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 SICILIA	SS0428_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	TOMBINO SCATOLARE PK 1+391 (ASSE ME) - RELAZIONE DI CALCOLO	

CODICE: C G 0 7 0 0 | P | C L | D | S | S C | 0 0 | G 0 | 0 0 | 0 0 | 0 0 | 0 1 | F0

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

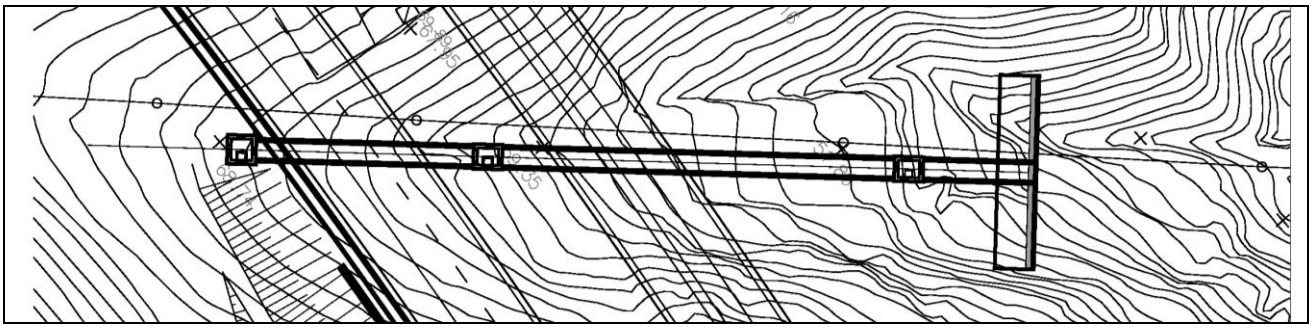
NOME DEL FILE: SS0428_F0.doc

revisione interna: 2

INDICE

PREMESSA

La presente relazione di calcolo riporta e commenta i dati ed i risultati relativi all'opera "*Tombino scatolare pk 1+391 (Asse Me)*", opera inquadrata nel Progetto Definitivo del Ponte sullo Stretto di Messina per la realizzazione della viabilità di connessione al Ponte.



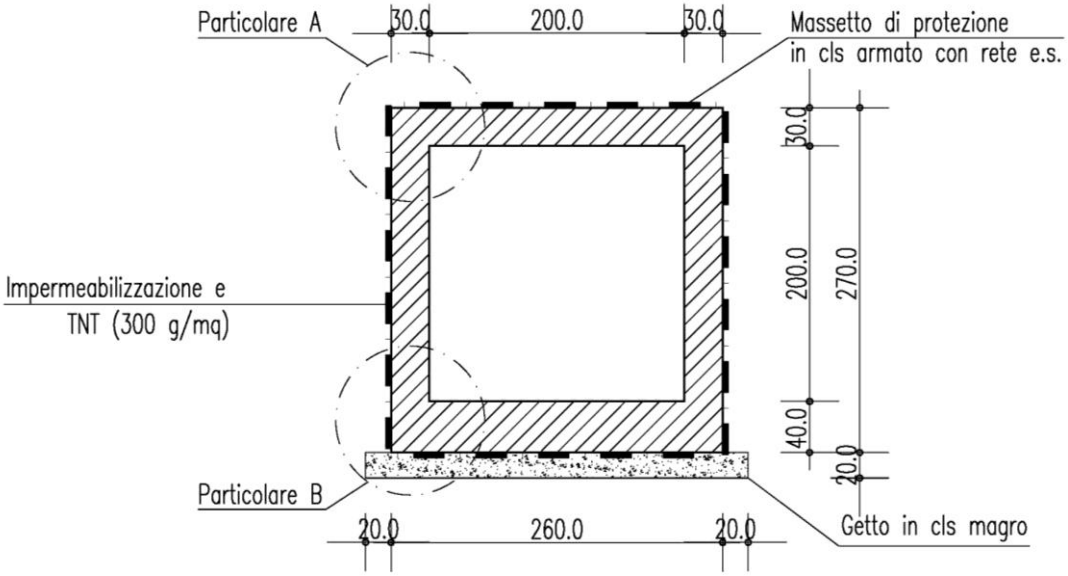
Stralcio planimetrico dell'opera

Si riassumono brevemente le principali caratteristiche geometriche dello scatolare:

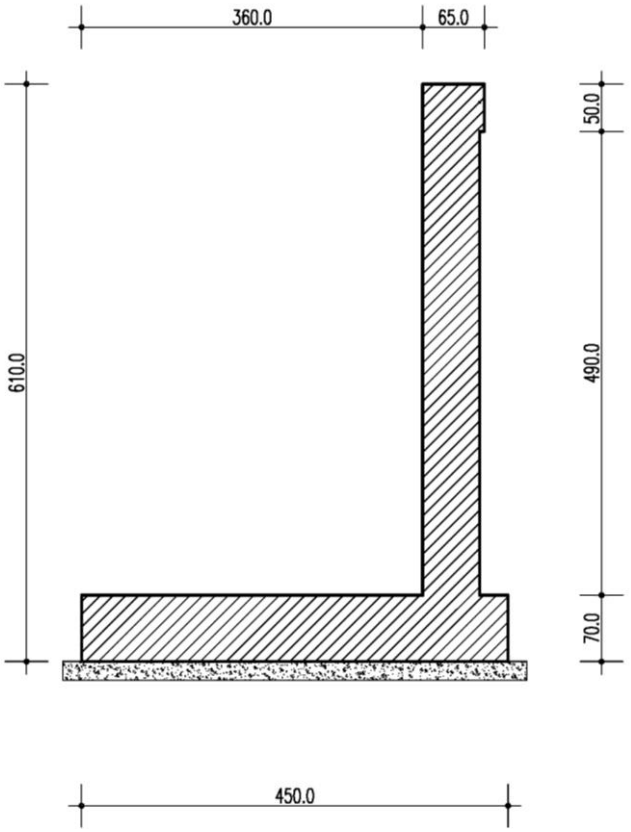
Larghezza interna	2.00 m
Altezza interna	2.00 m
Spessore soletta	0.30 m
Spessore controsoletta	0.40 m
Spessore piedritti	0.30 m
Spessore del ricoprimento (di calcolo)	8.90 m

A valle dell'opera vi è un muro di sostegno con altezza pari a 5.10 m, ciabatta di fondazione di lunghezza pari a 4.50 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.

Nell'illustrazione seguente si riporta la sezione trasversale dello scatolare e del muro:



Sezione trasversale tombino



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

- Lancellotta R.
  Geotecnica
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- Migliacci A., Mola F.
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  Estimation of overall settlement of piled rafts
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  1993
- Terzaghi K.
  Theoretical Soil Mechanics
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  Ulrico Hoepli Editore - 1987
- Puller M.
  Deep excavations: a pratical manual
  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".
- **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)	σ_c	=	$0.60\ f_{ck}$	=	19.92	N/mm^2
Massima compressione (Comb. Q.P.)	σ_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)	σ_c	=	$0.60\ f_{ck}$	=	14.94	N/mm^2
Massima compressione (Comb. Q.P.)	σ_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)	σ_c	=	$0.60\ f_{ck}$	=	19.92	N/mm^2
Massima compressione (Comb. Q.P.)	σ_c	=	$0.45\ f_{ck}$	=	14.94	N/mm^2

4.4 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:

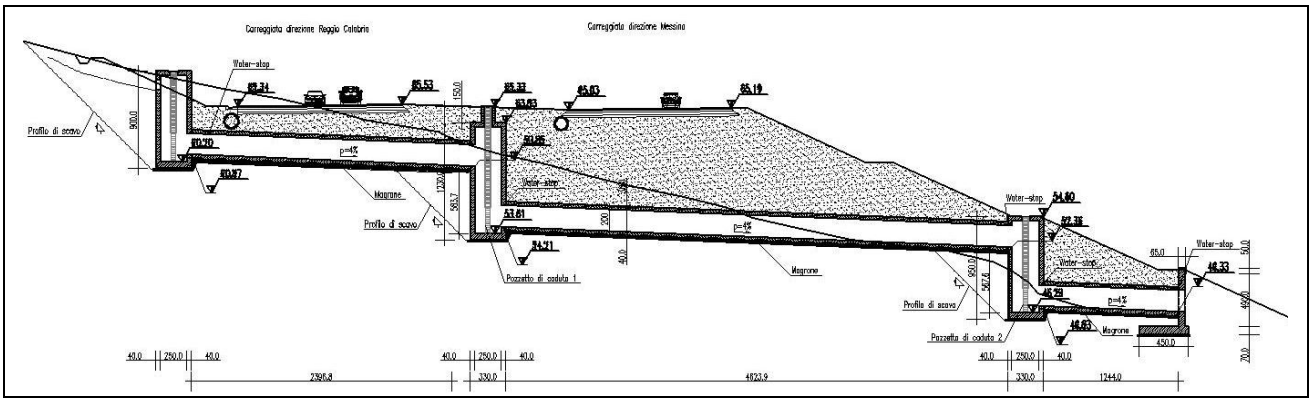
Coeff. parziale di sicurezza	γ_s	=	-	=	1.15	-
Resistenza a trazione di calcolo	f_{yd}	=	f_{yk}/γ_s	=	391.30	N/mm^2

Resistenze di calcolo a SLE:

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

5 DESCRIZIONE DELLA STRUTTURA E DEL LUOGO

L'opera in progetto consiste nella realizzazione di un tombino scatolare idraulico 200×200cm, ubicato alla progressiva km 1+391 dell'asse Me in progetto; il nuovo tombino dovrà garantire la continuità idraulica sotto le due carreggiate della nuova tratta Reggio Calabria-Messina.



Profilo - Nuove opere in progetto

5.1 CARATTERISTICHE GEOMETRICHE E UBICAZIONE DELLA STRUTTURA

Partendo da monte (in fregio alla carreggiata direzione Reggio Calabria), la nuova opera si compone dei seguenti elementi:

- Un manufatto d'imbocco in c.a. gettato in opera di dimensioni interne in pianta 250×250cm, realizzato in fregio alla carreggiata direzione Reggio Calabria;
- Un tombino scatolare idraulico in c.a. gettato in opera di dimensioni interne nette 200×200cm, pendenza longitudinale del 4% e sviluppo totale pari a circa 25.70m per garantire la continuità idraulica sotto il rilevato della carreggiata direzione Reggio Calabria;
- Un pozzetto di caduta in c.a. gettato in opera di dimensioni interne in pianta 200×250cm, realizzato tra le due carreggiate in progetto;
- Un tombino scatolare idraulico in c.a. gettato in opera di dimensioni interne nette 200×200cm, pendenza longitudinale del 4% e sviluppo totale pari a circa 46.30m per garantire la continuità idraulica sotto il rilevato della carreggiata direzione Messina;
- Un pozzetto di caduta in c.a. gettato in opera di dimensioni interne in pianta 200×250cm, realizzato sulla banca centrale del rilevato direzione Messina;
- Un tombino scatolare idraulico in c.a. gettato in opera di dimensioni interne nette 200×200cm, pendenza longitudinale del 4% e sviluppo totale pari a circa 12.40m per garantire la continuità idraulica sotto la parte terminale del rilevato direzione Messina;
- Un muro di sostegno in c.a. gettato in opera per il sostegno del rilevato della carreggiata direzione Messina: la sezione trasversale del muro si compone di un'elevazione di dimensioni 540×60cm e di una ciabatta di fondazione di dimensioni 450×70cm; lo sviluppo totale in pianta è pari a 22.60m. L'elevazione del muro verrà in parte sagomata per permettere la continuità idraulica nei pressi della parte terminale del tombino.

La solidarizzazione tra i tratti del tombino e i vari manufatti (pozzetti di caduta e manufatto d'imbocco) verrà realizzata con barre in acciaio ad aderenza migliorata annegate nei getti mentre la tenuta idraulica verrà assicurata dall'utilizzo di appositi giunti water-stop. Inoltre lo scatolare verrà adeguatamente impermeabilizzato esternamente con una guaina in PVC protetta da un doppio strato di TNT.

5.2 CARATTERIZZAZIONE GEOTECNICA

Descrizione delle litologie

Le litologie presenti sono le Sabbie e Ghiaie di Messina e i Depositi Terrazzati Marini.

La litologia prevalente è costituita dalla formazione delle Sabbie e Ghiaie di Messina.

I materiali in oggetto sono granulometricamente descritti come ghiaie e ciottoli da sub arrotondati ad appiattiti con matrice di sabbie grossolane.

Si rilevano strati di ghiaie cementate, come si evidenzia nei rilievi effettuati nelle aree di imbocco della galleria stradale Faro Superiore; in questi rilievi la ghiaia si presenta più o meno debolmente cementata e molto addensata. Lo scheletro si presenta costituito da ghiaie e ciottoli eterometrici arrotondati ed appiattiti.

I Depositi Terrazzati Marini sono invece 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.

La falda non risulta interferente con le opere, come si evince dai seguenti elaborati di progetto:

Codice	Titolo del documento
CG0800PRBDSSBC8G000000001	Relazione geotecnica generale versante Sicilia
CG0800PRGDSSBC6G000000003	Relazione idrogeologica
CG0800PN5DSSBC6G000000009-10-11-12	Carta idrogeologica versante Sicilia
CG0800PF6DSSBC6ST00000001-02-03-04-05-21-22-23-24	Profilo geologico-geotecnico Tracciato stradale - Direzione Reggio Calabria
CG0800PF6DSSBC6ST00000011-12-13-14-15-25-26-27-28	Profilo geologico-geotecnico Tracciato stradale - Direzione Messina

Indagini previste

Data l'esiguità delle prove (S408), si è scelto di tenere conto anche delle prove effettuate nei sondaggi utilizzati per caratterizzare la zona dell'ancoraggio della tratta stradale e ferroviaria da 0 ad 1+0 km.

