    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-108    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-109    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-110    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-111    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-112    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-113    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-114    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-115    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-116    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-117    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-118    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-119    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-120    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-121    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-122    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-123    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-124    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-125    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-126    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-127    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-128    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-129    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-130    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-131    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-132    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-133    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-134    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-135    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-136    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-137    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-138    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-139    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-140    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-141    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
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   Case=SLU-GEO-142    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-143    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-144    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-145    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-146    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-147    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-148    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-149    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-150    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-151    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-152    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-153    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-154    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01      LSPerIter=20      LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01    TFAccelFact=1    TFNoStop=No
   Case=SLU-GEO-155    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
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UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-156    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-157    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-158    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-159    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-GEO-160    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-01    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-02    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-03    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-04    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-05    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-06    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-07    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-08    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
```

```
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-09    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-10    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-11    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-12    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-13    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-14    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-15    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-16    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-17    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-18    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-19    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-20    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-21    Unloading="Unload Entire"    GeoNonLin=None    ResultsSave="Final
State"    MaxTotal=200    MaxNull=50    MaxIterCS=10    MaxIterNR=40    ItConvTol=0.0001
UseEvStep=Yes    EvLumpTol=0.01    LSPerIter=20    LSTol=0.1    LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
```

```
   Case=SLU-SIS-22     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-23     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-24     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-25     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-26     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-27     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-28     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-29     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-30     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-31     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
   Case=SLU-SIS-32     Unloading="Unload  Entire"     GeoNonLin=None     ResultsSave="Final
State"     MaxTotal=200     MaxNull=50     MaxIterCS=10     MaxIterNR=40     ItConvTol=0.0001
UseEvStep=Yes       EvLumpTol=0.01       LSPerIter=20       LSTol=0.1       LSStepFact=1.618
FrameTC=Yes    FrameHinge=Yes    CableTC=Yes    LinkTC=Yes    LinkOther=Yes    TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No

TABLE:  "JOINT COORDINATES"
   Joint=1    CoordSys=GLOBAL    CoordType=Cartesian    XorR=0    Y=0    Z=0    SpecialJt=No
GlobalX=0    GlobalY=0    GlobalZ=0
   Joint=2    CoordSys=GLOBAL    CoordType=Cartesian    XorR=0    Y=0    Z=3.7    SpecialJt=No
GlobalX=0    GlobalY=0    GlobalZ=3.7
   Joint=3       CoordSys=GLOBAL       CoordType=Cartesian       XorR=4.6       Y=0       Z=3.7
SpecialJt=No    GlobalX=4.6    GlobalY=0    GlobalZ=3.7
   Joint=4    CoordSys=GLOBAL    CoordType=Cartesian    XorR=4.6    Y=0    Z=0    SpecialJt=No
GlobalX=4.6    GlobalY=0    GlobalZ=0
   Joint=5    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.209    Y=0    Z=0    SpecialJt=No
GlobalX=.209    GlobalY=0    GlobalZ=0
```

```
   Joint=6   CoordSys=GLOBAL   CoordType=Cartesian   XorR=.627   Y=0   Z=0   SpecialJt=No
GlobalX=.627   GlobalY=0   GlobalZ=0
   Joint=7   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.045   Y=0   Z=0
SpecialJt=No   GlobalX=1.045   GlobalY=0   GlobalZ=0
   Joint=8   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.463   Y=0   Z=0
SpecialJt=No   GlobalX=1.463   GlobalY=0   GlobalZ=0
   Joint=9   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.881   Y=0   Z=0
SpecialJt=No   GlobalX=1.881   GlobalY=0   GlobalZ=0
   Joint=10   CoordSys=GLOBAL   CoordType=Cartesian   XorR=2.299   Y=0   Z=0
SpecialJt=No   GlobalX=2.299   GlobalY=0   GlobalZ=0
   Joint=11   CoordSys=GLOBAL   CoordType=Cartesian   XorR=2.717   Y=0   Z=0
SpecialJt=No   GlobalX=2.717   GlobalY=0   GlobalZ=0
   Joint=12   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.135   Y=0   Z=0
SpecialJt=No   GlobalX=3.135   GlobalY=0   GlobalZ=0
   Joint=13   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.553   Y=0   Z=0
SpecialJt=No   GlobalX=3.553   GlobalY=0   GlobalZ=0
   Joint=14   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.971   Y=0   Z=0
SpecialJt=No   GlobalX=3.971   GlobalY=0   GlobalZ=0
   Joint=15   CoordSys=GLOBAL   CoordType=Cartesian   XorR=4.389   Y=0   Z=0
SpecialJt=No   GlobalX=4.389   GlobalY=0   GlobalZ=0
   Joint=16   CoordSys=GLOBAL   CoordType=Cartesian   XorR=.209   Y=0   Z=-0.2
SpecialJt=No   GlobalX=.209   GlobalY=0   GlobalZ=-0.2
   Joint=17   CoordSys=GLOBAL   CoordType=Cartesian   XorR=.627   Y=0   Z=-0.2
SpecialJt=No   GlobalX=.627   GlobalY=0   GlobalZ=-0.2
   Joint=18   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.045   Y=0   Z=-0.2
SpecialJt=No   GlobalX=1.045   GlobalY=0   GlobalZ=-0.2
   Joint=19   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.463   Y=0   Z=-0.2
SpecialJt=No   GlobalX=1.463   GlobalY=0   GlobalZ=-0.2
   Joint=20   CoordSys=GLOBAL   CoordType=Cartesian   XorR=1.881   Y=0   Z=-0.2
SpecialJt=No   GlobalX=1.881   GlobalY=0   GlobalZ=-0.2
   Joint=21   CoordSys=GLOBAL   CoordType=Cartesian   XorR=2.299   Y=0   Z=-0.2
SpecialJt=No   GlobalX=2.299   GlobalY=0   GlobalZ=-0.2
   Joint=22   CoordSys=GLOBAL   CoordType=Cartesian   XorR=2.717   Y=0   Z=-0.2
SpecialJt=No   GlobalX=2.717   GlobalY=0   GlobalZ=-0.2
   Joint=23   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.135   Y=0   Z=-0.2
SpecialJt=No   GlobalX=3.135   GlobalY=0   GlobalZ=-0.2
   Joint=24   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.553   Y=0   Z=-0.2
SpecialJt=No   GlobalX=3.553   GlobalY=0   GlobalZ=-0.2
   Joint=25   CoordSys=GLOBAL   CoordType=Cartesian   XorR=3.971   Y=0   Z=-0.2
SpecialJt=No   GlobalX=3.971   GlobalY=0   GlobalZ=-0.2
   Joint=26   CoordSys=GLOBAL   CoordType=Cartesian   XorR=4.389   Y=0   Z=-0.2
SpecialJt=No   GlobalX=4.389   GlobalY=0   GlobalZ=-0.2

TABLE:  "CONNECTIVITY - FRAME"
   Frame=1   JointI=1   JointJ=2   IsCurved=No   Lenght=3.7   CentroidX=0   CentroidY=0
CentroidZ=1.85
   Frame=2   JointI=2   JointJ=3   IsCurved=No   Lenght=4.6   CentroidX=2.3   CentroidY=0
CentroidZ=3.7
   Frame=3   JointI=4   JointJ=3   IsCurved=No   Lenght=3.7   CentroidX=4.6   CentroidY=0
CentroidZ=1.85
   Frame=4   JointI=1   JointJ=5   IsCurved=No   Lenght=.209   CentroidX=.1045
CentroidY=0   CentroidZ=0
   Frame=5   JointI=5   JointJ=6   IsCurved=No   Lenght=.418   CentroidX=.418
CentroidY=0   CentroidZ=0
   Frame=6   JointI=6   JointJ=7   IsCurved=No   Lenght=.418   CentroidX=.836
CentroidY=0   CentroidZ=0
   Frame=7   JointI=7   JointJ=8   IsCurved=No   Lenght=.418   CentroidX=1.254
CentroidY=0   CentroidZ=0
   Frame=8   JointI=8   JointJ=9   IsCurved=No   Lenght=.418   CentroidX=1.672
CentroidY=0   CentroidZ=0
   Frame=9   JointI=9   JointJ=10   IsCurved=No   Lenght=.418   CentroidX=2.09
CentroidY=0   CentroidZ=0
   Frame=10   JointI=10   JointJ=11   IsCurved=No   Lenght=.418   CentroidX=2.508
CentroidY=0   CentroidZ=0
   Frame=11   JointI=11   JointJ=12   IsCurved=No   Lenght=.418   CentroidX=2.926
CentroidY=0   CentroidZ=0
```

```
   Frame=12     JointI=12     JointJ=13     IsCurved=No     Lenght=.418     CentroidX=3.344
CentroidY=0   CentroidZ=0
   Frame=13     JointI=13     JointJ=14     IsCurved=No     Lenght=.418     CentroidX=3.762
CentroidY=0   CentroidZ=0
   Frame=14     JointI=14     JointJ=15     IsCurved=No     Lenght=.418     CentroidX=4.18
CentroidY=0   CentroidZ=0
   Frame=15     JointI=15     JointJ=4     IsCurved=No     Lenght=.209     CentroidX=4.4955
CentroidY=0   CentroidZ=0

TABLE:  "CONNECTIVITY - LINK"
   Link=5   JointI=16   JointJ=5
   Link=6   JointI=17   JointJ=6
   Link=7   JointI=18   JointJ=7
   Link=8   JointI=19   JointJ=8
   Link=9   JointI=20   JointJ=9
   Link=10   JointI=21   JointJ=10
   Link=11   JointI=22   JointJ=11
   Link=12   JointI=23   JointJ=12
   Link=13   JointI=24   JointJ=13
   Link=14   JointI=25   JointJ=14
   Link=15   JointI=26   JointJ=15

TABLE:  "JOINT RESTRAINT ASSIGNMENTS"
   Joint=16   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=17   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=18   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=19   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=20   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=21   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=22   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=23   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=24   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=25   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No
   Joint=26   U1=No   U2=No   U3=Yes   R1=No   R2=No   R3=No

TABLE:  "JOINT SPRING ASSIGNMENTS 1 - UNCOUPLED"
   Joint=5   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=6   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=7   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=8   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=9   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=10   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=11   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=12   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=13   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=14   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=15   CoordSys=Local   U1=8360   U2=0   U3=0   R1=0   R2=0   R3=0