I sondaggi di riferimento per la presente tratta sono S9 (campagna del 1984), S13 (campagna del

1987), AS-BH4, SPT8-AS, DMT1-AS, DMT2-AS (campagna del 1988), S102pz, S103pz e S104pz (campagna del 1992), SPPS00 e SPPS09 (campagna del 2002), S407,S408,S408bis, S409, S409bis, S411, ASLPT2508, ASCH1501, ASLPT3503, ASLPT3506, ASCH1504 (campagna del 2010).

Data l'esiguità di indagini che raggiungano i primi 30 m di profondità per la caratterizzazione sismica del suolo, alla zona in esame si assegna cautelativamente la categoria di suolo sismico (secondo N.T.C. 2008) di classe **C**.

Le prove localmente utilizzate nella caratterizzazione sono:

Sabbie e Ghiaie di Messina

- Prove granulometriche (sondaggio SPPS00 e SPPS09) ;
- SPT (sondaggi S9, S408, S409, S409bis, S411, SPPS00 ,SPPS09, ASLPT2508, ASCH1501, ASLPT3503, ASLPT3506, ASCH1504, SPT8-AS, S102pz,S103pz, S104pz) ;
- prove sismiche in foro (S408, SPPS00, SPPS02, S108pz, BH4-AS, ASCH1504, ASCH1501) ;
- prove pressiometriche (sondaggi S409);
- prove dilatometriche (S408, DMT1-AS, DMT2-AS) ;
- 6 prove Le Franc (sondaggi S408, S409).

Depositi terrazzati marini

- Prove granulometriche (sondaggio S411, da PE101 a PE109) ;
- SPT (sondaggio S409) ;
- 1 prova Down Hole (sondaggio ASCH1504) ;
- 1 prova dilatometrica (DMT2-AS).

Sabbie e Ghiaie di Messina

In questa tratta la formazione si presenta, dalle prove SPT analizzate, in egual misura composta da sabbie e ghiaie con densità relative che sembrerebbero diminuire con la profondità mostrando uno stato di addensamento medio.

Con riferimento al fuso medio (155 prove granulometriche) si ha che: d50=2.2mm, d60=4mm e d10=0.03mm. Le percentuali medie di ghiaia, sabbia e limo sono rispettivamente di 51%, 36%, 11%.

- **Dr:** I valori di N_{spt} sono stati corretti con il fattore correttivo C_{sg}=0.55 corrispondente al d50=2.2mm
- **e_o:** a partire dal d50 stimato si ottiene di e_{max}-e_{min} pari a 0.26, non dissimile dai valori reperibili in letteratura (0.17<e_{max}-e_{min}<0.29) Stimando per e_{max} un valore pari a 0.7 a partire dai valori di Dr è stato possibile determinare i valori di **e_o** in sito.
- **γ_d :** in base a tali valori di **e_o** e da γ_s si può stimare γ_d**,** =18-20KN/m3
- **K_0:** si considera la relazione di Mesri (1989) per tenere conto degli effetti di "aging".

I primi 20 m sembrerebbero maggiormente addensati soprattutto nella porzione sabbio-ghiaiosa, probabilmente a causa dell'influenza del grado di sovraconsolidazione che ha caratterizzato alcune zone erose e/o del debole grado di cementazione.

Per i <u>parametri di resistenza</u> si ha:

z(m)	Dr(%) sabbie e ghiaie	$\phi'_{p\ (pff=0-272KPa)}$ (°)	ϕ'_{cv} (°)	K_0
0-20	40-70	38-42	33-35	0.45-0.5
>20	35-60	37-39	33-35	0.45-0.5

Come parametri operativi per l'angolo d'attrito si utilizzerà **ϕ'** =38-40.

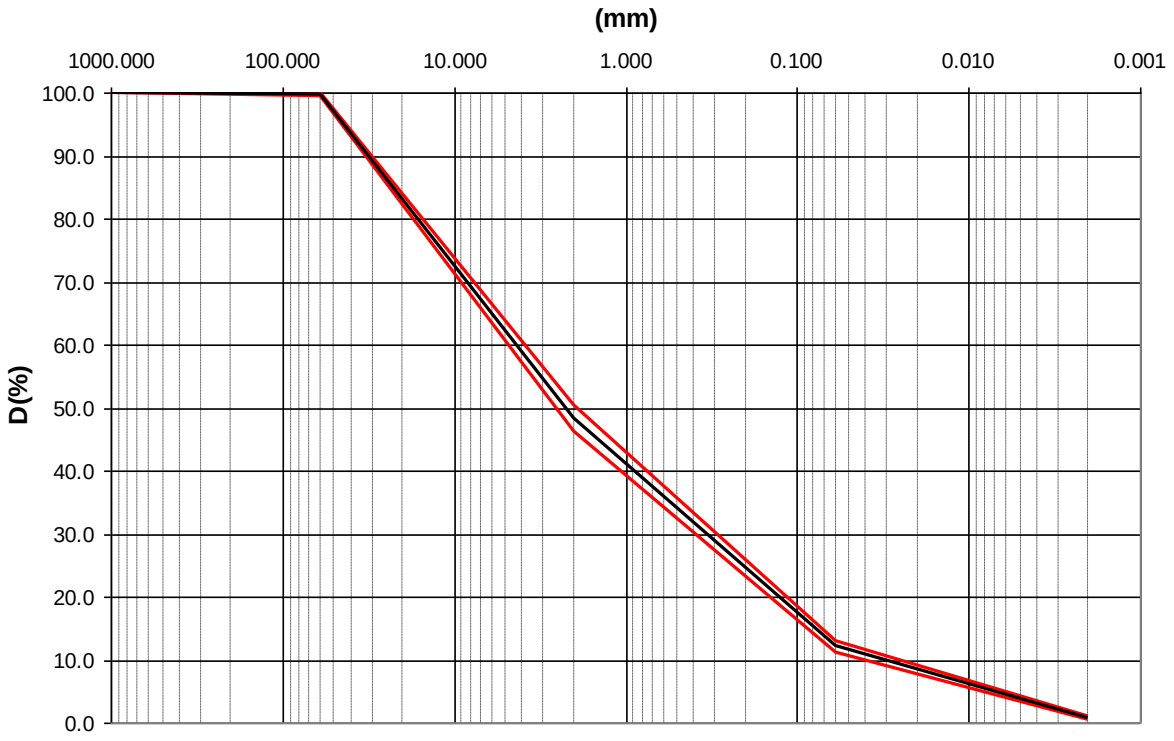
<u>I parametri di deformabilità</u> ricavabili dall'interpretazione delle prove sismiche in foro presentano una grande dispersione anche nell'ambito del medesimo contesto (da 300m/s ad oltre 800m/s).
Valori generalmente crescenti con la profondità si sono registrati nelle sismiche in foro ASCH1504 e ASCH1501 che comunque hanno evidenziato valori localmente molto variabili, non sempre correlabili, in base ai dati ricavabili dalle colonne stratigrafiche, con la variazione granulometrica; ad esempio nei primi 15m÷20m le Vs appaiono maggiori di quelle misurate fino a 30-35m di profondità, e risultano mediamente pari a circa 400m/s, in analogia a quanto rilevabile dai maggiori valori di densità relativa.
La variabilità locale rende una correlazione delle Vs sismiche con quelle ricavate dalle correlazioni di prove SPT alquanto difficoltosa; si ottiene comunque una buona correlazione con i valori medi o minimi delle Vs sismiche (tranne che nel caso della sismica ASCH1504) per profondità tra 20 e 50m.

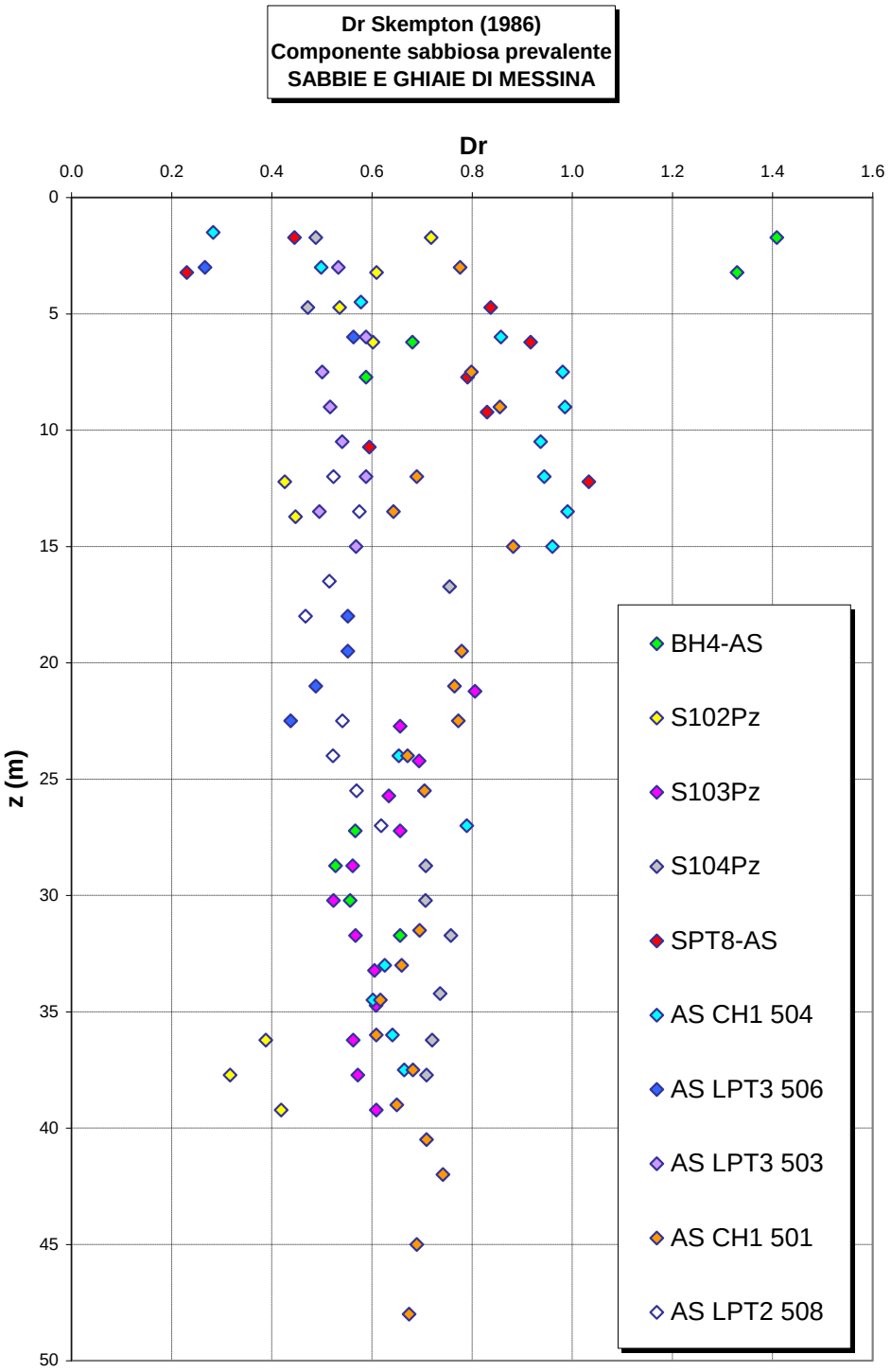
Una stima dei moduli, considerando anche l'esito delle prove sismiche è riportata in tabella.

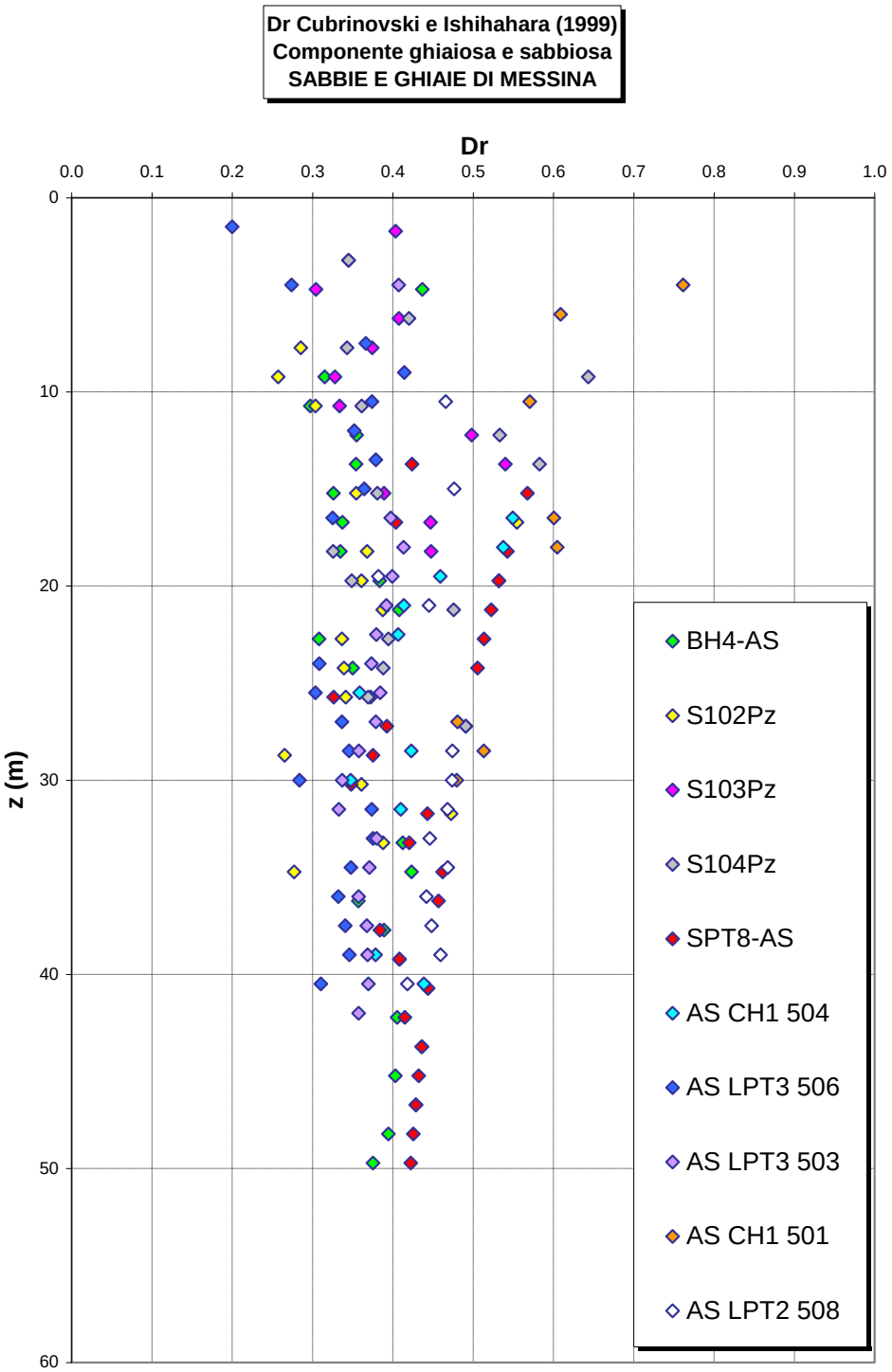
z(m)	G_0(MPa)	E_0(MPa)	E'(MPa)
0-20	200-400	480-960	65-160 / 128-320
20-50	G_0= 25 $z^{0.64}$	E_0= 60 $z^{0.64}$	9-23 $z^{0.64}$

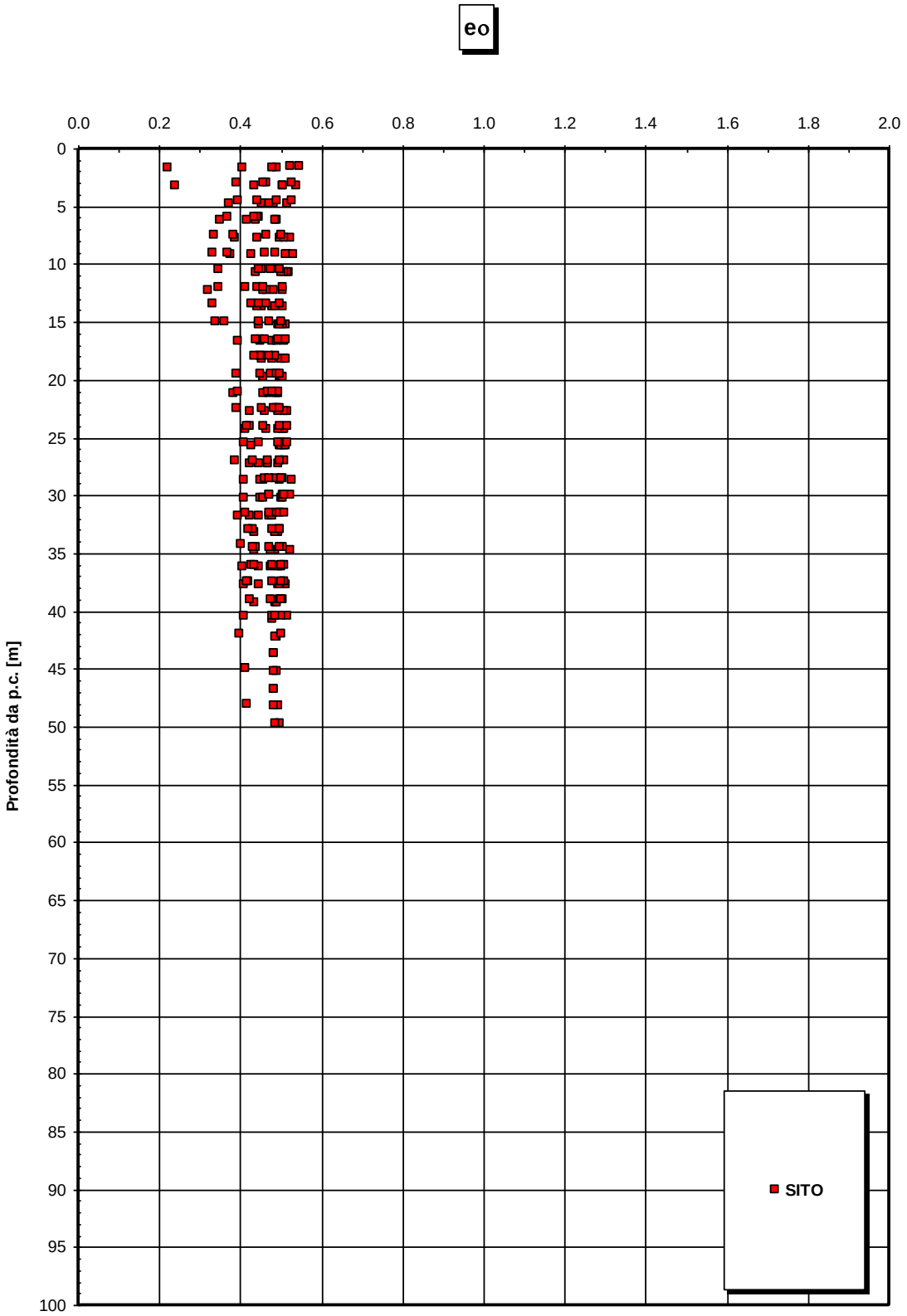
Le prove pressiometriche forniscono valori molto discordanti (S408, ramo di scarico e ricarico, E'=170 MPa e 300 MPa a 26 e a 34m di profondità e circa 400MPa in S409 contro il range 30-100 MPa nelle dilatometriche DMT1AS e DMT2AS) .