TABLE:  "FRAME SECTION ASSIGNMENTS"
   Frame=1          SectionType=Rectangular          AutoSelect=N.A.          AnalSect=RITTI
DesignSect=RITTI    MatProp=Default
   Frame=2          SectionType=Rectangular          AutoSelect=N.A.          AnalSect=SOLETTA
DesignSect=SOLETTA    MatProp=Default
   Frame=3          SectionType=Rectangular          AutoSelect=N.A.          AnalSect=RITTI
DesignSect=RITTI    MatProp=Default
   Frame=4          SectionType=Rectangular          AutoSelect=N.A.          AnalSect=FONDAZIONE
DesignSect=FONDAZIONE    MatProp=Default
   Frame=5          SectionType=Rectangular          AutoSelect=N.A.          AnalSect=FONDAZIONE
DesignSect=FONDAZIONE    MatProp=Default
   Frame=6          SectionType=Rectangular          AutoSelect=N.A.          AnalSect=FONDAZIONE
DesignSect=FONDAZIONE    MatProp=Default
   Frame=7          SectionType=Rectangular          AutoSelect=N.A.          AnalSect=FONDAZIONE
DesignSect=FONDAZIONE    MatProp=Default
   Frame=8          SectionType=Rectangular          AutoSelect=N.A.          AnalSect=FONDAZIONE
DesignSect=FONDAZIONE    MatProp=Default
   Frame=9          SectionType=Rectangular          AutoSelect=N.A.          AnalSect=FONDAZIONE
DesignSect=FONDAZIONE    MatProp=Default
```

```
   Frame=10        SectionType=Rectangular        AutoSelect=N.A.        AnalSect=FONDAZIONE
DesignSect=FONDAZIONE   MatProp=Default
   Frame=11        SectionType=Rectangular        AutoSelect=N.A.        AnalSect=FONDAZIONE
DesignSect=FONDAZIONE   MatProp=Default
   Frame=12        SectionType=Rectangular        AutoSelect=N.A.        AnalSect=FONDAZIONE
DesignSect=FONDAZIONE   MatProp=Default
   Frame=13        SectionType=Rectangular        AutoSelect=N.A.        AnalSect=FONDAZIONE
DesignSect=FONDAZIONE   MatProp=Default
   Frame=14        SectionType=Rectangular        AutoSelect=N.A.        AnalSect=FONDAZIONE
DesignSect=FONDAZIONE   MatProp=Default
   Frame=15        SectionType=Rectangular        AutoSelect=N.A.        AnalSect=FONDAZIONE
DesignSect=FONDAZIONE   MatProp=Default

TABLE:  "FRAME LOCAL AXES ASSIGNMENTS 1 - TYPICAL"
   Frame=1   Angle=180   MirrorAbt2=No   MirrorAbt3=No   AdvancedAxes=No

TABLE:  "FRAME OUTPUT STATION ASSIGNMENTS"
   Frame=1   StationType=MinNumSta   MinNumSta=10   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=2   StationType=MinNumSta   MinNumSta=12   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=3   StationType=MinNumSta   MinNumSta=10   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=4   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=5   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=6   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=7   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=8   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=9   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=10   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=11   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=12   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=13   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=14   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=15   StationType=MinNumSta   MinNumSta=2   AddAtElmInt=Yes   AddAtPtLoad=Yes

TABLE:  "FRAME LOADS - GRAVITY"
   Frame=1    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=2    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=3    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=4    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=5    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=6    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=7    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=8    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=9    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=10    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=11    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=12    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=13    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=14    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=15    LoadPat=G1-SLD-X    CoordSys=GLOBAL    MultiplierX=.1575    MultiplierY=0
MultiplierZ=0
   Frame=1    LoadPat=G1-SLD-Z    CoordSys=GLOBAL    MultiplierX=0    MultiplierY=0
MultiplierZ=.0525
```

```
   Frame=2      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.0525
   Frame=3      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.0525
   Frame=4      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.0525
   Frame=5      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.0525
   Frame=6      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.0525
   Frame=7      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.0525
   Frame=8      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.0525
   Frame=9      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.0525
   Frame=10      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=.0525
   Frame=11      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=.0525
   Frame=12      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=.0525
   Frame=13      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=.0525
   Frame=14      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=.0525
   Frame=15      LoadPat=G1-SLD-Z      CoordSys=GLOBAL     MultiplierX=0     MultiplierY=0
MultiplierZ=.0525
   Frame=1     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485     MultiplierY=0
MultiplierZ=0
   Frame=2     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485     MultiplierY=0
MultiplierZ=0
   Frame=3     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485     MultiplierY=0
MultiplierZ=0
   Frame=4     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485     MultiplierY=0
MultiplierZ=0
   Frame=5     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485     MultiplierY=0
MultiplierZ=0
   Frame=6     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485     MultiplierY=0
MultiplierZ=0
   Frame=7     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485     MultiplierY=0
MultiplierZ=0
   Frame=8     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485     MultiplierY=0
MultiplierZ=0
   Frame=9     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485     MultiplierY=0
MultiplierZ=0
   Frame=10     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485    MultiplierY=0
MultiplierZ=0
   Frame=11     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485    MultiplierY=0
MultiplierZ=0
   Frame=12     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485    MultiplierY=0
MultiplierZ=0
   Frame=13     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485    MultiplierY=0
MultiplierZ=0
   Frame=14     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485    MultiplierY=0
MultiplierZ=0
   Frame=15     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.4485    MultiplierY=0
MultiplierZ=0
   Frame=1      LoadPat=G1-SLV-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=2      LoadPat=G1-SLV-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=3      LoadPat=G1-SLV-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=4      LoadPat=G1-SLV-Z      CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
```

```
   Frame=5      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=6      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=7      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=8      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=9      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=10      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=11      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=12      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=13      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=14      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495
   Frame=15      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1495

TABLE:  "FRAME LOADS - DISTRIBUTED"
   Frame=1     LoadPat=SPT-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=77.2520434595427    FOverLB=48.8109926336414
   Frame=1     LoadPat=SPTd-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=94.4667197593009    FOverLB=59.6879274101055
   Frame=1     LoadPat=SPTKa-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=47.8144986677803    FOverLB=30.2111508995428
   Frame=1     LoadPat=SPTKad-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=61.7422955224818    FOverLB=39.0113011510208
   Frame=1     LoadPat=SPA-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=6.57809377550363    FOverLB=7.29442571192498
   Frame=1     LoadPat=SPAd-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=8.04394179639194    FOverLB=8.91989957384533
   Frame=1     LoadPat=SPAKa-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=4.07145548492931    FOverLB=4.51482307607458
   Frame=1     LoadPat=SPAKad-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=5.25742222048073    FOverLB=5.82993753697047
   Frame=1     LoadPat=IDRO     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=.108108108108108    RelDistB=.918918918918919    FOverLA=-30    FOverLB=0
   Frame=1     LoadPat=G1-SLD-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=20.0840741342738    FOverLB=12.6899373883222
   Frame=1     LoadPat=G1-SLV-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=70.7109769389043    FOverLB=44.6780799564221
   Frame=1     LoadPat=G1d-SLV-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=84.7008514197326    FOverLB=53.5174533846072
   Frame=2     LoadPat=PERSUP     CoordSys=GLOBAL     Type=Force     Dir=Z     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-121    FOverLB=-121
   Frame=2     LoadPat=ACCSUP     CoordSys=GLOBAL     Type=Force     Dir=Z     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-19.1685206481483    FOverLB=-19.1685206481483
   Frame=2     LoadPat=FREN     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=12.5246901093915    FOverLB=12.5246901093915
   Frame=2     LoadPat=G1-SLD-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=19.0575    FOverLB=19.0575
   Frame=2     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     Type=Force     Dir=Z     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-6.3525    FOverLB=-6.3525
   Frame=2     LoadPat=G1-SLV-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=54.2685    FOverLB=54.2685
   Frame=2     LoadPat=G1-SLV-Z     CoordSys=GLOBAL     Type=Force     Dir=Z     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-18.0895    FOverLB=-18.0895
   Frame=3     LoadPat=SPT-DX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-77.2520434595427    FOverLB=-48.8109926336414
   Frame=3     LoadPat=SPTd-DX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-94.4667197593009    FOverLB=-59.6879274101055
```

```
   Frame=3    LoadPat=SPTKa-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-47.8144986677803    FOverLB=-30.2111508995428
   Frame=3    LoadPat=SPTKad-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-61.7422955224818    FOverLB=-39.0113011510208
   Frame=3    LoadPat=SPA-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-3.45904672206908    FOverLB=-3.45904672206908
   Frame=3    LoadPat=SPAd-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-4.22985312355079    FOverLB=-4.22985312355079
   Frame=3    LoadPat=SPAKa-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-2.1409477015424    FOverLB=-2.1409477015424
   Frame=3    LoadPat=SPAKad-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-2.76458039652904    FOverLB=-2.76458039652904
   Frame=3    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=.108108108108108    RelDistB=.918918918918919    FOverLA=30    FOverLB=0
   Frame=3    LoadPat=G3-SLD-X    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=.108108108108108    RelDistB=.918918918918919    FOverLA=4.134375    FOverLB=0
   Frame=3    LoadPat=G3-SLV-X    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=.108108108108108    RelDistB=.918918918918919    FOverLA=4.134375    FOverLB=0
   Frame=5    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=.217703349282297    RelDistB=1    FOverLA=-30    FOverLB=-30
   Frame=6    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-30    FOverLB=-30
   Frame=7    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-30    FOverLB=-30
   Frame=8    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-30    FOverLB=-30
   Frame=9    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-30    FOverLB=-30
   Frame=10    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-30    FOverLB=-30
   Frame=11    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-30    FOverLB=-30
   Frame=12    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-30    FOverLB=-30
   Frame=13    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-30    FOverLB=-30
   Frame=14    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=.782296650717703    FOverLA=-30    FOverLB=-30
   Frame=5    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=.217703349282297    RelDistB=1    FOverLA=-1.575    FOverLB=-1.575
   Frame=6    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-1.575    FOverLB=-1.575
   Frame=7    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-1.575    FOverLB=-1.575
   Frame=8    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-1.575    FOverLB=-1.575
   Frame=9    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-1.575    FOverLB=-1.575
   Frame=10    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-1.575    FOverLB=-1.575
   Frame=11    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-1.575    FOverLB=-1.575
   Frame=12    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-1.575    FOverLB=-1.575
   Frame=13    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-1.575    FOverLB=-1.575
   Frame=14    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=.782296650717703    FOverLA=-1.575    FOverLB=-1.575
   Frame=5    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=.217703349282297    RelDistB=1    FOverLA=-4.485    FOverLB=-4.485
   Frame=6    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-4.485    FOverLB=-4.485
   Frame=7    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-4.485    FOverLB=-4.485
   Frame=8    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-4.485    FOverLB=-4.485
```

```
   Frame=9    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-4.485    FOverLB=-4.485
   Frame=10    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-4.485    FOverLB=-4.485
   Frame=11    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-4.485    FOverLB=-4.485
   Frame=12    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-4.485    FOverLB=-4.485
   Frame=13    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-4.485    FOverLB=-4.485
   Frame=14    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=.782296650717703    FOverLA=-4.485    FOverLB=-4.485

TABLE:  "FRAME LOADS - TEMPERATURE"
   Frame=2    LoadPat=TEMPUNI    Type=Temperature    Temp=10    JtPattern=None
   Frame=2         LoadPat=TEMPVAR         Type=Gradient2         TempGrad2=8.33333333333333
JtPattern=None

TABLE:  "LINK PROPERTY ASSIGNMENTS"
   Link=5     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=6     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=7     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=8     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=9     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=10     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=11     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=12     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=13     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=14     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None
   Link=15     LinkType="MultiLinear  Elastic"     LinkJoints=TwoJoint     LinkProp=TERR_NL
LinkFDProp=None