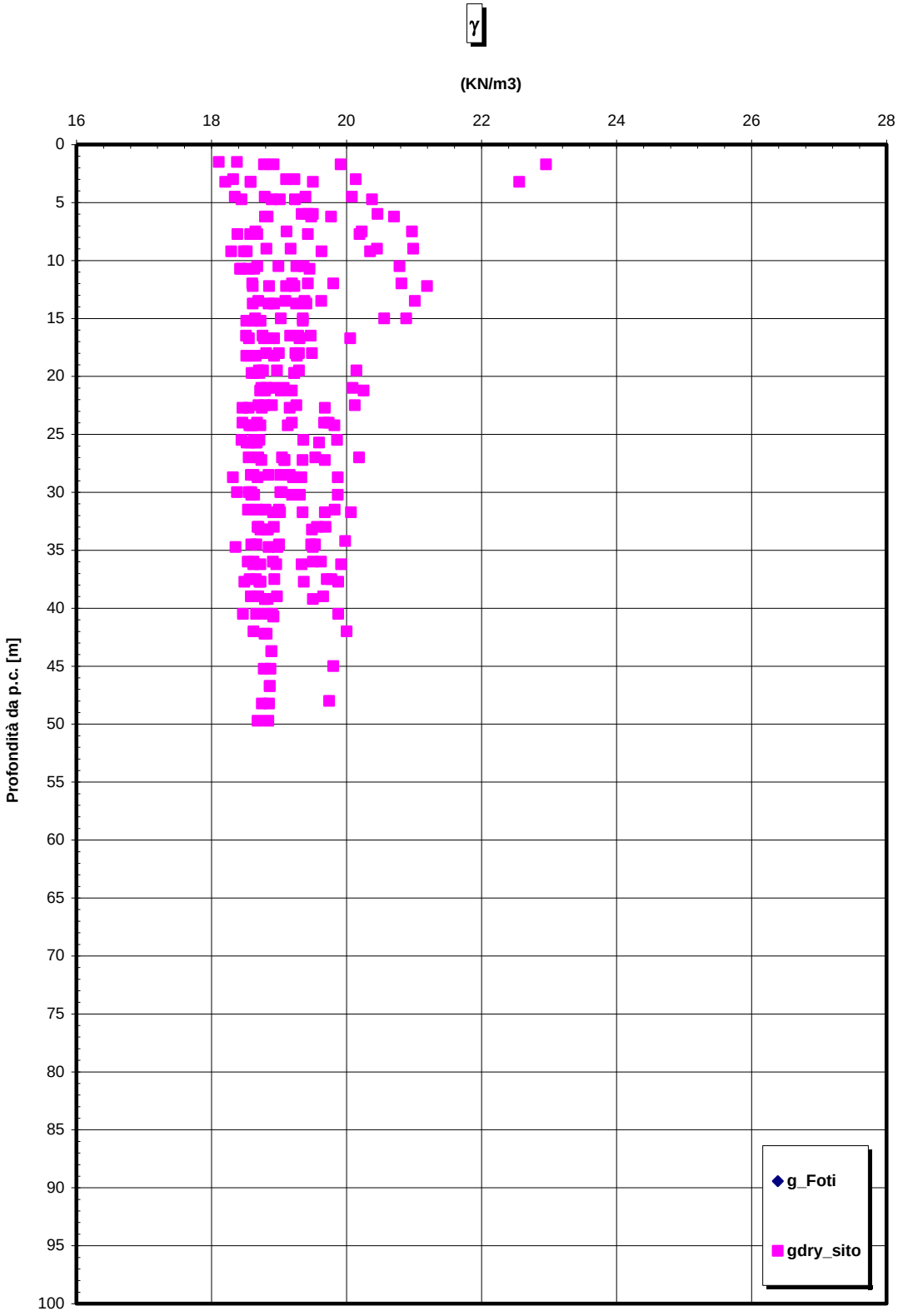
Sabbie e Ghiaie di Messina

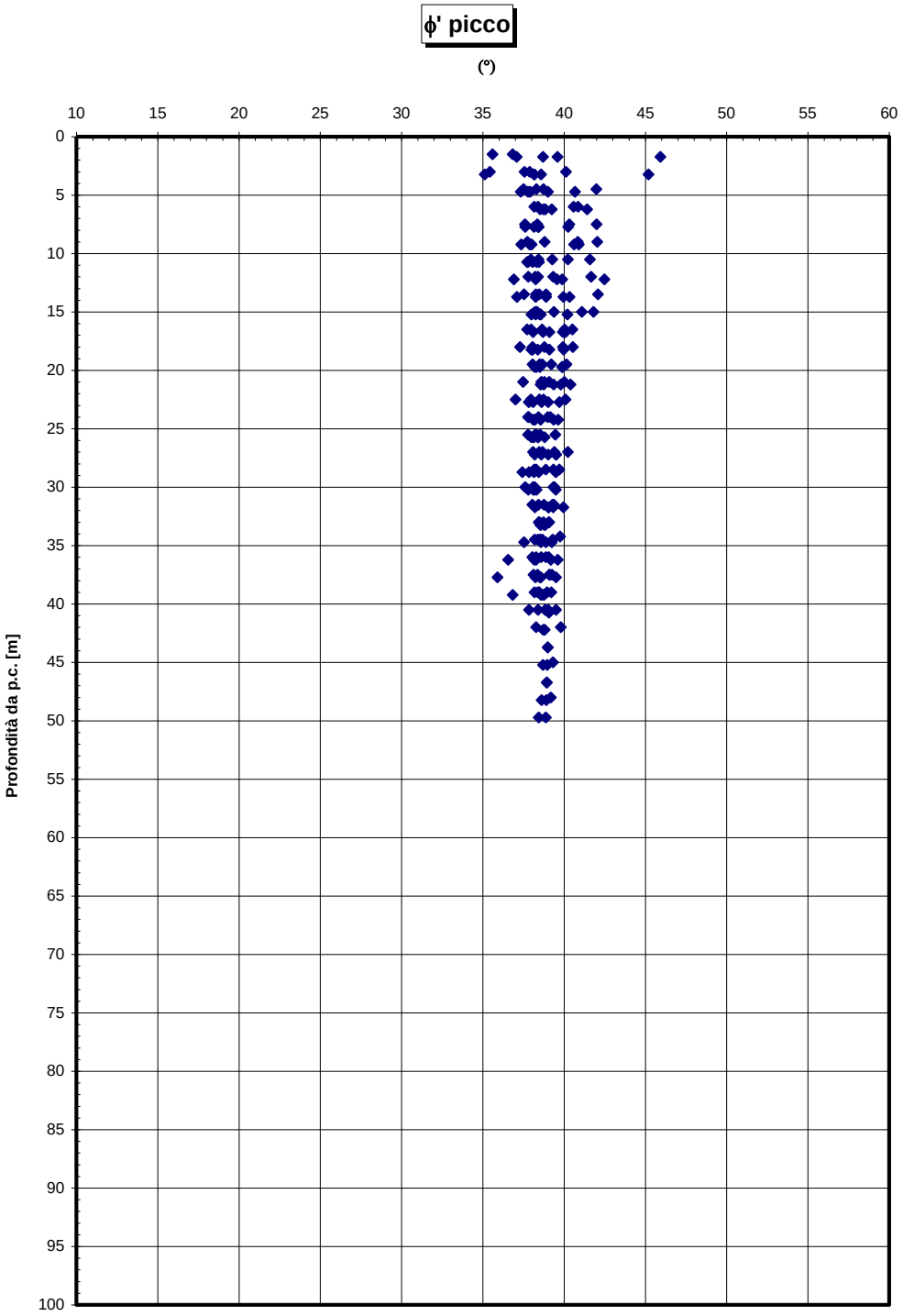


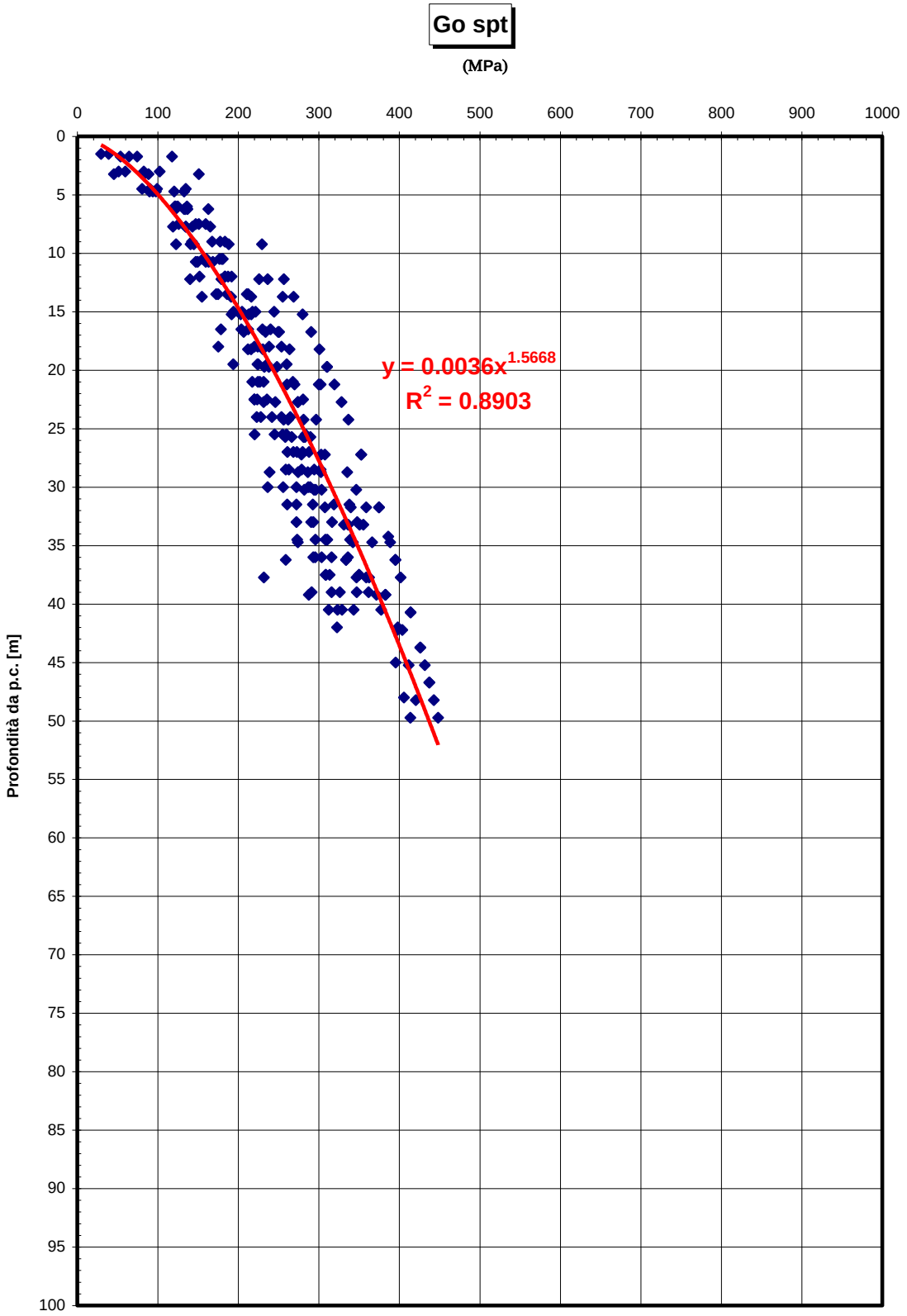

Dr Skempton (1986)
Componente sabbiosa prevalente
SABBIE E GHIAIE DI MESSINA
Dr
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
z (m)
0
5
10
15
20
25
30
35
40
45
50
BH4-AS
S102Pz
S103Pz
S104Pz
SPT8-AS
AS CH1 504
AS LPT3 506
AS LPT3 503
AS CH1 501
AS LPT2 508

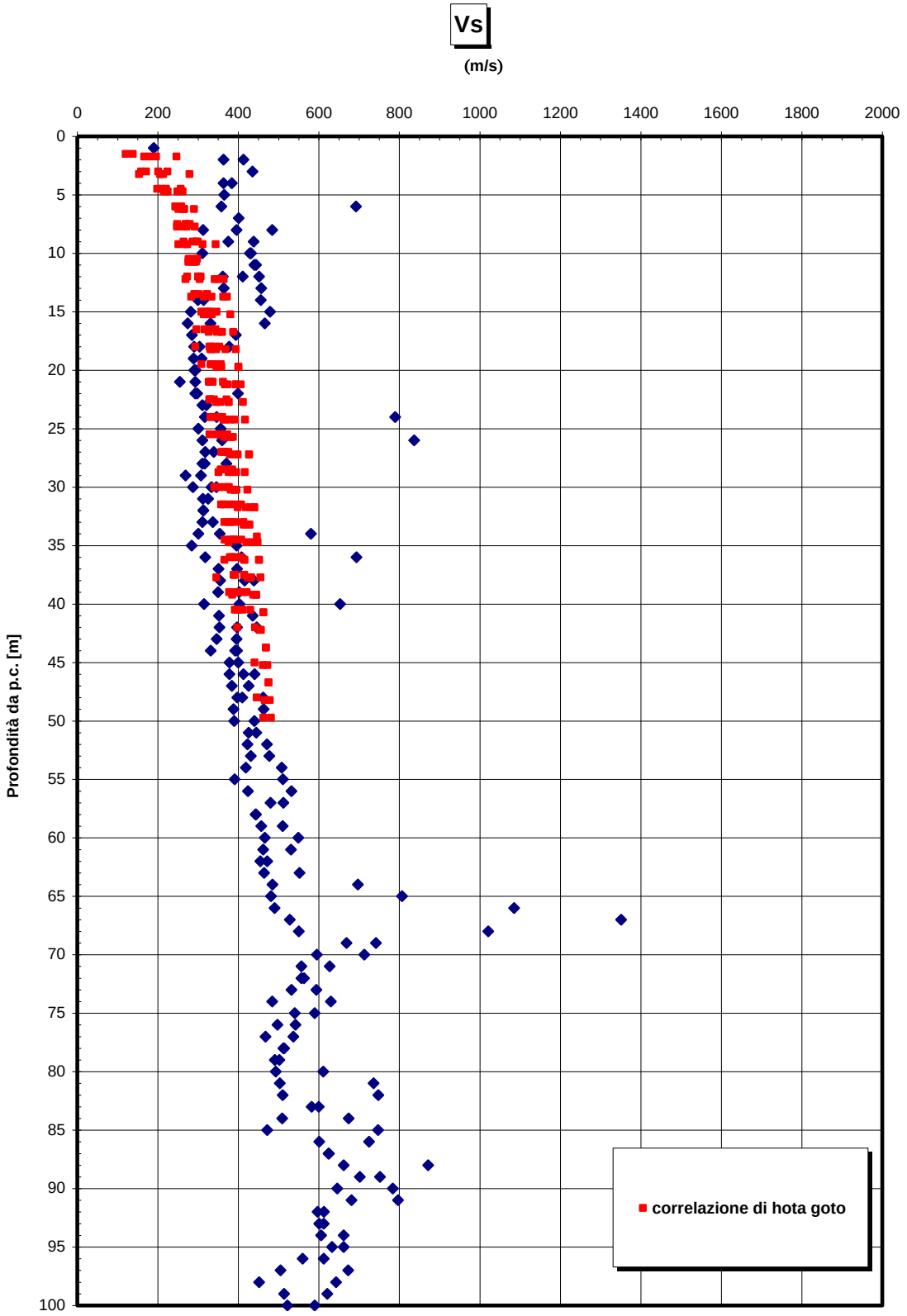

Dr Cubrinovski e Ishihahara (1999)
Componente ghiaiosa e sabbiosa
SABBIE E GHIAIE DI MESSINA
Dr
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
z (m)
0
10
20
30
40
50
60
BH4-AS
S102Pz
S103Pz
S104Pz
SPT8-AS
AS CH1 504
AS LPT3 506
AS LPT3 503
AS CH1 501
AS LPT2 508

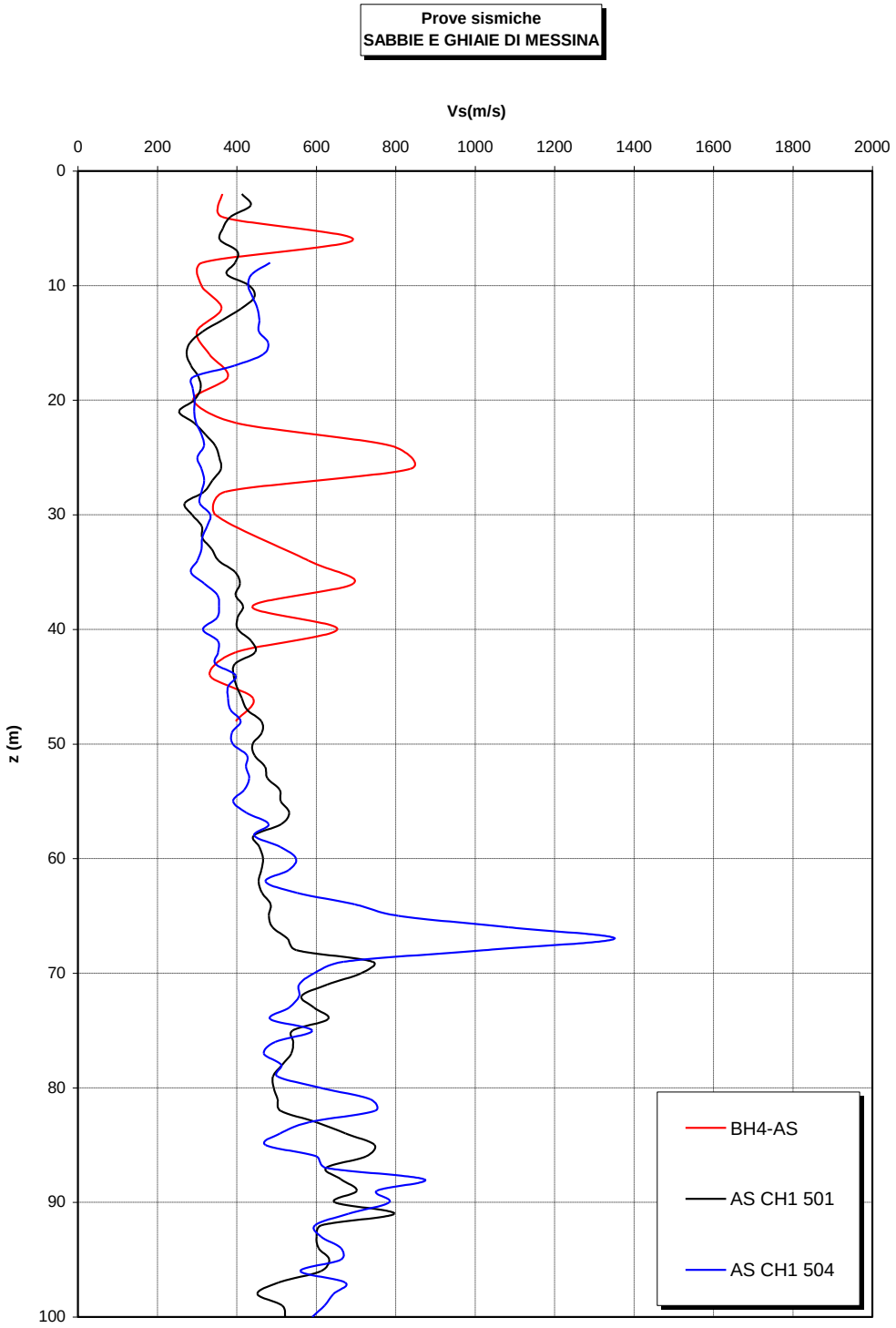

eo
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
Profondità da p.c. [m]
SITO