END TABLE DATA
```

12 TABULATI INPUT PARATIE

```
**
* PARATIE ANALYSIS FOR DESIGN SECTION:Base model
*1: Define General Calculation Settings
delta 0.2
unit m kN
option param itemax 40

*2. ADD GENERAL WALLS & DIMESIONS
wall Leftwall 0 -15 0

*3.1 DEFINE SURFACE FOR LEFT WALL
soil 0_L Leftwall -15 0 1 0
soil 0_R Leftwall -15 0 2 180

*4: DEFINE SOIL LAYER ELEVATIONS & STRENGTHS
* BORING Boring 1
    *DATA FOR LAYER: 1, SOIL TYPE= 8, Strato A
        Ldata L1 0
            weight 20 10 10
            Resistance 0 38 0.238 4.204
            atrest 0.384338524674342 1  1
            Young 50000 150000
            permeabil 0.0001
        Endl

    *DATA FOR LAYER: 2, SOIL TYPE= 9, Strato B
        Ldata L2 -2.5
            weight 21 11 10
            Resistance 0 38 0.238 4.204
            atrest 0.384338524674342 1  1
            Young 41000 123000
            permeabil 0.0001
        Endl


*5.1: DEFINE STRUCTURAL MATERIALS
*START GENERAL MATERIALS
    * GENERAL CONCRETE MATERIALS - CONVERTED TO CONSISTENT UNITS WITH FORCE/LENGTH^2
    *Concrete material: 0 Name= C25/30, E= 28960MPa
        material CONC_0_C 28960000

    * GENERAL STEEL MEMBER MATERIALS - CONVERTED TO CONSISTENT UNITS WITH FORCE/LENGTH^2
    *Steel material: 0 Name= S355, E= 210000MPa
        material STEEL_0_ 210000000

* GENERAL REBAR MATERIALS - CONVERTED TO CONSISTENT UNITS WITH FORCE/LENGTH^2, USED FOR ANCHORS
    *Rebar material: 0 Name= Grade 60, E= 200100MPa
        material REB_0_Gr 200100000

    *Rebar material: 1 Name= Grade 75, E= 200100MPa
        material REB_1_Gr 200100000

    *Rebar material: 2 Name= Grade 80, E= 200100MPa
```

```
        material REB_2_Gr 200100000

    *Rebar material: 3 Name= Grade 150, E= 200100MPa
        material REB_3_Gr 200100000

    *Rebar material: 4 Name= Strands 270 ksi, E= 200100MPa
        material REB_4_St 200100000

    * USER DEFINED MATERIALS - CONVERTED TO CONSISTENT UNITS WITH FORCE/LENGTH^2, USED FOR ANCHORS
    *User material: 0 Name= User mat 0, E= 1MPa
        material USER_0_U 1000

* END GENERAL MATERIALS

* 5.2 Define a very stiff material for rigid supports
   mate stiffMAT 100000000000

* 6.1 LEFT WALL STRUCTURAL PROPERTIES
   *Calculate equivalent Secant Pile Ixx, * with Steel Pipe, use pipe Ixx and concrete effective at: 25%
   * Ewall= 210000 MPa, Stiffness Ixx= 557.491 cm4
   * Iequivalent= Ewall x Ixx x ConvEI / (Estandard x ConvEL x Wall Spacing) =>
   * Iequivalent= 210000 MPa x 557.491 cm4 x 1E-08/ (210000 x 1 x 0.3)= 2E-05     (m^4/m)
   *Now calculate Equivalent Wall Thickness from Ixx/Length
   * Wall thick= (12 x Ixx/L)^(1/3) = (12 x 2E-05)^(1/3) = 0.06064 (m)
   BEAM Leftwall_BEAM Leftwall -15 0 STEEL_0_ 0.060641 00 00

* GENERATE BEAMS FROM ADDITIONAL WALL ELEMENTS
*7.1: GENERATE SUPPORTS FOR LEFT WALL
   WIRE SPL_0 Leftwall -1.5 stiffMAT 100000 0 0  0 0
   WIRE SPL_1 Leftwall -3.5 stiffMAT 100000 0 0  0 0

*8.1: ADD WALL LOADS & PRESCRIBED CONDITIONS FOR LEFT WALL
   *
* END OF NODE ADDITION

* Simplified paratie surcharge modeling assumed by user.
* 9.A 1st wall compute external wall surcharges. Stage 0
*     Elasticity load factor that accounts for possible rigidity effects mElastic= 1
* 9.A 1st wall compute external wall surcharges. Stage 1
*     Elasticity load factor that accounts for possible rigidity effects mElastic= 1
* 9.A 1st wall compute external wall surcharges. Stage 2
*     Elasticity load factor that accounts for possible rigidity effects mElastic= 1
* 9.A 1st wall compute external wall surcharges. Stage 3
*     Elasticity load factor that accounts for possible rigidity effects mElastic= 1
* 9.A 1st wall compute external wall surcharges. Stage 4
*     Elasticity load factor that accounts for possible rigidity effects mElastic= 1
* 9.A 1st wall compute external wall surcharges. Stage 5
*     Elasticity load factor that accounts for possible rigidity effects mElastic= 1
* 9.1.1: STRIP SURCHARGE LOADS FOR LEFT WALL
* WARNING: STRIP LOADS MAY BE APPROXIMATE, HORIZONTAL COMPONENTS, FOOTINGS, SURFACE LINE LOADS AND BUILDING LOADS ARE IGNORED
    * Stage: 0, examine surcharge load 0 1st point at Elev. 0, x= -5, qx = 0, qz= 10
*                              2nd point at Elev. 0, x= 0, qx = 0, qz= 10
* Auto Procedure: Excavation on the right, load is on left side. Load is treated as unfavorable variable load LF=1
***** END determination of load factors for strip surcharge load 0

* Stage: 1, examine surcharge load 0 1st point at Elev. 0, x= -5, qx = 0, qz= 10
```

```
*                    2nd point at Elev. 0, x= 0, qx = 0, qz= 10
* Auto Procedure: Excavation on the right, load is on left side. Load is treated as unfavorable variable load LF=1
***** END determination of load factors for strip surcharge load 0

* Stage: 2, examine surcharge load 0 1st point at Elev. 0, x= -5, qx = 0, qz= 10
*                    2nd point at Elev. 0, x= 0, qx = 0, qz= 10
* Auto Procedure: Excavation on the right, load is on left side. Load is treated as unfavorable variable load LF=1
***** END determination of load factors for strip surcharge load 0

* Stage: 3, examine surcharge load 0 1st point at Elev. 0, x= -5, qx = 0, qz= 10
*                    2nd point at Elev. 0, x= 0, qx = 0, qz= 10
* Auto Procedure: Excavation on the right, load is on left side. Load is treated as unfavorable variable load LF=1
***** END determination of load factors for strip surcharge load 0

* Stage: 4, examine surcharge load 0 1st point at Elev. 0, x= -5, qx = 0, qz= 10
*                    2nd point at Elev. 0, x= 0, qx = 0, qz= 10
* Auto Procedure: Excavation on the right, load is on left side. Load is treated as unfavorable variable load LF=1
***** END determination of load factors for strip surcharge load 0

* Stage: 5, examine surcharge load 0 1st point at Elev. 0, x= -5, qx = 0, qz= 10
*                    2nd point at Elev. 0, x= 0, qx = 0, qz= 10
* Auto Procedure: Excavation on the right, load is on left side. Load is treated as unfavorable variable load LF=1
***** END determination of load factors for strip surcharge load 0

* Strip surcharge not active on stage 0
STRIP Leftwall 2 2 0 5 0 10 45
STRIP Leftwall 3 3 0 5 0 10 45
STRIP Leftwall 4 4 0 5 0 10 45
STRIP Leftwall 5 5 0 5 0 10 45
STRIP Leftwall 6 6 0 5 0 10 45

*****************************************************************
* 10: GENERATE ALL STEP/STAGES
*****************************************************************
*START DATA FOR STAGE: 0 Name: 0_Geostatica
step 0 : 0_Geostatica


* DATA FOR LEFT WALL
setwall Leftwall
*10.a: DESCRIBE Kp, Ka Changes for this stage due to Defined Wall Friction, Slope or Strength Code Changes
* LAYER 1 Stage 0
* KaUH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaUH = 0.238 x 0.238/0.238 = 0.238
* KpDH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpDH = 4.204 x 4.204 /4.204 = 4.204
* KaDH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaDH = 0.238 x 0.238/0.238 = 0.238
* KpUH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpUH = 4.204 x 4.204 /4.204 = 4.204
* END LAYER 1 Stage : 0
* LAYER 2 Stage 0
* KaUH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaUH = 0.238 x 0.238/0.238 = 0.238
* KpDH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpDH = 4.204 x 4.204 /4.204 = 4.204
* KaDH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaDH = 0.238 x 0.238/0.238 = 0.238
```

```
* KpUH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpUH = 4.204 x 4.204 /4.204 = 4.204
* END LAYER 2 Stage : 0
* If Section 10.b is not specified then parameters are same as in previous stage.
*END 10.a


   *10.1 Generate left wall water elevations for stage 0
   geom 0 0
   water -20 0 -2520 0 0

   *11: ADD LEFT WALL SUPPORTS

   *13.1: ADD LEFT WALL SURCHARGES NOT FROM LOADS DIRECTLY LOADING THE WALL
   *13.2.1: ADD LEFT WALL SURCHARGES CALCULATED FROM PARATIE ENGINE
         *13.2.1B: ADD LEFT WALL SURCHARGES CALCULATED OUTSIDE FROM PARATIE ENGINE, FOR LOADS
NOT CONFORMING TO SIMPLIFIED APPROACH



   *13.3: ADD WALL SURCHARGES THAT ARE DIRECTLY ON THE LEFT WALL
   *13.3: END ADDING WALL SURCHARGES ON LEFT WALL
   * END DATA FOR LEFT WALL

   *19.1 EXAMINE IF SUPPORTS ARE REMOVED FOR LEFT WALL
   * 19: END SUPPORT REMOVAL

   *20: ADD LATERAL LINE LOADS PLACED DIRECTLY ON WALL

ENDSTEP
*END DATA FOR STAGE 0 NAME: 0_Geostatica
*****************************************************************

*****************************************************************
*START DATA FOR STAGE: 1 Name: 1_Scavo
step 1 : 1_Scavo


* DATA FOR LEFT WALL
setwall Leftwall
*10.a: DESCRIBE Kp, Ka Changes for this stage due to Defined Wall Friction, Slope or Strength Code Changes
* LAYER 1 Stage 1
* KaUH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaUH = 0.238 x 0.238/0.238 = 0.238
* KpDH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpDH = 4.204 x 4.204 /4.204 = 4.204
* KaDH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaDH = 0.238 x 0.238/0.238 = 0.238
* KpUH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpUH = 4.204 x 4.204 /4.204 = 4.204
* END LAYER 1 Stage : 1
* LAYER 2 Stage 1
* KaUH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaUH = 0.238 x 0.238/0.238 = 0.238
* KpDH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpDH = 4.204 x 4.204 /4.204 = 4.204
* KaDH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaDH = 0.238 x 0.238/0.238 = 0.238
```

```
* KpUH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpUH = 4.204 x 4.204 /4.204 = 4.204
* END LAYER 2 Stage : 1
* If Section 10.b is not specified then parameters are same as in previous stage.
*END 10.a


   *10.1 Generate left wall water elevations for stage 1
   geom 0 -2
   water -20 0 -2520 0 0

   *11: ADD LEFT WALL SUPPORTS

   *13.1: ADD LEFT WALL SURCHARGES NOT FROM LOADS DIRECTLY LOADING THE WALL
   *13.2.1: ADD LEFT WALL SURCHARGES CALCULATED FROM PARATIE ENGINE
   *13.2.1B: ADD LEFT WALL SURCHARGES CALCULATED OUTSIDE FROM PARATIE ENGINE, FOR LOADS NOT
CONFORMING TO SIMPLIFIED APPROACH



   *13.3: ADD WALL SURCHARGES THAT ARE DIRECTLY ON THE LEFT WALL
   *13.3: END ADDING WALL SURCHARGES ON LEFT WALL
   * END DATA FOR LEFT WALL

   *19.1 EXAMINE IF SUPPORTS ARE REMOVED FOR LEFT WALL
   * 19: END SUPPORT REMOVAL

   *20: ADD LATERAL LINE LOADS PLACED DIRECTLY ON WALL

ENDSTEP
*END DATA FOR STAGE 1 NAME: 1_Scavo
*****************************************************************

*****************************************************************
*START DATA FOR STAGE: 2 Name: 2_Puntello
step 2 : 2_Puntello


* DATA FOR LEFT WALL
setwall Leftwall
*10.a: DESCRIBE Kp, Ka Changes for this stage due to Defined Wall Friction, Slope or Strength Code Changes
* LAYER 1 Stage 2
* KaUH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaUH = 0.238 x 0.238/0.238 = 0.238
* KpDH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpDH = 4.204 x 4.204 /4.204 = 4.204
* KaDH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaDH = 0.238 x 0.238/0.238 = 0.238
* KpUH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpUH = 4.204 x 4.204 /4.204 = 4.204
* END LAYER 1 Stage : 2
* LAYER 2 Stage 2
* KaUH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaUH = 0.238 x 0.238/0.238 = 0.238
* KpDH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpDH = 4.204 x 4.204 /4.204 = 4.204
* KaDH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaDH = 0.238 x 0.238/0.238 = 0.238
```

```
* KpUH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpUH = 4.204 x 4.204 /4.204 = 4.204
* END LAYER 2 Stage : 2
* If Section 10.b is not specified then parameters are same as in previous stage.
*END 10.a


   *10.1 Generate left wall water elevations for stage 2
   geom 0 -2
   water -20 0 -2520 0 0

   *11: ADD LEFT WALL SUPPORTS
      ADD SPL_0

   *13.1: ADD LEFT WALL SURCHARGES NOT FROM LOADS DIRECTLY LOADING THE WALL
   *13.2.1: ADD LEFT WALL SURCHARGES CALCULATED FROM PARATIE ENGINE
   *13.2.1B: ADD LEFT WALL SURCHARGES CALCULATED OUTSIDE FROM PARATIE ENGINE, FOR LOADS NOT
CONFORMING TO SIMPLIFIED APPROACH



   *13.3: ADD WALL SURCHARGES THAT ARE DIRECTLY ON THE LEFT WALL
   *13.3: END ADDING WALL SURCHARGES ON LEFT WALL
   * END DATA FOR LEFT WALL

   *19.1 EXAMINE IF SUPPORTS ARE REMOVED FOR LEFT WALL
   * 19: END SUPPORT REMOVAL

   *20: ADD LATERAL LINE LOADS PLACED DIRECTLY ON WALL

ENDSTEP
*END DATA FOR STAGE 2 NAME: 2_Puntello
*****************************************************************

*****************************************************************
*START DATA FOR STAGE: 3 Name: 3_scavo
step 3 : 3_scavo


* DATA FOR LEFT WALL
setwall Leftwall
*10.a: DESCRIBE Kp, Ka Changes for this stage due to Defined Wall Friction, Slope or Strength Code Changes
* LAYER 1 Stage 3
* KaUH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaUH = 0.238 x 0.238/0.238 = 0.238
* KpDH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpDH = 4.204 x 4.204 /4.204 = 4.204
* KaDH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaDH = 0.238 x 0.238/0.238 = 0.238
* KpUH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpUH = 4.204 x 4.204 /4.204 = 4.204

   *10.1 Generate left wall water elevations for stage 3
   geom 0 -4
   water -20 0 -2520 0 0

   *11: ADD LEFT WALL SUPPORTS
```

```
   *13.1: ADD LEFT WALL SURCHARGES NOT FROM LOADS DIRECTLY LOADING THE WALL
   *13.2.1: ADD LEFT WALL SURCHARGES CALCULATED FROM PARATIE ENGINE
   *13.2.1B: ADD LEFT WALL SURCHARGES CALCULATED OUTSIDE FROM PARATIE ENGINE, FOR LOADS NOT
CONFORMING TO SIMPLIFIED APPROACH



   *13.3: ADD WALL SURCHARGES THAT ARE DIRECTLY ON THE LEFT WALL
   *13.3: END ADDING WALL SURCHARGES ON LEFT WALL
   * END DATA FOR LEFT WALL

   *19.1 EXAMINE IF SUPPORTS ARE REMOVED FOR LEFT WALL
   * 19: END SUPPORT REMOVAL

   *20: ADD LATERAL LINE LOADS PLACED DIRECTLY ON WALL

ENDSTEP
*END DATA FOR STAGE 3 NAME: 3_scavo
*****************************************************************

*****************************************************************
*START DATA FOR STAGE: 4 Name: 4_Puntello
step 4 : 4_Puntello


* DATA FOR LEFT WALL
setwall Leftwall
*10.a: DESCRIBE Kp, Ka Changes for this stage due to Defined Wall Friction, Slope or Strength Code Changes
* LAYER 1 Stage 4
* KaUH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaUH = 0.238 x 0.238/0.238 = 0.238
* KpDH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpDH = 4.204 x 4.204 /4.204 = 4.204
* KaDH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaDH = 0.238 x 0.238/0.238 = 0.238
* KpUH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpUH = 4.204 x 4.204 /4.204 = 4.204

   *10.1 Generate left wall water elevations for stage 4
   geom 0 -4
   water -20 0 -2520 0 0

   *11: ADD LEFT WALL SUPPORTS
      ADD SPL_1

   *13.1: ADD LEFT WALL SURCHARGES NOT FROM LOADS DIRECTLY LOADING THE WALL
   *13.2.1: ADD LEFT WALL SURCHARGES CALCULATED FROM PARATIE ENGINE
   *13.2.1B: ADD LEFT WALL SURCHARGES CALCULATED OUTSIDE FROM PARATIE ENGINE, FOR LOADS NOT
CONFORMING TO SIMPLIFIED APPROACH



   *13.3: ADD WALL SURCHARGES THAT ARE DIRECTLY ON THE LEFT WALL
   *13.3: END ADDING WALL SURCHARGES ON LEFT WALL
   * END DATA FOR LEFT WALL

   *19.1 EXAMINE IF SUPPORTS ARE REMOVED FOR LEFT WALL
   * 19: END SUPPORT REMOVAL
```

```
   *20: ADD LATERAL LINE LOADS PLACED DIRECTLY ON WALL

ENDSTEP
*END DATA FOR STAGE 4 NAME: 4_Puntello
*****************************************************************

*****************************************************************
*START DATA FOR STAGE: 5 Name: 5_Scavo
step 5 : 5_Scavo


* DATA FOR LEFT WALL
setwall Leftwall
*10.a: DESCRIBE Kp, Ka Changes for this stage due to Defined Wall Friction, Slope or Strength Code Changes
* LAYER 1 Stage 5
* KaUH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaUH = 0.238 x 0.238/0.238 = 0.238
* KpDH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpDH = 4.204 x 4.204 /4.204 = 4.204
* KaDH= KaHBase x [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kah(deg FR= 38, DFR= 0, Asur= 0)]=>
* KaDH = 0.238 x 0.238/0.238 = 0.238
* KpUH= KpHBase x  [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)] / [Rankine_Kph(deg FR= 38, DFR= 0, Asur= 0)]=>
* KpUH = 4.204 x 4.204 /4.204 = 4.204

   *10.1 Generate left wall water elevations for stage 5
   geom 0 -6.5
   water -20 0 -2520 0 0

   *11: ADD LEFT WALL SUPPORTS

   *13.1: ADD LEFT WALL SURCHARGES NOT FROM LOADS DIRECTLY LOADING THE WALL
   *13.2.1: ADD LEFT WALL SURCHARGES CALCULATED FROM PARATIE ENGINE
   *13.2.1B: ADD LEFT WALL SURCHARGES CALCULATED OUTSIDE FROM PARATIE ENGINE, FOR LOADS NOT
CONFORMING TO SIMPLIFIED APPROACH



   *13.3: ADD WALL SURCHARGES THAT ARE DIRECTLY ON THE LEFT WALL
   *13.3: END ADDING WALL SURCHARGES ON LEFT WALL
   * END DATA FOR LEFT WALL

   *19.1 EXAMINE IF SUPPORTS ARE REMOVED FOR LEFT WALL
   * 19: END SUPPORT REMOVAL

   *20: ADD LATERAL LINE LOADS PLACED DIRECTLY ON WALL

ENDSTEP
*END DATA FOR STAGE 5 NAME: 5_Scavo
*****************************************************************

set country english
*
*
```

13 TABULATI SLIDE

13.1 MURO DI SOSTEGNO - FASE STATICA

13.1.1 INPUT

Document Name

File Name: pk1+442_ASSE C muro.sli

Project Settings

Project Title: SLIDE - An Interactive Slope Stability Program
Failure Direction: Right to Left
Units of Measurement: SI Units
Pore Fluid Unit Weight: 9.81 kN/m3
Groundwater Method: Water Surfaces
Data Output: Standard
Calculate Excess Pore Pressure: Off
Allow Ru with Water Surfaces or Grids: Off
Random Numbers: Pseudo-random Seed
Random Number Seed: 10116
Random Number Generation Method: Park and Miller v.3

Analysis Methods

Analysis Methods used:
Bishop simplified
Janbu simplified
Ordinary/Fellenius
Spencer

Number of slices: 25
Tolerance: 0.005
Maximum number of iterations: 50

Surface Options

Surface Type: Circular
Search Method: Grid Search
Radius increment: 10
Composite Surfaces: Disabled
Reverse Curvature: Create Tension Crack
Minimum Elevation: Not Defined
Minimum Depth: Not Defined

Loading

1 Distributed Load present:
Distributed Load Constant Distribution, Orientation: Normal to boundary, Magnitude: 26 kN/m2

Material Properties

Material: Material 1

Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3
Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: Material 2
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3
Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: muro
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3
Cohesion: 1 kPa
Friction Angle: 35 degrees
Water Surface: None

List of All Coordinates

Material Boundary

2132.500	-9435.141
2132.500	-9483.095
2102.500	-9483.095
2102.500	-9553.095
2462.500	-9553.095
2462.500	-9483.095
2192.500	-9483.095
2192.500	-9432.580
2192.500	-9125.663

Material Boundary

2192.062	-9432.619
2192.500	-9432.580
5132.500	-9432.580

External Boundary

5132.500	-8234.973
4756.836	-8480.385
4654.211	-8480.385
4646.711	-8500.385
4564.411	-8490.385
4454.021	-8487.514
4102.654	-8477.464
3751.288	-8484.915
3650.897	-8487.044
3650.897	-8477.044
3500.312	-8477.044
2621.897	-8977.044
2420.549	-8977.044
2192.500	-9125.663
2192.500	-9105.654
2132.500	-9105.654
2132.500	-9435.000
2132.500	-9435.141
2117.625	-9439.196

2002.468 -9464.550
132.500 -9684.560
132.500 -10435.141
5132.500 -10435.141
5132.500 -9432.580

Focus/Block Search Line
2461.934 -10434.833
2461.934 -9552.436

Search Grid
447.470 -9051.251
2558.512 -9051.251
2558.512 -6950.951
447.470 -6950.951

Distributed Load
4560.037 -8490.271
4454.021 -8487.514
4102.654 -8477.464
3751.288 -8484.915
3650.897 -8487.044

13.1.2 OUTPUT