γ
(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_sito

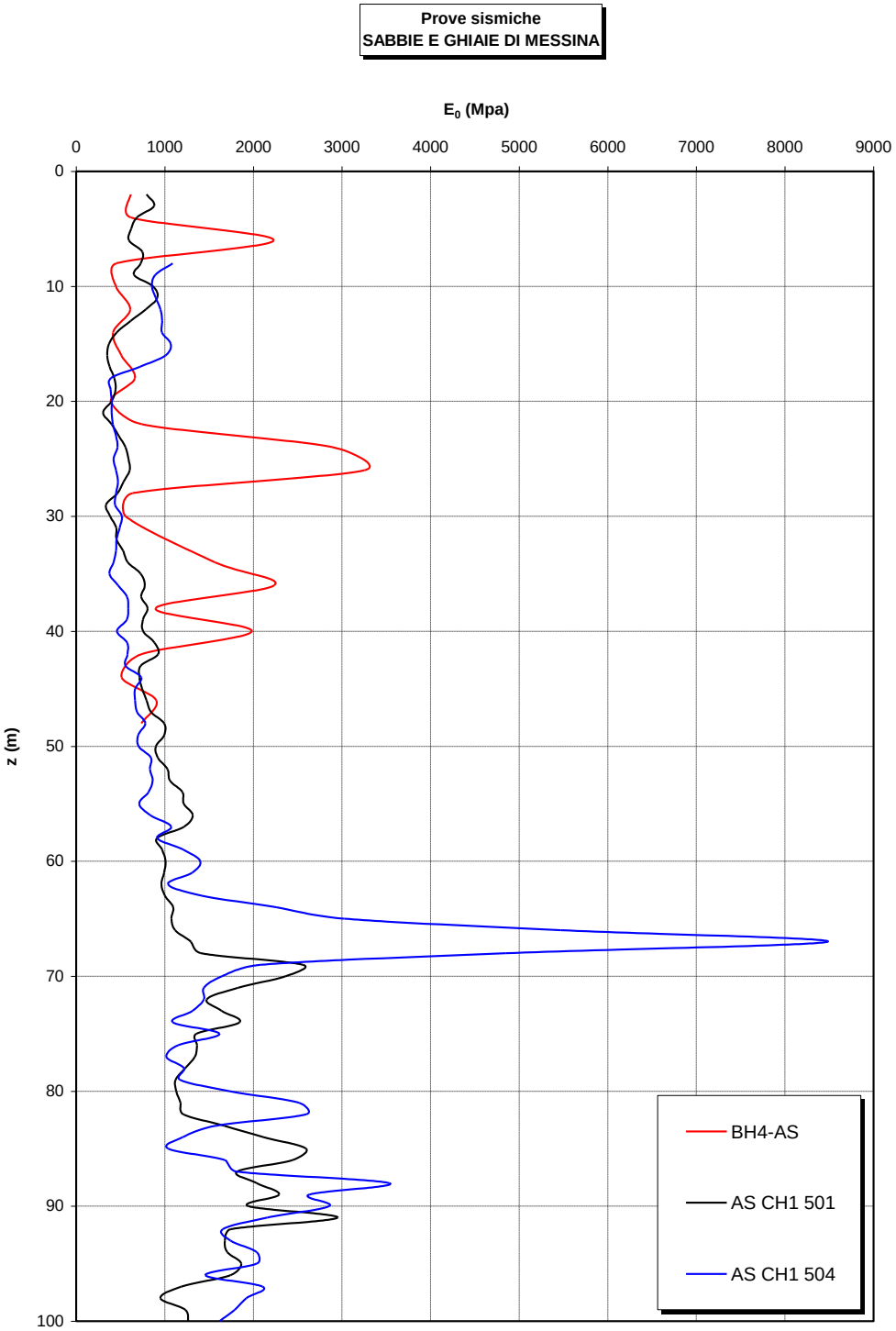

ϕ' picco
(°)
10
15
20
25
30
35
40
45
50
55
60
Profondità da p.c. [m]
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100


Go spt
(MPa)
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 = 0.0036x^1.5668
R^2 = 0.8903


Vs
(m/s)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
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
correlazione di hota goto