```
Raw Data for Minimum Circle Results
Center_x      Center_y      Radius Factor_of_Safety
   447.470     -9051.251     2075.874   -1000.00000
   447.470     -8946.236     2103.698   -1000.00000
   447.470     -8841.221     2136.327   -1000.00000
   447.470     -8736.206     2173.545   -1000.00000
   447.470     -8631.191     2215.120   -1000.00000
   447.470     -8526.176     2260.813   -1000.00000
   447.470     -8421.161     2310.378   -1000.00000
   447.470     -8316.146     2363.573   -1000.00000
   447.470     -8211.131     2420.158   -1000.00000
   447.470     -8106.116     2479.901   -1000.00000
   447.470     -8001.101     2542.579   -1000.00000
   447.470     -7896.086     2607.980   -1000.00000
   447.470     -7791.071     2675.906   -1000.00000
   447.470     -7686.056     2746.168   -1000.00000
   447.470     -7581.041     2818.593   -1000.00000
   447.470     -7476.026     2893.016   -1000.00000
   447.470     -7371.011     2969.290   -1000.00000
   447.470     -7265.996     3047.273   -1000.00000
   447.470     -7160.981     3126.839   -1000.00000
   447.470     -7055.966     3207.870   -1000.00000
   447.470     -6950.951     3290.257   -1000.00000
   553.022     -9051.251     1973.609   -1000.00000
   553.022     -8946.236     2002.854   -1000.00000
   553.022     -8841.221     2037.099   -1000.00000
   553.022     -8736.206     2076.096   -1000.00000
   553.022     -8631.191     2119.584   -1000.00000
   553.022     -8526.176     2167.292   -1000.00000
   553.022     -8421.161     2218.947   -1000.00000
   553.022     -8316.146     2274.282   -1000.00000
   553.022     -8211.131     2333.033   -1000.00000
   553.022     -8106.116     2394.950   -1000.00000
   553.022     -8001.101     2459.794   -1000.00000
   553.022     -7896.086     2527.339   -1000.00000
   553.022     -7791.071     2597.374   -1000.00000
   553.022     -7686.056     2669.704   -1000.00000
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553.022	-7265.996	2978.549	-1000.00000
553.022	-7160.981	3059.902	-1000.00000
553.022	-7055.966	3142.659	-1000.00000
553.022	-6950.951	3226.712	-1000.00000
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658.574	-8631.191	2025.043	-1000.00000
658.574	-8526.176	2074.926	-1000.00000
658.574	-8421.161	2128.824	-1000.00000
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1186.335	-8526.176	1637.182	-1000.00000
1186.335	-8421.161	1704.974	-1000.00000
1186.335	-8316.146	1776.391	-1000.00000
1186.335	-8211.131	1851.014	-1000.00000
1186.335	-8106.116	1928.470	-1000.00000
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1186.335	-7791.071	2174.755	-1000.00000
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1291.887	-9051.251	1272.870	4.81917

1291.887	-8946.236	1317.759	4.35740
1291.887	-8841.221	1369.247	3.96197
1291.887	-8736.206	1426.619	3.57145
1291.887	-8631.191	1489.195	3.30306
1291.887	-8526.176	1556.348	3.07695
1291.887	-8421.161	1627.512	2.86766
1291.887	-8316.146	1702.182	2.70156
1291.887	-8211.131	1779.918	2.55272
1291.887	-8106.116	1860.337	2.42637
1291.887	-8001.101	1943.103	2.31510
1291.887	-7896.086	2027.931	2.21434
1291.887	-7791.071	2114.573	2.12650
1291.887	-7686.056	2202.813	2.04804
1291.887	-7581.041	2292.468	1.97641
1291.887	-7476.026	2383.378	1.91315
1291.887	-7371.011	2475.404	1.85667
1291.887	-7265.996	2568.427	1.80687
1291.887	-7160.981	2662.343	1.76776
1291.887	-7055.966	2757.059	1.73654
1291.887	-6950.951	2852.496	1.71274
1397.439	-9051.251	1176.578	4.33744
1397.439	-8946.236	1225.001	3.91100
1397.439	-8841.221	1300.079	3.52201
1397.439	-8736.206	1341.410	3.19126
1397.439	-8631.191	1407.779	2.95147
1397.439	-8526.176	1478.634	2.73488
1397.439	-8421.161	1553.362	2.56657
1397.439	-8316.146	1631.430	2.41582
1397.439	-8211.131	1712.381	2.29262
1397.439	-8106.116	1795.826	2.18583
1397.439	-8001.101	1881.433	2.08838
1397.439	-7896.086	1968.920	2.00644
1397.439	-7791.071	2058.047	1.93538
1397.439	-7686.056	2148.610	1.87022
1397.439	-7581.041	2240.435	1.81327
1397.439	-7476.026	2333.373	1.76171
1397.439	-7371.011	2427.296	1.71910
1397.439	-7265.996	2522.094	1.68589
1397.439	-7160.981	2617.672	1.66054
1397.439	-7055.966	2713.948	1.64202
1397.439	-6950.951	2810.849	1.62912
1502.991	-9051.251	1082.016	3.84990
1502.991	-8946.236	1134.482	3.47262
1502.991	-8841.221	1193.901	3.08162
1502.991	-8736.206	1259.287	2.82550
1502.991	-8631.191	1329.761	2.60178
1502.991	-8526.176	1404.557	2.43136
1502.991	-8421.161	1483.022	2.28301
1502.991	-8316.146	1564.604	2.16357
1502.991	-8211.131	1648.839	2.05833
1502.991	-8106.116	1735.342	1.97044
1502.991	-8001.101	1823.791	1.89547
1502.991	-7896.086	1913.914	1.82794
1502.991	-7791.071	2005.487	1.77094
1502.991	-7686.056	2098.320	1.72061
1502.991	-7581.041	2192.252	1.67646
1502.991	-7476.026	2287.149	1.64015
1502.991	-7371.011	2382.895	1.61305
1502.991	-7265.996	2479.391	1.59387
1502.991	-7160.981	2576.554	1.58150
1502.991	-7055.966	2674.310	1.57409
1502.991	-6950.951	2772.597	1.57070
1608.543	-9051.251	989.678	3.37948
1608.543	-8946.236	1046.783	2.98245
1608.543	-8841.221	1110.902	2.70527
1608.543	-8736.206	1180.893	2.46911
1608.543	-8631.191	1255.774	2.29715

1608.543	-8526.176	1334.723	2.15248
1608.543	-8421.161	1417.060	2.03920
1608.543	-8316.146	1502.228	1.94111
1608.543	-8211.131	1589.772	1.86153
1608.543	-8106.116	1679.321	1.79168
1608.543	-8001.101	1770.570	1.73416
1608.543	-7896.086	1863.269	1.68247
1608.543	-7791.071	1957.213	1.63980
1608.543	-7686.056	2052.231	1.60268
1608.543	-7581.041	2148.179	1.57217
1608.543	-7476.026	2244.940	1.55150
1608.543	-7371.011	2342.411	1.53845
1608.543	-7265.996	2440.509	1.53182
1608.543	-7160.981	2539.160	1.53017
1608.543	-7055.966	2638.302	1.53188
1608.543	-6950.951	2737.883	1.53670
1714.095	-9051.251	900.250	2.93262
1714.095	-8946.236	962.674	2.59896
1714.095	-8841.221	1032.032	2.35071
1714.095	-8736.206	1107.021	2.17628
1714.095	-8631.191	1186.573	2.03066
1714.095	-8526.176	1269.832	1.92340
1714.095	-8421.161	1356.114	1.83341
1714.095	-8316.146	1444.879	1.76242
1714.095	-8211.131	1535.696	1.70235
1714.095	-8106.116	1628.221	1.65305
1714.095	-8001.101	1722.180	1.61022
1714.095	-7896.086	1817.349	1.57472
1714.095	-7791.071	1913.549	1.54295
1714.095	-7686.056	2010.631	1.51936
1714.095	-7581.041	2108.474	1.50330
1714.095	-7476.026	2206.976	1.49622
1714.095	-7371.011	2306.053	1.49611
1714.095	-7265.996	2405.633	1.49925
1714.095	-7160.981	2505.658	1.50580
1714.095	-7055.966	2606.075	1.51514
1714.095	-6950.951	2706.841	1.52664
1819.647	-9051.251	814.689	2.48800
1819.647	-8946.236	883.182	2.26378
1819.647	-8841.221	958.311	2.06669
1819.647	-8736.206	1038.636	1.92726
1819.647	-8631.191	1123.043	1.82703
1819.647	-8526.176	1210.678	1.74479
1819.647	-8421.161	1300.890	1.67966
1819.647	-8316.146	1393.178	1.62986
1819.647	-8211.131	1487.156	1.58745
1819.647	-8106.116	1582.521	1.55360
1819.647	-8001.101	1679.039	1.52516
1819.647	-7896.086	1776.521	1.50095
1819.647	-7791.071	1874.817	1.48284
1819.647	-7686.056	1973.805	1.47234
1819.647	-7581.041	2073.386	1.47057
1819.647	-7476.026	2173.479	1.47448
1819.647	-7371.011	2274.016	1.48229
1819.647	-7265.996	2374.940	1.49312
1819.647	-7160.981	2476.205	1.50649
1819.647	-7055.966	2577.769	1.52184
1819.647	-6950.951	2679.600	1.53873
1925.199	-9051.251	734.350	2.16228
1925.199	-8946.236	809.668	1.98171
1925.199	-8841.221	891.017	1.84982
1925.199	-8736.206	976.891	1.75019
1925.199	-8631.191	1066.197	1.68104
1925.199	-8526.176	1158.142	1.62648
1925.199	-8421.161	1252.145	1.58481
1925.199	-8316.146	1347.775	1.54897
1925.199	-8211.131	1444.709	1.52031