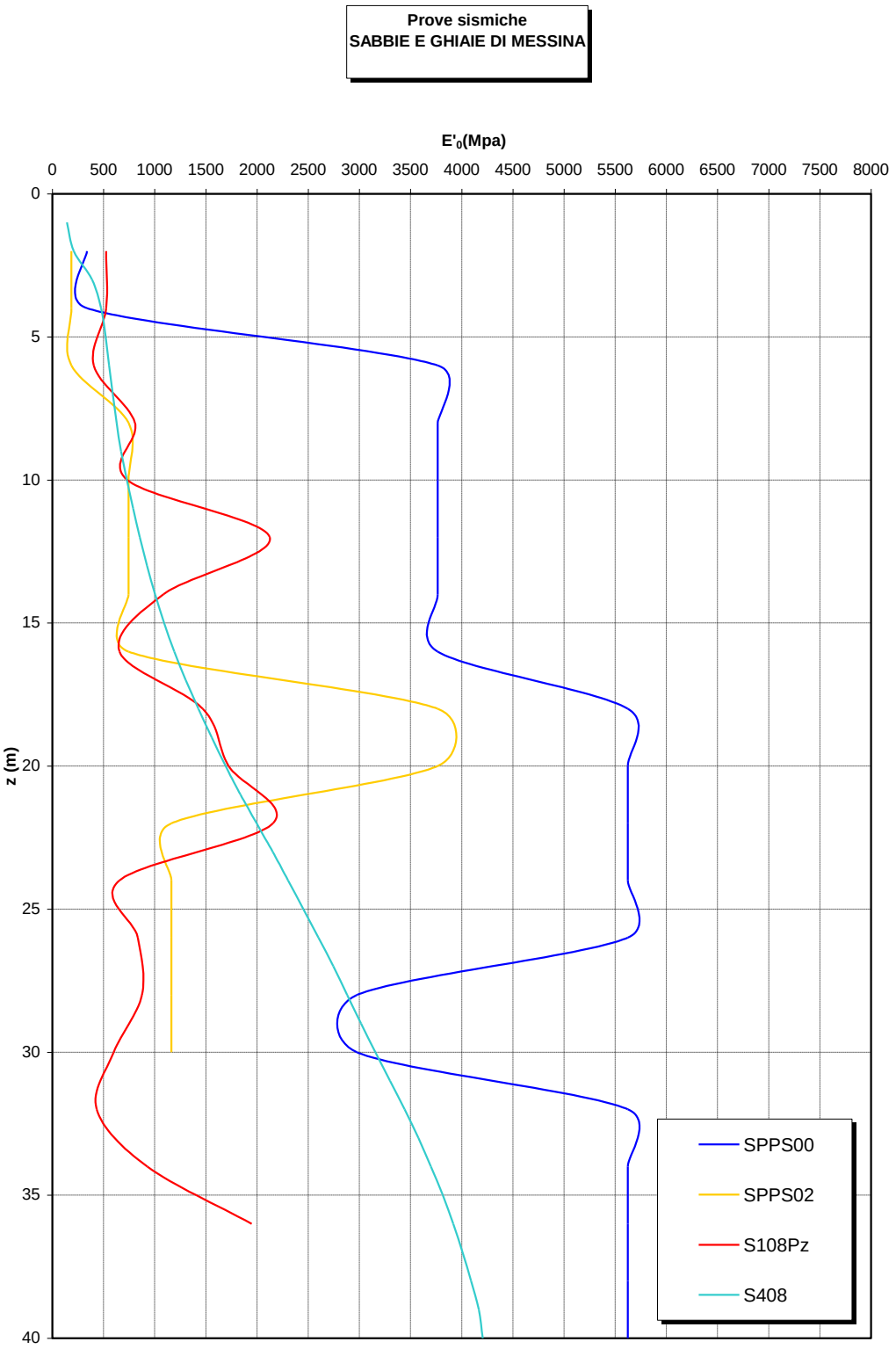


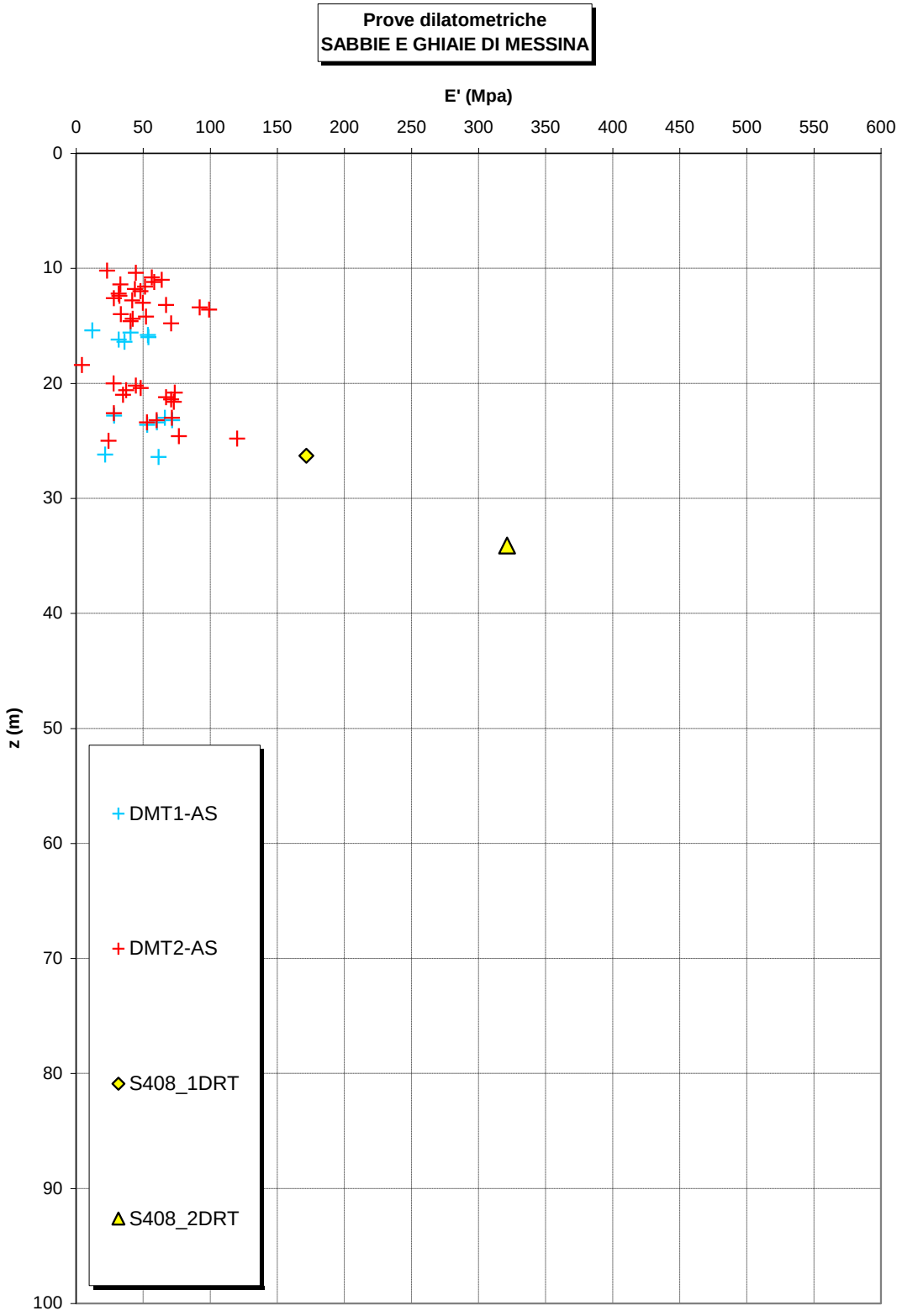
Zona dell'ancoraggio del ponte



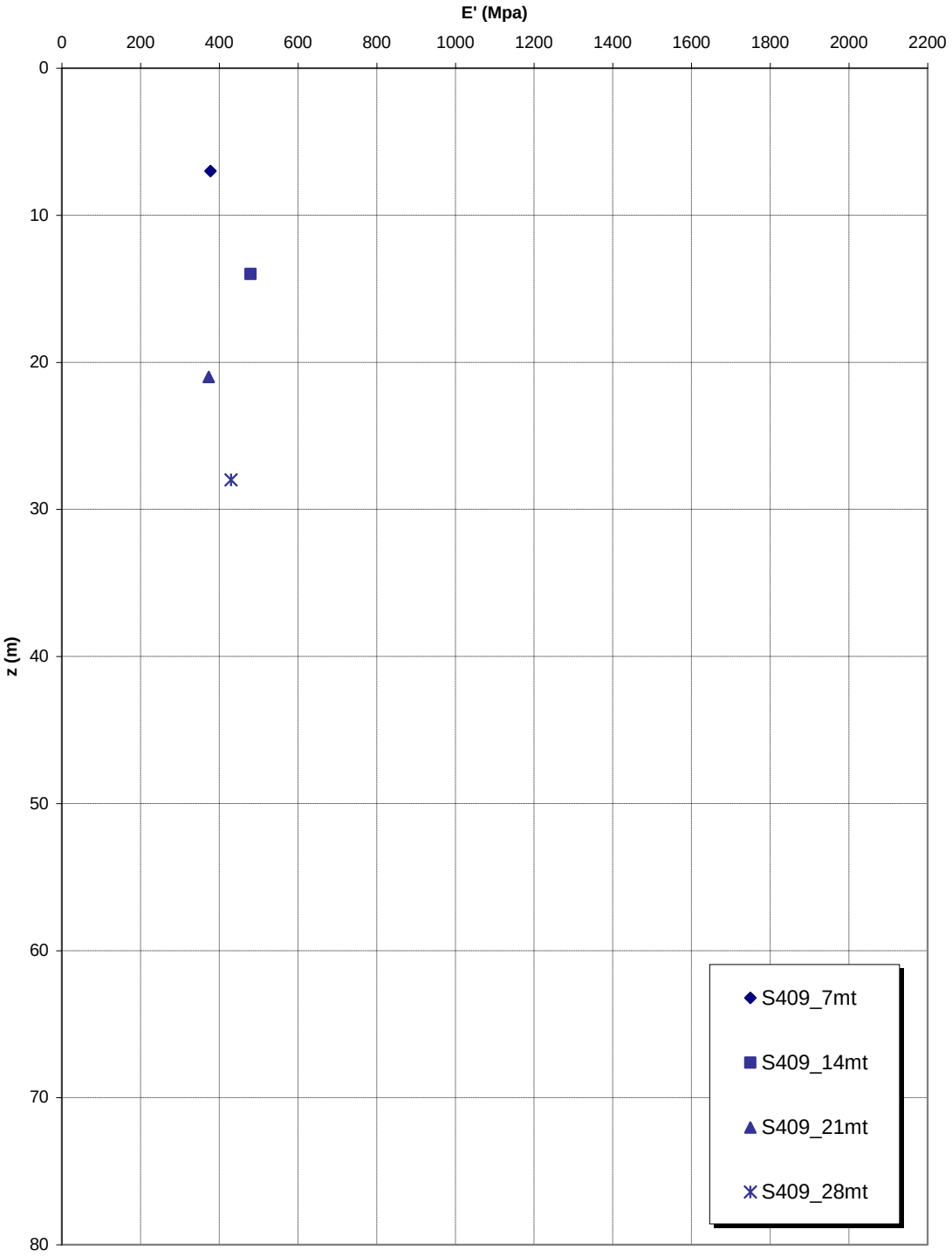
Zona dell'ancoraggio del ponte


Prove sismiche
SABBIE E GHIAIE DI MESSINA
Vs(m/s)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
z (m)
0
5
10
15
20
25
30
35
40
SPPS00
SPPS02
S108Pz
S408


Prove sismiche
SABBIE E GHIAIE DI MESSINA
E'0(Mpa)
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000
z (m)
0 5 10 15 20 25 30 35 40
SPPS00
SPPS02
S108Pz
S408


Prove dilatometriche
SABBIE E GHIAIE DI MESSINA
E' (Mpa)
0
50
100
150
200
250
300
350
400
450
500
550
600
z (m)
0
10
20
30
40
50
60
70
80
90
100
DMT1-AS
DMT2-AS
S408_1DRT
S408_2DRT

Prove pressiometriche
SABBIE E GHIAIE DI MESSINA



Depositi terrazzati marini

Per la definizione delle categorie di suolo si rimanda all'Elab. CG0800PRBDSSBC8G000000001A ed alla relazione sismica di riferimento.

In presenza di un esiguo numero di indagini locali per le caratteristiche granulometriche si fa riferimento alla caratterizzazione generale:

- Il valore di $\mathbf{D_{50}}$ è pari a 0.8 mm
- Il valore di $\mathbf{D_{60}}$ è pari a 2 mm
- Il valore di $\mathbf{D_{10}}$ è pari a 0.01 mm

Le percentuali medie di ghiaia, sabbia e limo e argilla sono rispettivamente di 39%, 45%, 12% e 8%.

Il peso di volume dei grani medio γ_s è risultato pari a circa 26 kN/m^3.

Per quanto concerne stato iniziale e parametri di resistenza si ha:

- **Dr:** I valori di N_{spt} sono stati corretti con il fattore correttivo C_{sg}=0.75 corrispondente al d50=0.8mm,
- **e_o:** a partire dal d50 stimato si ottiene di e_{max}-e_{min} pari a 0.36 stimando per e_{max} un valore pari a 0.8 a partire dai valori di Dr è stato possibile determinare i valori di $\mathbf{e_o}$ in sito. Si ottiene il valore di $\mathbf{e_o}$ pari a 0.5-0.7.
- **γd :** si ottiene un pari a 17-19 KN/m3.
- **K_0:** si considera la relazione di Jaky.

z(m)	Dr(%) Sabbie	$\phi'_{p\ (pff=0-272KPa)}$ (°)	ϕ'_{cv} (°)	K_0
0-10	60-80	38-40	35-37	0.4-0.35

Come parametri operativi per l'angolo d'attrito si utilizzerà ϕ' =38-40.

Per i parametri di deformabilità non si hanno localmente a disposizione prove sismiche dalle quali ricavare leVs, e di conseguenza i parametri di deformabilità.

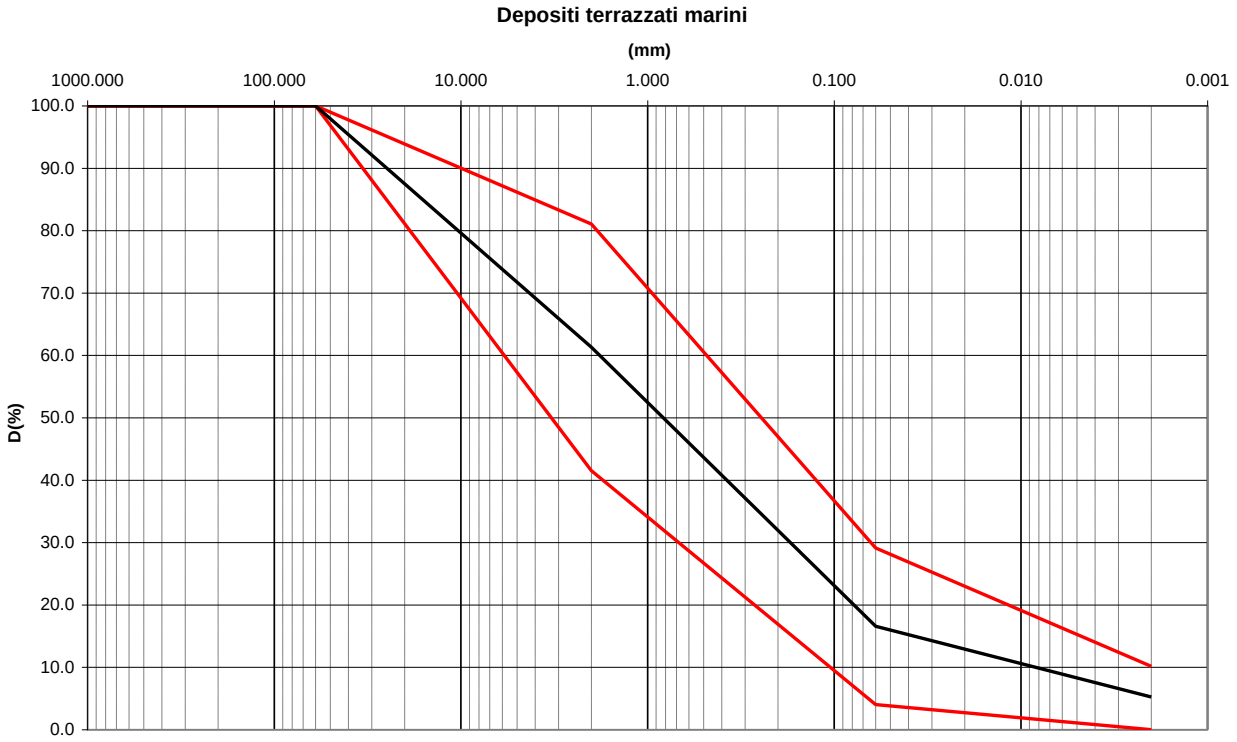
Il range di variazione ottenuto in base alle correlazioni dalle prove SPT della tratta per il modulo G_0, per z che varia da 2 a 10 metri, è :