1925.199	-8106.116	1542.701	1.49765
1925.199	-8001.101	1641.562	1.47848
1925.199	-7896.086	1741.143	1.46476
1925.199	-7791.071	1841.329	1.45980
1925.199	-7686.056	1942.024	1.46180
1925.199	-7581.041	2043.155	1.46980
1925.199	-7476.026	2144.659	1.48154
1925.199	-7371.011	2246.486	1.49613
1925.199	-7265.996	2348.594	1.51292
1925.199	-7160.981	2450.947	1.53087
1925.199	-7055.966	2553.517	1.55087
1925.199	-6950.951	2656.277	1.57174
2030.752	-9051.251	661.139	1.93521
2030.752	-8946.236	743.907	1.82412
2030.752	-8841.221	831.712	1.73445
2030.752	-8736.206	923.120	1.66401
2030.752	-8631.191	1017.158	1.61262
2030.752	-8526.176	1113.161	1.57279
2030.752	-8421.161	1210.662	1.54342
2030.752	-8316.146	1309.325	1.51968
2030.752	-8211.131	1408.907	1.49830
2030.752	-8106.116	1509.225	1.48152
2030.752	-8001.101	1610.143	1.47033
2030.752	-7896.086	1711.553	1.46782
2030.752	-7791.071	1813.374	1.47325
2030.752	-7686.056	1915.540	1.48406
2030.752	-7581.041	2017.998	1.49860
2030.752	-7476.026	2120.707	1.51585
2030.752	-7371.011	2223.631	1.53412
2030.752	-7265.996	2326.742	1.55512
2030.752	-7160.981	2430.016	1.57735
2030.752	-7055.966	2533.433	1.60042
2030.752	-6950.951	2636.976	1.62437
2136.304	-9051.251	597.680	1.88295
2136.304	-8946.236	688.123	1.79001
2136.304	-8841.221	782.216	1.72298
2136.304	-8736.206	878.787	1.66733
2136.304	-8631.191	977.102	1.62352
2136.304	-8526.176	1076.682	1.58724
2136.304	-8421.161	1177.208	1.56045
2136.304	-8316.146	1278.455	1.53809
2136.304	-8211.131	1380.266	1.51903
2136.304	-8106.116	1482.524	1.50342
2136.304	-8001.101	1585.142	1.50035
2136.304	-7896.086	1688.055	1.50672
2136.304	-7791.071	1791.213	1.51938
2136.304	-7686.056	1894.574	1.53525
2136.304	-7581.041	1998.108	1.55401
2136.304	-7476.026	2101.788	1.57484
2136.304	-7371.011	2205.595	1.59648
2136.304	-7265.996	2309.512	1.61995
2136.304	-7160.981	2413.523	1.64441
2136.304	-7055.966	2517.618	1.66987
2136.304	-6950.951	2621.786	1.69597
2241.856	-9051.251	547.376	2.05970
2241.856	-8946.236	644.913	1.93335
2241.856	-8841.221	744.487	1.84114
2241.856	-8736.206	845.379	1.77170
2241.856	-8631.191	947.168	1.71338
2241.856	-8526.176	1049.592	1.66823
2241.856	-8421.161	1152.483	1.62840
2241.856	-8316.146	1255.726	1.59845
2241.856	-8211.131	1359.240	1.57583
2241.856	-8106.116	1462.968	1.56698
2241.856	-8001.101	1566.868	1.57009
2241.856	-7896.086	1670.907	1.58032
2241.856	-7791.071	1775.061	1.59540

2241.856	-7686.056	1879.311	1.61382
2241.856	-7581.041	1983.641	1.63469
2241.856	-7476.026	2088.041	1.65728
2241.856	-7371.011	2192.499	1.68030
2241.856	-7265.996	2297.007	1.70535
2241.856	-7160.981	2401.560	1.73154
2241.856	-7055.966	2506.152	1.75848
2241.856	-6950.951	2610.778	1.78592
2347.408	-9051.251	601.525	2.56270
2347.408	-8946.236	704.531	2.31802
2347.408	-8841.221	720.377	2.13473
2347.408	-8736.206	824.226	1.99793
2347.408	-8631.191	928.337	1.90358
2347.408	-8526.176	1032.631	1.82442
2347.408	-8421.161	1137.057	1.76102
2347.408	-8316.146	1241.583	1.71495
2347.408	-8211.131	1346.186	1.69099
2347.408	-8106.116	1450.847	1.68440
2347.408	-8001.101	1555.557	1.68784
2347.408	-7896.086	1660.305	1.69769
2347.408	-7791.071	1765.085	1.71265
2347.408	-7686.056	1869.891	1.73094
2347.408	-7581.041	1974.719	1.75166
2347.408	-7476.026	2079.566	1.77501
2347.408	-7371.011	2184.429	1.79933
2347.408	-7265.996	2289.307	1.82485
2347.408	-7160.981	2394.196	1.85136
2347.408	-7055.966	2499.096	1.87855
2347.408	-6950.951	2604.005	1.90619
2452.960	-9051.251	765.969	3.01173
2452.960	-8946.236	782.738	2.67693
2452.960	-8841.221	799.508	2.41890
2452.960	-8736.206	904.517	2.23171
2452.960	-8631.191	1009.526	2.10241
2452.960	-8526.176	1114.537	2.00323
2452.960	-8421.161	1219.549	1.93756
2452.960	-8316.146	1236.323	1.88961
2452.960	-8211.131	1341.335	1.86178
2452.960	-8106.116	1446.348	1.84966
2452.960	-8001.101	1551.361	1.84916
2452.960	-7896.086	1656.374	1.85640
2452.960	-7791.071	1761.388	1.86802
2452.960	-7686.056	1866.402	1.88378
2452.960	-7581.041	1971.416	1.90271
2452.960	-7476.026	2076.430	1.92408
2452.960	-7371.011	2181.444	1.94728
2452.960	-7265.996	2286.458	1.97183
2452.960	-7160.981	2434.876	1.99594
2452.960	-7055.966	2533.712	2.01746
2452.960	-6950.951	2632.846	2.04010
2558.512	-9051.251	861.023	3.36446
2558.512	-8946.236	877.210	2.99725
2558.512	-8841.221	893.501	2.69962
2558.512	-8736.206	997.813	2.48820
2558.512	-8631.191	1014.287	2.30779
2558.512	-8526.176	1118.825	2.18917
2558.512	-8421.161	1223.450	2.11480
2558.512	-8316.146	1328.140	2.06685
2558.512	-8211.131	1344.778	2.03852
2558.512	-8106.116	1449.541	2.02141
2558.512	-8001.101	1554.338	2.01521
2558.512	-7896.086	1659.163	2.01722
2558.512	-7791.071	1764.011	2.02544
2558.512	-7686.056	1868.877	2.03848
2558.512	-7581.041	1973.759	2.05502
2558.512	-7476.026	2132.406	2.07282
2558.512	-7371.011	2230.277	2.09002

2558.512	-7265.996	2328.505	2.10905
2558.512	-7160.981	2427.073	2.13113
2558.512	-7055.966	2525.969	2.15653
2558.512	-6950.951	2625.176	2.18190

13.2 MURO DI SOSTEGNO - FASE SISMICA

13.2.1 INPUT

Document Name

File Name: pk1+442_ASSE C muro sis.sli

Project Settings

Project Title: SLIDE - An Interactive Slope Stability Program
Failure Direction: Right to Left
Units of Measurement: SI Units
Pore Fluid Unit Weight: 9.81 kN/m3
Groundwater Method: Water Surfaces
Data Output: Standard
Calculate Excess Pore Pressure: Off
Allow Ru with Water Surfaces or Grids: Off
Random Numbers: Pseudo-random Seed
Random Number Seed: 10116
Random Number Generation Method: Park and Miller v.3

Analysis Methods

Analysis Methods used:
Bishop simplified
Janbu simplified
Ordinary/Fellenius
Spencer

Number of slices: 25
Tolerance: 0.005
Maximum number of iterations: 50

Surface Options

Surface Type: Circular
Search Method: Grid Search
Radius increment: 10
Composite Surfaces: Disabled
Reverse Curvature: Create Tension Crack
Minimum Elevation: Not Defined
Minimum Depth: Not Defined

Loading

Seismic Load Coefficient (Horizontal): 0.126
Seismic Load Coefficient (Vertical): -0.063
1 Distributed Load present:
Distributed Load Constant Distribution, Orientation: Normal to boundary, Magnitude: 10 kN/m2

Material Properties

Material: Material 1
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3

Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: Material 2
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3
Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: muro
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3
Cohesion: 1 kPa
Friction Angle: 35 degrees
Water Surface: None

List of All Coordinates

Material Boundary

2132.500	-9435.141
2132.500	-9483.095
2102.500	-9483.095
2102.500	-9553.095
2462.500	-9553.095
2462.500	-9483.095
2192.500	-9483.095
2192.500	-9432.580
2192.500	-9125.663

Material Boundary

2192.062	-9432.619
2192.500	-9432.580
5132.500	-9432.580

External Boundary

5132.500	-8234.973
4756.836	-8480.385
4654.211	-8480.385
4646.711	-8500.385
4564.411	-8490.385
4454.021	-8487.514
4102.654	-8477.464
3751.288	-8484.915
3650.897	-8487.044
3650.897	-8477.044
3500.312	-8477.044
2621.897	-8977.044
2420.549	-8977.044
2192.500	-9125.663
2192.500	-9105.654
2132.500	-9105.654
2132.500	-9435.000
2132.500	-9435.141
2117.625	-9439.196
2002.468	-9464.550
132.500	-9684.560

132.500 -10435.141
5132.500 -10435.141
5132.500 -9432.580

Focus/Block Search Line
2461.934 -10434.833
2461.934 -9552.436

Search Grid
447.470 -9051.251
2558.512 -9051.251
2558.512 -6950.951
447.470 -6950.951

Distributed Load
4560.037 -8490.271
4454.021 -8487.514
4102.654 -8477.464
3751.288 -8484.915
3650.897 -8487.044