$G_0 \approx 20 \div 100$ MPa

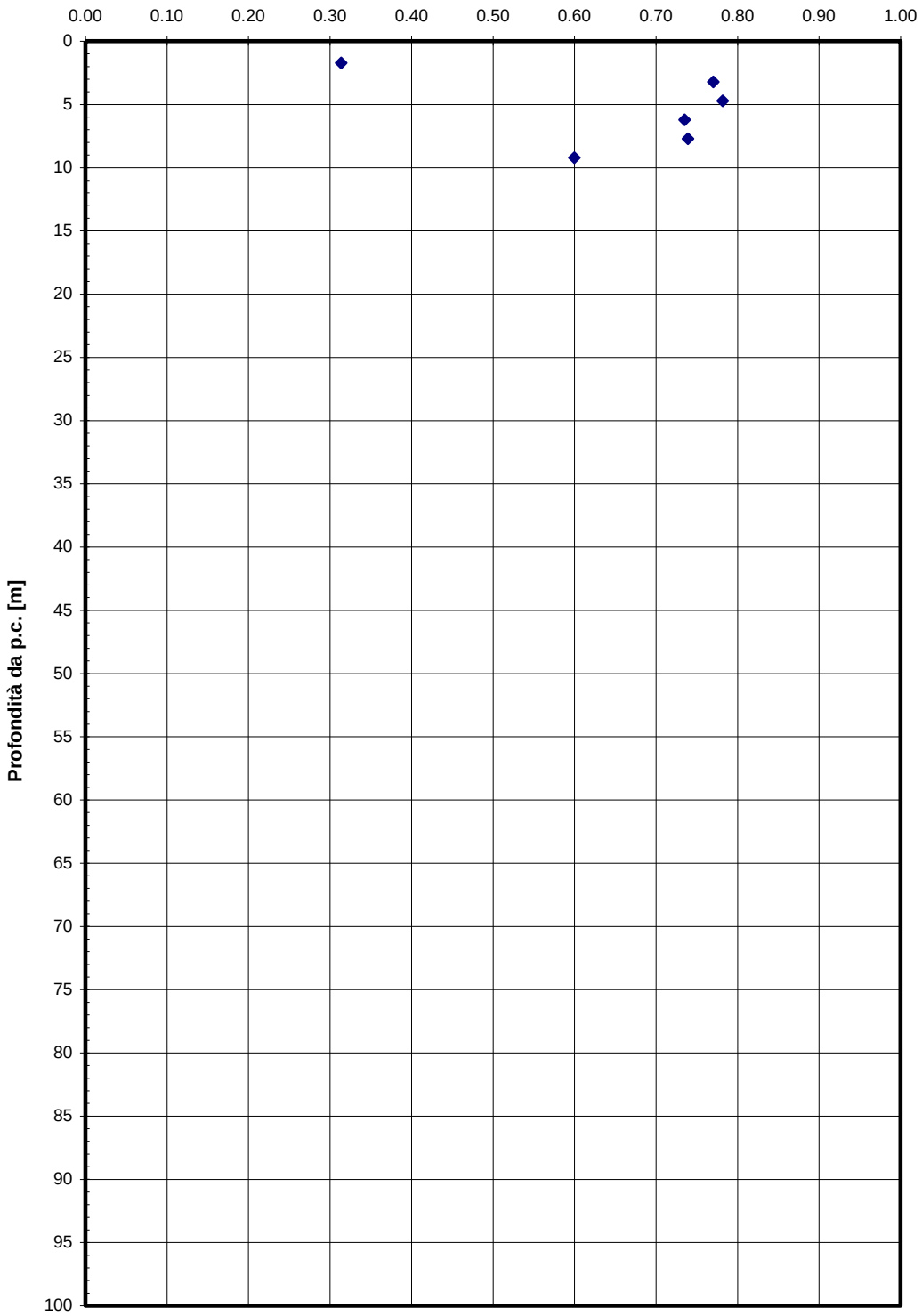
$E_0 \approx 50 \div 250$ MPa

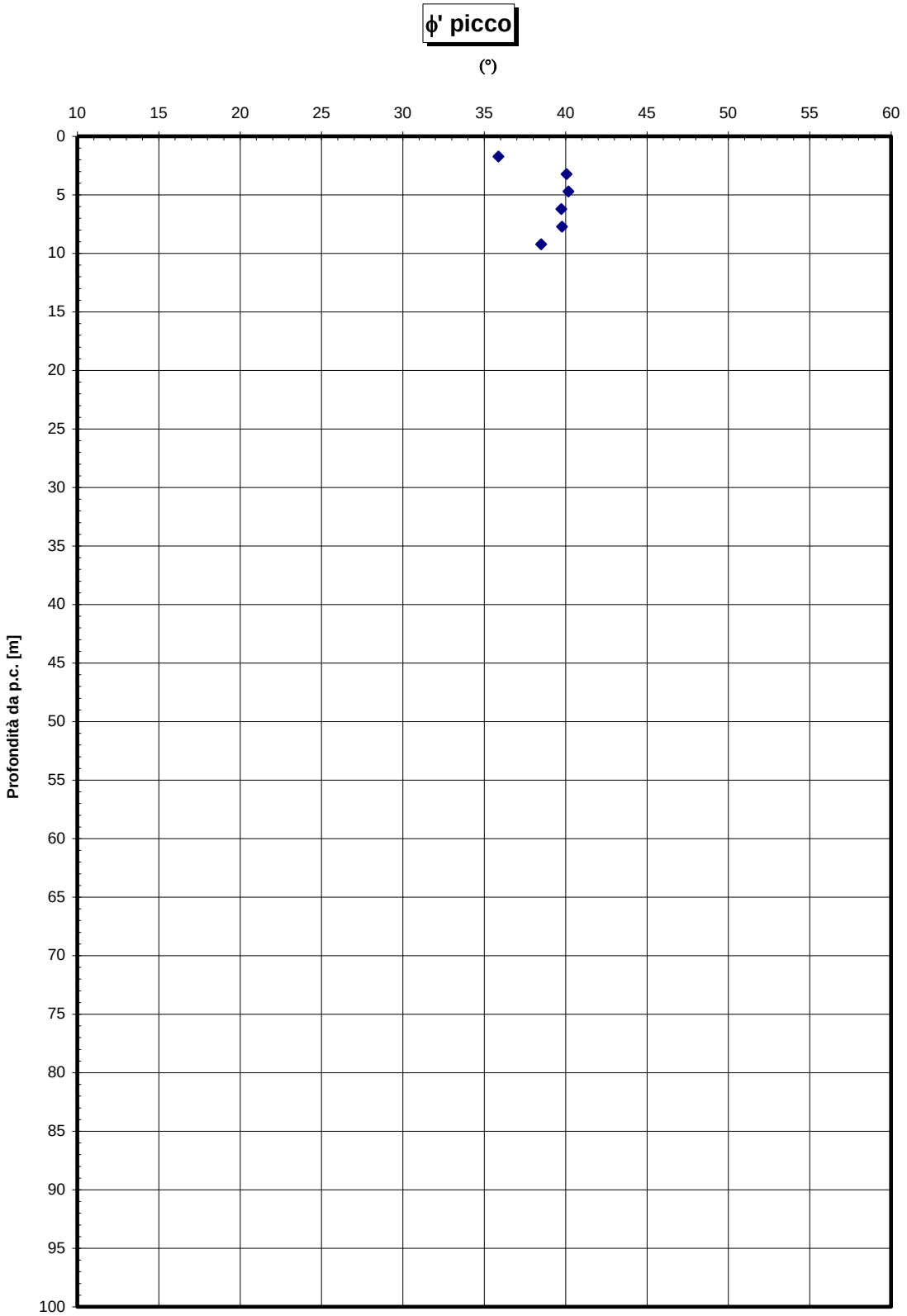
$E' \approx 10 \div 20$ / $40 \div 80$ MPa (da 2 a 10 metri)

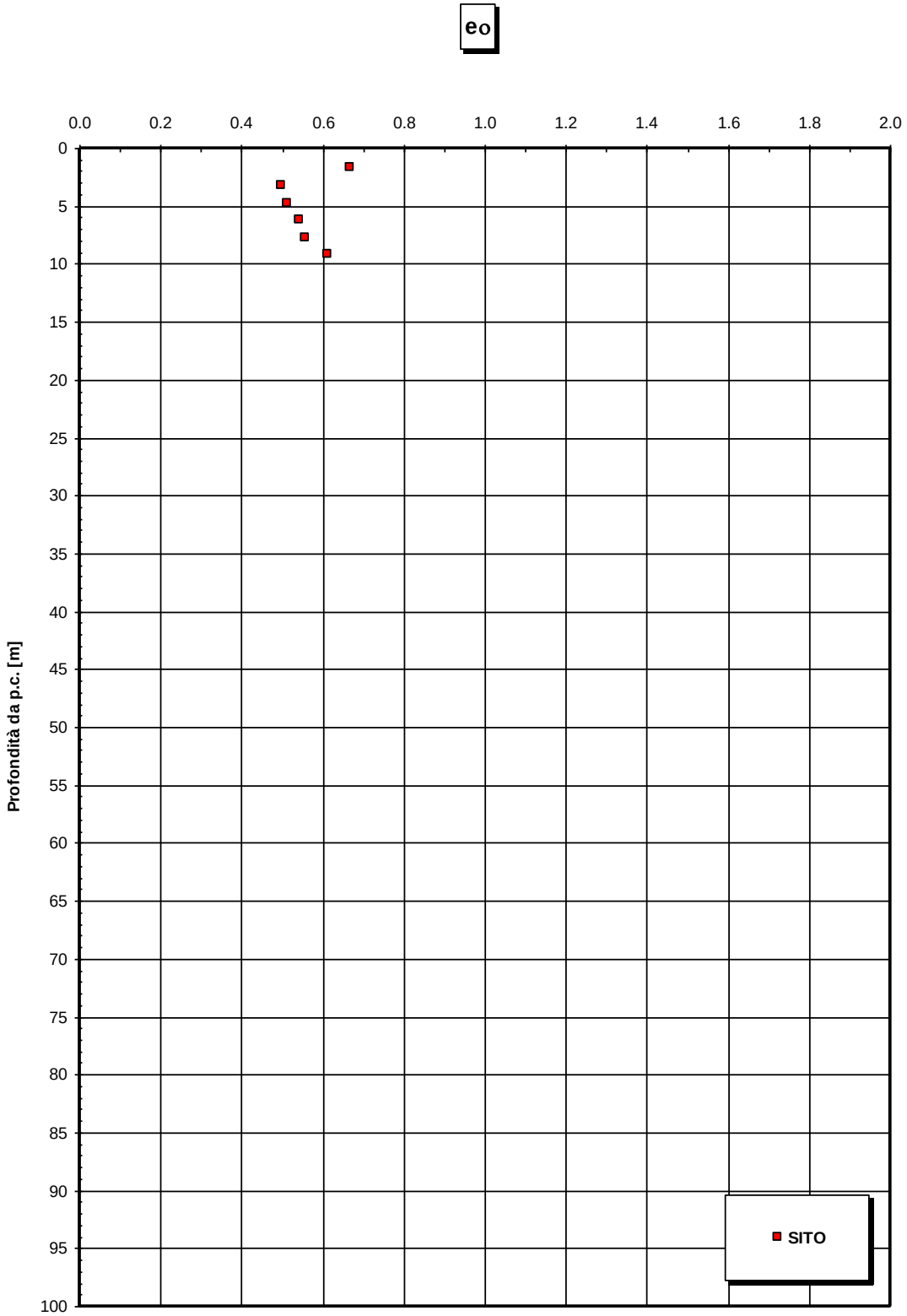
Quest'ultimo range è relativo rispettivamente ad $1/10 \div 1/5$ E_0 ed ad $1/3$ E_0 corrispondenti rispettivamente a medie-grandi deformazioni ed a piccole deformazioni.