13.2.2 OUTPUT

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Raw Data for Minimum Circle Results
Center_x      Center_y      Radius Factor_of_Safety
   447.470     -9051.251     2075.874   -1000.00000
   447.470     -8946.236     2103.698   -1000.00000
   447.470     -8841.221     2136.327   -1000.00000
   447.470     -8736.206     2173.545   -1000.00000
   447.470     -8631.191     2215.120   -1000.00000
   447.470     -8526.176     2260.813   -1000.00000
   447.470     -8421.161     2310.378   -1000.00000
   447.470     -8316.146     2363.573   -1000.00000
   447.470     -8211.131     2420.158   -1000.00000
   447.470     -8106.116     2479.901   -1000.00000
   447.470     -8001.101     2542.579   -1000.00000
   447.470     -7896.086     2607.980   -1000.00000
   447.470     -7791.071     2675.906   -1000.00000
   447.470     -7686.056     2746.168   -1000.00000
   447.470     -7581.041     2818.593   -1000.00000
   447.470     -7476.026     2893.016   -1000.00000
   447.470     -7371.011     2969.290   -1000.00000
   447.470     -7265.996     3047.273   -1000.00000
   447.470     -7160.981     3126.839   -1000.00000
   447.470     -7055.966     3207.870   -1000.00000
   447.470     -6950.951     3290.257   -1000.00000
   553.022     -9051.251     1973.609   -1000.00000
   553.022     -8946.236     2002.854   -1000.00000
   553.022     -8841.221     2037.099   -1000.00000
   553.022     -8736.206     2076.096   -1000.00000
   553.022     -8631.191     2119.584   -1000.00000
   553.022     -8526.176     2167.292   -1000.00000
   553.022     -8421.161     2218.947   -1000.00000
   553.022     -8316.146     2274.282   -1000.00000
   553.022     -8211.131     2333.033   -1000.00000
   553.022     -8106.116     2394.950   -1000.00000
   553.022     -8001.101     2459.794   -1000.00000
   553.022     -7896.086     2527.339   -1000.00000
   553.022     -7791.071     2597.374   -1000.00000
   553.022     -7686.056     2669.704   -1000.00000
   553.022     -7581.041     2744.147   -1000.00000
   553.022     -7476.026     2820.536   -1000.00000
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553.022	-7055.966	3142.659	-1000.00000
553.022	-6950.951	3226.712	-1000.00000
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658.574	-8946.236	1902.521	-1000.00000
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658.574	-8736.206	1979.479	-1000.00000
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658.574	-6950.951	3165.412	-1000.00000
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1186.335	-7160.981	2710.389	-1000.00000
1186.335	-7055.966	2803.483	-1000.00000
1186.335	-6950.951	2897.392	1.31885
1291.887	-9051.251	1272.870	3.15326
1291.887	-8946.236	1317.759	2.87075
1291.887	-8841.221	1369.247	2.63184

1291.887	-8736.206	1426.619	2.40608
1291.887	-8631.191	1489.195	2.24204
1291.887	-8526.176	1556.348	2.10397
1291.887	-8421.161	1627.512	1.97820
1291.887	-8316.146	1702.182	1.87611
1291.887	-8211.131	1779.918	1.78520
1291.887	-8106.116	1860.337	1.70713
1291.887	-8001.101	1943.103	1.63814
1291.887	-7896.086	2027.931	1.57580
1291.887	-7791.071	2114.573	1.52089
1291.887	-7686.056	2202.813	1.47161
1291.887	-7581.041	2292.468	1.42663
1291.887	-7476.026	2383.378	1.38649
1291.887	-7371.011	2475.404	1.35052
1291.887	-7265.996	2568.427	1.31846
1291.887	-7160.981	2662.343	1.29255
1291.887	-7055.966	2757.059	1.27136
1291.887	-6950.951	2852.496	1.25467
1397.439	-9051.251	1176.578	2.92981
1397.439	-8946.236	1225.001	2.65690
1397.439	-8841.221	1300.079	2.42418
1397.439	-8736.206	1341.410	2.21313
1397.439	-8631.191	1407.779	2.06077
1397.439	-8526.176	1478.634	1.92522
1397.439	-8421.161	1553.362	1.81746
1397.439	-8316.146	1631.430	1.72173
1397.439	-8211.131	1712.381	1.64240
1397.439	-8106.116	1795.826	1.57343
1397.439	-8001.101	1881.433	1.51077
1397.439	-7896.086	1968.920	1.45745
1397.439	-7791.071	2058.047	1.41105
1397.439	-7686.056	2148.610	1.36856
1397.439	-7581.041	2240.435	1.33107
1397.439	-7476.026	2333.373	1.29714
1397.439	-7371.011	2427.296	1.26855
1397.439	-7265.996	2522.094	1.24563
1397.439	-7160.981	2617.672	1.22757
1397.439	-7055.966	2713.948	1.21383
1397.439	-6950.951	2810.849	1.20360
1502.991	-9051.251	1082.016	2.69003
1502.991	-8946.236	1134.482	2.43463
1502.991	-8841.221	1193.901	2.18810
1502.991	-8736.206	1259.287	2.01795
1502.991	-8631.191	1329.761	1.87145
1502.991	-8526.176	1404.557	1.75731
1502.991	-8421.161	1483.022	1.65879
1502.991	-8316.146	1564.604	1.57838
1502.991	-8211.131	1648.839	1.50788
1502.991	-8106.116	1735.342	1.44846
1502.991	-8001.101	1823.791	1.39754
1502.991	-7896.086	1913.914	1.35185
1502.991	-7791.071	2005.487	1.31290
1502.991	-7686.056	2098.320	1.27857
1502.991	-7581.041	2192.252	1.24823
1502.991	-7476.026	2287.149	1.22288
1502.991	-7371.011	2382.895	1.20337
1502.991	-7265.996	2479.391	1.18877
1502.991	-7160.981	2576.554	1.17855
1502.991	-7055.966	2674.310	1.17156
1502.991	-6950.951	2772.597	1.16721
1608.543	-9051.251	989.678	2.44433
1608.543	-8946.236	1046.783	2.17345
1608.543	-8841.221	1110.902	1.97998
1608.543	-8736.206	1180.893	1.81766
1608.543	-8631.191	1255.774	1.69651
1608.543	-8526.176	1334.723	1.59548
1608.543	-8421.161	1417.060	1.51531

1608.543	-8316.146	1502.228	1.44634
1608.543	-8211.131	1589.772	1.38980
1608.543	-8106.116	1679.321	1.34043
1608.543	-8001.101	1770.570	1.29940
1608.543	-7896.086	1863.269	1.26270
1608.543	-7791.071	1957.213	1.23214
1608.543	-7686.056	2052.231	1.20551
1608.543	-7581.041	2148.179	1.18336
1608.543	-7476.026	2244.940	1.16742
1608.543	-7371.011	2342.411	1.15644
1608.543	-7265.996	2440.509	1.14876
1608.543	-7160.981	2539.160	1.14540
1608.543	-7055.966	2638.302	1.14418
1608.543	-6950.951	2737.883	1.14503
1714.095	-9051.251	900.250	2.19634
1714.095	-8946.236	962.674	1.95383
1714.095	-8841.221	1032.032	1.77335
1714.095	-8736.206	1107.021	1.64334
1714.095	-8631.191	1186.573	1.53629
1714.095	-8526.176	1269.832	1.45591
1714.095	-8421.161	1356.114	1.38907
1714.095	-8316.146	1444.879	1.33574
1714.095	-8211.131	1535.696	1.29093
1714.095	-8106.116	1628.221	1.25384
1714.095	-8001.101	1722.180	1.22184
1714.095	-7896.086	1817.349	1.19510
1714.095	-7791.071	1913.549	1.17135
1714.095	-7686.056	2010.631	1.15312
1714.095	-7581.041	2108.474	1.13888
1714.095	-7476.026	2206.976	1.13157
1714.095	-7371.011	2306.053	1.12894
1714.095	-7265.996	2405.633	1.12843
1714.095	-7160.981	2505.658	1.13020
1714.095	-7055.966	2606.075	1.13384
1714.095	-6950.951	2706.841	1.13892
1819.647	-9051.251	814.689	1.93445
1819.647	-8946.236	883.182	1.75118
1819.647	-8841.221	958.311	1.59816
1819.647	-8736.206	1038.636	1.48858
1819.647	-8631.191	1123.043	1.40831
1819.647	-8526.176	1210.678	1.34330
1819.647	-8421.161	1300.890	1.29164
1819.647	-8316.146	1393.178	1.25163
1819.647	-8211.131	1487.156	1.21791
1819.647	-8106.116	1582.521	1.19072
1819.647	-8001.101	1679.039	1.16806
1819.647	-7896.086	1776.521	1.14864
1819.647	-7791.071	1874.817	1.13263
1819.647	-7686.056	1973.805	1.12273
1819.647	-7581.041	2073.386	1.11864
1819.647	-7476.026	2173.479	1.11836
1819.647	-7371.011	2274.016	1.12072
1819.647	-7265.996	2374.940	1.12515
1819.647	-7160.981	2476.205	1.13123
1819.647	-7055.966	2577.769	1.13863
1819.647	-6950.951	2679.600	1.14703
1925.199	-9051.251	734.350	1.73115
1925.199	-8946.236	809.668	1.57349
1925.199	-8841.221	891.017	1.45975
1925.199	-8736.206	976.891	1.37471
1925.199	-8631.191	1066.197	1.31438
1925.199	-8526.176	1158.142	1.26736
1925.199	-8421.161	1252.145	1.23098
1925.199	-8316.146	1347.775	1.20030
1925.199	-8211.131	1444.709	1.17569
1925.199	-8106.116	1542.701	1.15598
1925.199	-8001.101	1641.562	1.13949

1925.199	-7896.086	1741.143	1.12593
1925.199	-7791.071	1841.329	1.11931
1925.199	-7686.056	1942.024	1.11743
1925.199	-7581.041	2043.155	1.11954
1925.199	-7476.026	2144.659	1.12420
1925.199	-7371.011	2246.486	1.13078
1925.199	-7265.996	2348.594	1.13883
1925.199	-7160.981	2450.947	1.14766
1925.199	-7055.966	2553.517	1.15779
1925.199	-6950.951	2656.277	1.16944
2030.752	-9051.251	661.139	1.58692
2030.752	-8946.236	743.907	1.47298
2030.752	-8841.221	831.712	1.38586
2030.752	-8736.206	923.120	1.32008
2030.752	-8631.191	1017.158	1.27184
2030.752	-8526.176	1113.161	1.23452
2030.752	-8421.161	1210.662	1.20667
2030.752	-8316.146	1309.325	1.18406
2030.752	-8211.131	1408.907	1.16433
2030.752	-8106.116	1509.225	1.14858
2030.752	-8001.101	1610.143	1.13717
2030.752	-7896.086	1711.553	1.13060
2030.752	-7791.071	1813.374	1.13055
2030.752	-7686.056	1915.540	1.13407
2030.752	-7581.041	2017.998	1.14014
2030.752	-7476.026	2120.707	1.14901
2030.752	-7371.011	2223.631	1.15760
2030.752	-7265.996	2326.742	1.16802
2030.752	-7160.981	2430.016	1.17925
2030.752	-7055.966	2533.433	1.19100
2030.752	-6950.951	2636.976	1.20327
2136.304	-9051.251	597.680	1.56560
2136.304	-8946.236	688.123	1.45982
2136.304	-8841.221	782.216	1.38617
2136.304	-8736.206	878.787	1.32876
2136.304	-8631.191	977.102	1.28518
2136.304	-8526.176	1076.682	1.24987
2136.304	-8421.161	1177.208	1.22329
2136.304	-8316.146	1278.455	1.20163
2136.304	-8211.131	1380.266	1.18323
2136.304	-8106.116	1482.524	1.16788
2136.304	-8001.101	1585.142	1.16109
2136.304	-7896.086	1688.055	1.16078
2136.304	-7791.071	1791.213	1.16491
2136.304	-7686.056	1894.574	1.17115
2136.304	-7581.041	1998.108	1.17939
2136.304	-7476.026	2101.788	1.18906
2136.304	-7371.011	2205.595	1.19925
2136.304	-7265.996	2309.512	1.21070
2136.304	-7160.981	2413.523	1.22278
2136.304	-7055.966	2517.618	1.23548
2136.304	-6950.951	2621.786	1.24854
2241.856	-9051.251	547.376	1.71840
2241.856	-8946.236	644.913	1.57746
2241.856	-8841.221	744.487	1.48083
2241.856	-8736.206	845.379	1.41102
2241.856	-8631.191	947.168	1.35550
2241.856	-8526.176	1049.592	1.31303
2241.856	-8421.161	1152.483	1.27690
2241.856	-8316.146	1255.726	1.24951
2241.856	-8211.131	1359.240	1.22795
2241.856	-8106.116	1462.968	1.21589
2241.856	-8001.101	1566.868	1.21207
2241.856	-7896.086	1670.907	1.21336
2241.856	-7791.071	1775.061	1.21802
2241.856	-7686.056	1879.311	1.22506
2241.856	-7581.041	1983.641	1.23384

2241.856	-7476.026	2088.041	1.24384
2241.856	-7371.011	2192.499	1.25418
2241.856	-7265.996	2297.007	1.26587
2241.856	-7160.981	2401.560	1.27829
2241.856	-7055.966	2506.152	1.29118
2241.856	-6950.951	2610.778	1.30436
2347.408	-9051.251	601.525	2.11518
2347.408	-8946.236	704.531	1.87905
2347.408	-8841.221	720.377	1.70744
2347.408	-8736.206	824.226	1.58564
2347.408	-8631.191	928.337	1.50169
2347.408	-8526.176	1032.631	1.43377
2347.408	-8421.161	1137.057	1.38014
2347.408	-8316.146	1241.583	1.34003
2347.408	-8211.131	1346.186	1.31530
2347.408	-8106.116	1450.847	1.30272
2347.408	-8001.101	1555.557	1.29740
2347.408	-7896.086	1660.305	1.29686
2347.408	-7791.071	1765.085	1.30001
2347.408	-7686.056	1869.891	1.30566
2347.408	-7581.041	1974.719	1.31312
2347.408	-7476.026	2079.566	1.32254
2347.408	-7371.011	2184.429	1.33260
2347.408	-7265.996	2289.307	1.34351
2347.408	-7160.981	2394.196	1.35509
2347.408	-7055.966	2499.096	1.36713
2347.408	-6950.951	2604.005	1.37948
2452.960	-9051.251	765.969	2.47515
2452.960	-8946.236	782.738	2.16612
2452.960	-8841.221	799.508	1.93093
2452.960	-8736.206	904.517	1.77051
2452.960	-8631.191	1009.526	1.65942
2452.960	-8526.176	1114.537	1.57491
2452.960	-8421.161	1219.549	1.51568
2452.960	-8316.146	1236.323	1.47160
2452.960	-8211.131	1341.335	1.44109
2452.960	-8106.116	1446.348	1.42228
2452.960	-8001.101	1551.361	1.41207
2452.960	-7896.086	1656.374	1.40777
2452.960	-7791.071	1761.388	1.40693
2452.960	-7686.056	1866.402	1.40925
2452.960	-7581.041	1971.416	1.41397
2452.960	-7476.026	2076.430	1.42053
2452.960	-7371.011	2181.444	1.42847
2452.960	-7265.996	2336.354	1.43637
2452.960	-7160.981	2434.876	1.44268
2452.960	-7055.966	2533.712	1.44981
2452.960	-6950.951	2632.846	1.45774
2558.512	-9051.251	948.677	2.76438
2558.512	-8946.236	877.210	2.42867
2558.512	-8841.221	893.501	2.16141
2558.512	-8736.206	997.813	1.97741
2558.512	-8631.191	1014.287	1.81671
2558.512	-8526.176	1118.825	1.71311
2558.512	-8421.161	1223.450	1.64358
2558.512	-8316.146	1328.140	1.59513
2558.512	-8211.131	1344.778	1.56318
2558.512	-8106.116	1449.541	1.53866
2558.512	-8001.101	1554.338	1.52270
2558.512	-7896.086	1659.163	1.51305
2558.512	-7791.071	1764.011	1.50825
2558.512	-7686.056	1868.877	1.50719
2558.512	-7581.041	2034.903	1.50798
2558.512	-7476.026	2132.406	1.50872
2558.512	-7371.011	2230.277	1.51130
2558.512	-7265.996	2328.505	1.51545
2558.512	-7160.981	2427.073	1.52194

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2558.512     -7055.966     2525.969      1.53074
2558.512     -6950.951     2625.176      1.53982
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13.3 PARATIA PROVVISORIA

13.3.1 INPUT

Document Name

File Name: pk1+442_ASSE C para.sli

Project Settings

Project Title: SLIDE - An Interactive Slope Stability Program
Failure Direction: Right to Left
Units of Measurement: SI Units
Pore Fluid Unit Weight: 9.81 kN/m3
Groundwater Method: Water Surfaces
Data Output: Standard
Calculate Excess Pore Pressure: Off
Allow Ru with Water Surfaces or Grids: Off
Random Numbers: Pseudo-random Seed
Random Number Seed: 10116
Random Number Generation Method: Park and Miller v.3

Analysis Methods

Analysis Methods used:
Bishop simplified
Janbu simplified
Ordinary/Fellenius
Spencer

Number of slices: 25
Tolerance: 0.005
Maximum number of iterations: 50

Surface Options

Surface Type: Circular
Search Method: Grid Search
Radius increment: 10
Composite Surfaces: Disabled
Reverse Curvature: Create Tension Crack
Minimum Elevation: Not Defined
Minimum Depth: Not Defined

Loading

2 Distributed Loads present:
Distributed Load Constant Distribution, Orientation: Normal to boundary, Magnitude: 26 kN/m2
Distributed Load Constant Distribution, Orientation: Normal to boundary, Magnitude: 26 kN/m2

Material Properties

Material: Material 1
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3
Cohesion: 0 kPa

Friction Angle: 32 degrees
Water Surface: None

Material: Material 2
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3
Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

List of All Coordinates

Material Boundary

8506.818	3314.103
13506.818	3313.225

External Boundary

13506.818	3843.728
13172.451	4067.917
13072.102	4067.917
12682.837	4327.427
12592.433	4327.191
12577.548	4300.420
12457.547	4317.422
11330.837	4386.884
11310.837	4391.884
11187.319	4391.981
10627.961	4121.120
10537.961	4121.120
10522.961	4094.141
10407.729	4105.780
10402.960	4111.144
9153.959	4158.347
9133.887	4162.815
8903.959	4162.602
8506.818	3890.221
8506.818	3314.103
8506.818	3314.097
6345.320	3219.575
5586.218	3048.939
4991.835	2940.446
4506.818	2871.286
4506.818	314.097
13506.818	314.097
13506.818	3313.225

Focus/Block Search Line

8506.223	325.721
8506.223	2415.925

Search Grid

2479.582	4102.830
8295.301	4102.830
8295.301	9835.467
2479.582	9835.467

Distributed Load

10399.332	4111.281

9153.959 4158.347

Distributed Load
12452.966 4317.704
11330.837 4386.884

13.3.2 OUTPUT

```
Raw Data for Minimum Circle Results
Center_x      Center_y      Radius Factor_of_Safety
  2479.582      4102.830      6258.279   -1000.00000
  2479.582      4389.462      6341.550   -1000.00000
  2479.582      4676.094      6436.518   -1000.00000
  2479.582      4962.726      6542.675   -1000.00000
  2479.582      5249.357      6659.485   -1000.00000
  2479.582      5535.989      6786.399   -1000.00000
  2479.582      5822.621      6922.859   -1000.00000
  2479.582      6109.253      7068.315   -1000.00000
  2479.582      6395.885      7222.222   -1000.00000
  2479.582      6682.517      7384.051   -1000.00000
  2479.582      6969.149      7553.294   -1000.00000
  2479.582      7255.780      7729.463   -1000.00000
  2479.582      7542.412      7912.097   -1000.00000
  2479.582      7829.044      8100.757   -1000.00000
  2479.582      8115.676      8295.032   -1000.00000
  2479.582      8402.308      8494.538   -1000.00000
  2479.582      8688.940      8698.915   -1000.00000
  2479.582      8975.571      8907.826   -1000.00000
  2479.582      9262.203      9120.961   -1000.00000
  2479.582      9548.835      9338.030   -1000.00000
  2479.582      9835.467      9558.766   -1000.00000
  2770.368      4102.830      5978.770   -1000.00000
  2770.368      4389.462      6065.879   -1000.00000
  2770.368      4676.094      6165.095   -1000.00000
  2770.368      4962.726      6275.845   -1000.00000
  2770.368      5249.357      6397.529   -1000.00000
  2770.368      5535.989      6529.536   -1000.00000
  2770.368      5822.621      6671.253   -1000.00000
  2770.368      6109.253      6822.075   -1000.00000
  2770.368      6395.885      6981.412   -1000.00000
  2770.368      6682.517      7148.695   -1000.00000
  2770.368      6969.149      7323.379   -1000.00000
  2770.368      7255.780      7504.947   -1000.00000
  2770.368      7542.412      7692.913   -1000.00000
  2770.368      7829.044      7886.818   -1000.00000
  2770.368      8115.676      8086.235   -1000.00000
  2770.368      8402.308      8290.767   -1000.00000
  2770.368      8688.940      8500.044   -1000.00000
  2770.368      8975.571      8713.725   -1000.00000
  2770.368      9262.203      8931.493   -1000.00000
  2770.368      9548.835      9153.056   -1000.00000
  2770.368      9835.467      9378.147   -1000.00000
  3061.154      4102.830      5700.389   -1000.00000
  3061.154      4389.462      5791.686   -1000.00000
  3061.154      4676.094      5895.519   -1000.00000
  3061.154      4962.726      6011.237   -1000.00000
  3061.154      5249.357      6138.169   -1000.00000
  3061.154      5535.989      6275.634   -1000.00000
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8295.301	6109.253	3699.346	3.20245
8295.301	6395.885	3985.545	3.20912
8295.301	6682.517	4271.802	3.22655
8295.301	6969.149	4558.106	3.25148
8295.301	7255.780	4844.449	3.28189
8295.301	7542.412	5130.824	3.31628
8295.301	7829.044	5417.227	3.35357
8295.301	8115.676	5703.652	3.39357
8295.301	8402.308	5990.097	3.43294
8295.301	8688.940	6276.559	3.47528
8295.301	8975.571	6563.036	3.52499
8295.301	9262.203	6849.526	3.58060
8295.301	9548.835	7136.028	3.64131
8295.301	9835.467	7422.539	3.70609