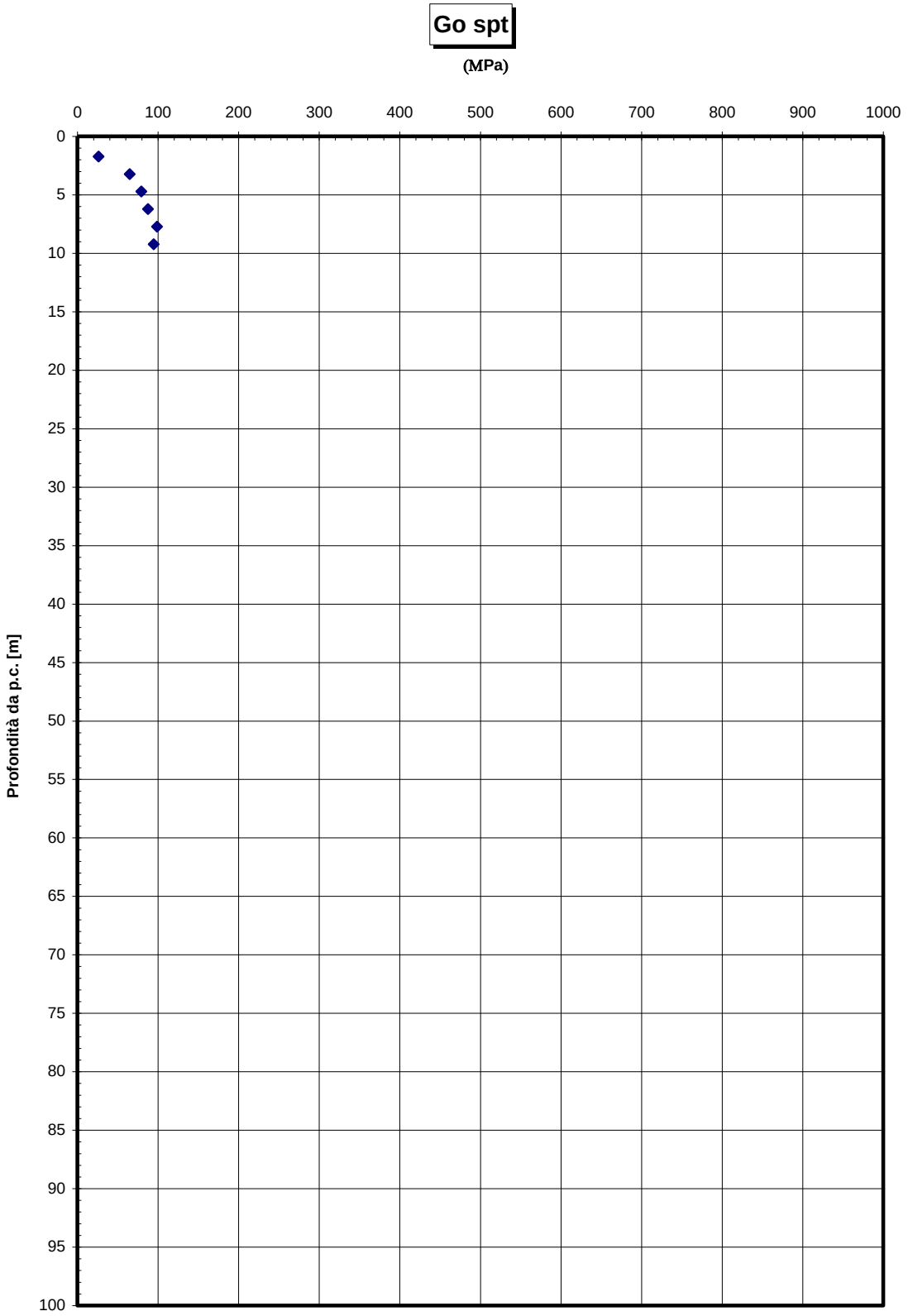


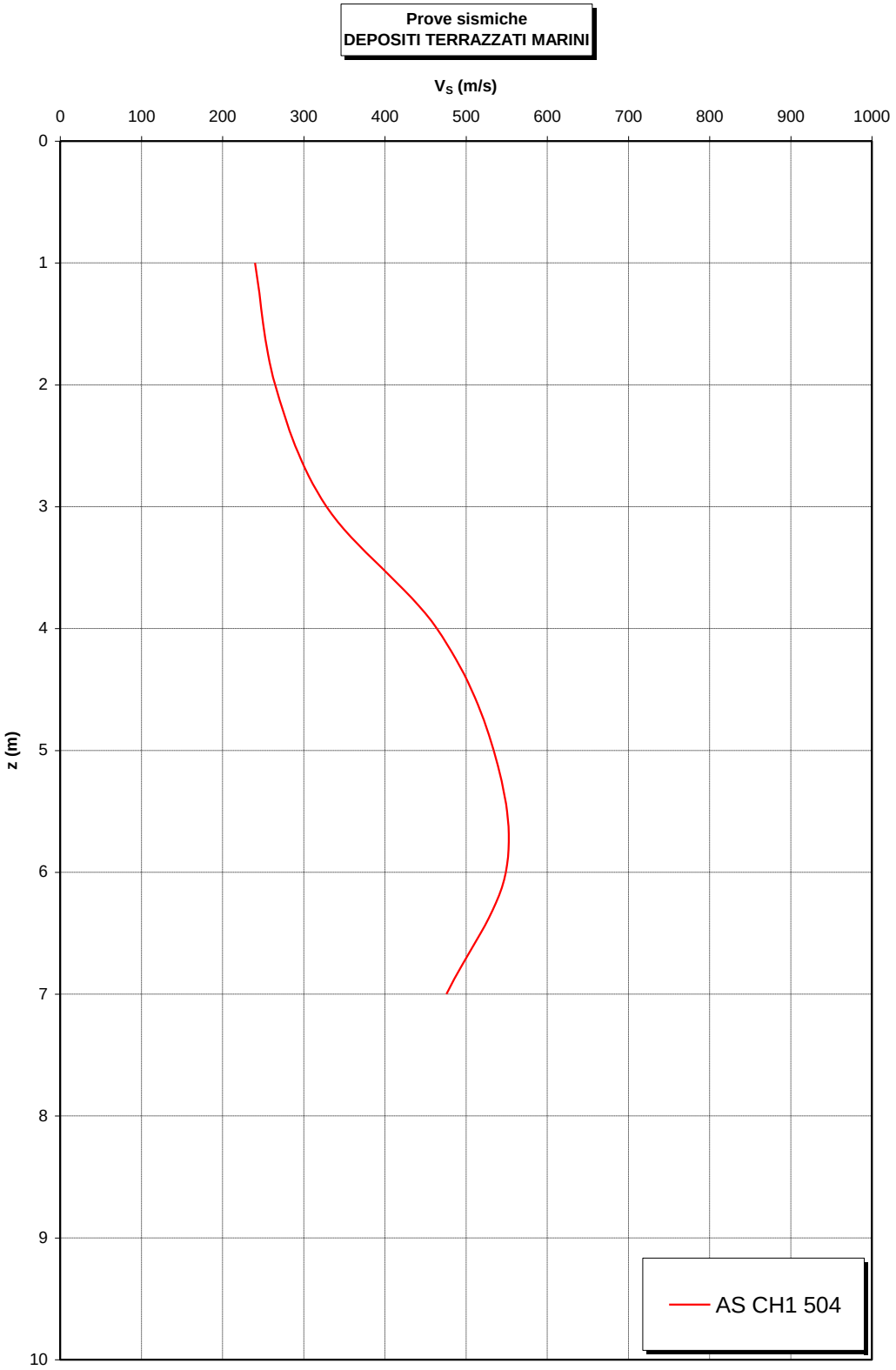
Dr sabbie

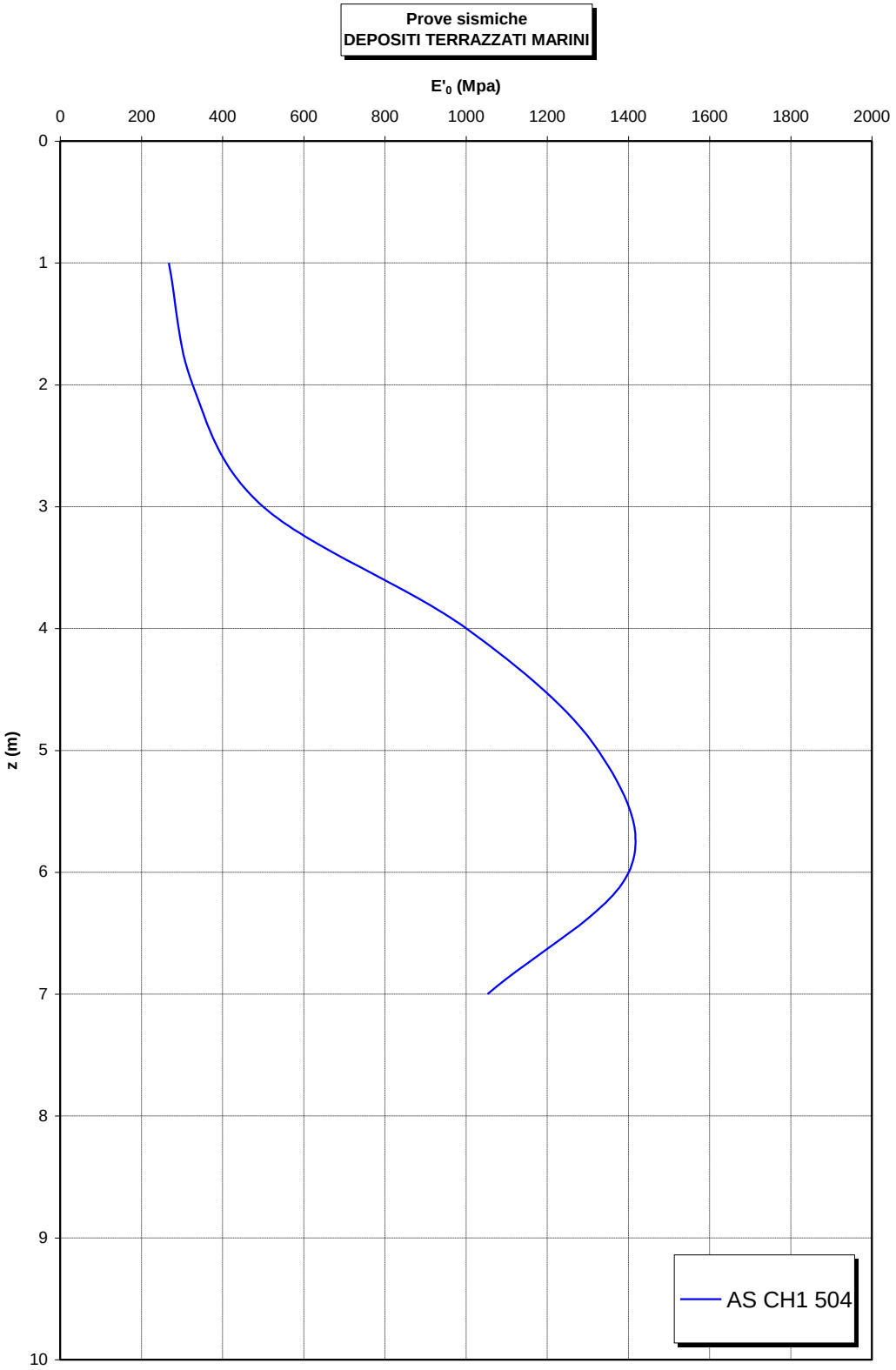

0.00
0.10
0.20
0.30
0.40
0.50
0.60
0.70
0.80
0.90
1.00
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
Profondità da p.c. [m]

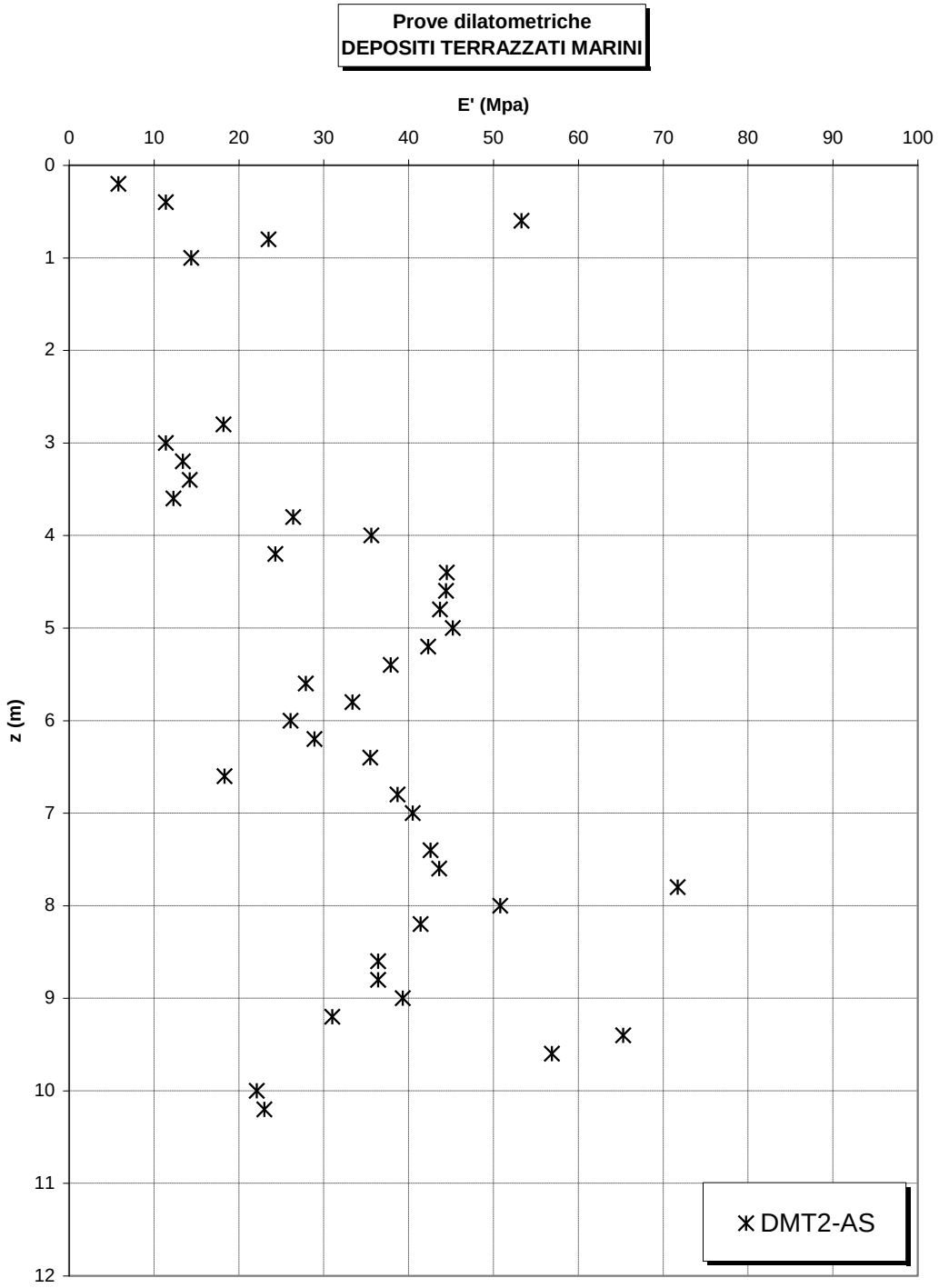

ϕ' picco
(°)
10
15
20
25
30
35
40
45
50
55
60
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
Profondità da p.c. [m]


eo
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
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]
SITO


Go spt
(MPa)
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


Prove sismiche
DEPOSITI TERRAZZATI MARINI
Vs (m/s)
0
100
200
300
400
500
600
700
800
900
1000
z (m)
0
1
2
3
4
5
6
7
8
9
10
AS CH1 504


Prove sismiche
DEPOSITI TERRAZZATI MARINI
E'0 (Mpa)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
z (m)
0
1
2
3
4
5
6
7
8
9
10
AS CH1 504


Prove dilatometriche
DEPOSITI TERRAZZATI MARINI
E' (Mpa)
0
10
20
30
40
50
60
70
80
90
100
z (m)
0
1
2
3
4
5
6
7
8
9
10
11
12
DMT2-AS

Per il dimensionamento geotecnico (verifiche di portata della fondazione) del tombino scatolare, del pozzetto di caduta e dei nuovi imbocchi sono state utilizzate le caratteristiche delle "*Sabbie e Ghiaie di Messina*":

- 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.

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

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 ε_z con:

$$\varepsilon_z = \frac{1}{E'} \times \left[\Delta\sigma'_z - \mu \times \left(\Delta\sigma'_x + \Delta\sigma'_y\right)\right]$$

dove μ 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 Δzi, 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 $\Delta\sigma/\Delta\sigma 0$ pari al 10%.

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

$$S = p \times R \times \frac{I}{E'}$$

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

$$S = p \times B \times \left(1 - \mu^2\right) \times \frac{I}{E'}$$

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):

$$S_i = 0.1 \times S_{ed} \qquad S_c = S_{ed}$$

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

$$S_i = 0.6 \times S_{ed} \qquad S_c = 0.4 \times S_{ed}$$

Dimensioni della fondazione e spessore dello strato comprimibile

B [m]	**L** [m]	**D_f** [m]	**σ'_{vo}** [kPa]	**q'** [kPa]	**Δq'** [kPa]	**Hc** [m]
2.60	*20.00*	*4.00*	*76.00*	*225*	*149*	*13.00*

Tensioni indotte

strato [-]	**Δz** [m]	**z_i** [m]	**M** [-]	**N** [-]	**V** [-]	**V1** [-]	**$I\sigma_{zi}$** [-]	**$\Delta\sigma_{zi}$** [kPa]
a	*0.50*	*4.25*	*5.200*	*40.000*	*1628.040*	*43264*	*1.00*	*148.6*
b	*0.50*	*4.75*	*1.733*	*13.333*	*181.782*	*534.1*	*0.94*	*140.4*
c	*0.50*	*5.25*	*1.040*	*8.000*	*66.082*	*69.22*	*0.83*	*123.7*
d	*1.00*	*6.00*	*0.650*	*5.000*	*26.423*	*10.563*	*0.66*	*97.9*
e	*1.00*	*7.00*	*0.433*	*3.333*	*12.299*	*2.086*	*0.49*	*73.2*
f	*1.00*	*8.00*	*0.325*	*2.500*	*7.356*	*0.660*	*0.38*	*57.2*
g	*2.00*	*9.50*	*0.236*	*1.818*	*4.362*	*0.185*	*0.28*	*42.3*
h	*2.00*	*11.50*	*0.173*	*1.333*	*2.808*	*0.053*	*0.20*	*30.4*
i	*2.00*	*13.50*	*0.137*	*1.053*	*2.127*	*0.021*	*0.15*	*23.0*
l	*2.00*	*15.50*	*0.113*	*0.870*	*1.769*	*0.010*	*0.12*	*17.9*
m	*2.00*	*17.50*	*0.096*	*0.741*	*1.558*	*0.005*	*0.10*	*14.3*
n	*4.00*	*20.50*	*0.079*	*0.606*	*1.374*	*0.002*	*0.07*	*10.5*
o	*4.00*	*24.50*	*0.063*	*0.488*	*1.242*	*0.001*	*0.05*	*7.4*
p	*8.00*	*30.50*	*0.049*	*0.377*	*1.145*	*0.000*	*0.03*	*4.7*
q	*8.00*	*38.50*	*0.038*	*0.290*	*1.085*	*0.000*	*0.02*	*2.9*

Cedimento istantaneo e di consolidazione

strato [-]	Δz_i [m]	z_i [m]	σ'_{vi} [kPa]	$\Delta\sigma_{zi}$ [kPa]	E [MPa]	K_0 [-]	μ [-]	Tipo terreno	S_i [mm]	S_C [mm]	S_t [mm]	S_{ED} [mm]
a	0.50	4.25	80.8	148.6	58.0	0.38	0.20	NC	1.1	-	1.1	-
b	0.50	4.75	90.3	140.4	58.0	0.38	0.20	NC	1.0	-	1.0	-
c	0.50	5.25	99.8	123.7	60.7	0.38	0.20	NC	0.9	-	0.9	-
d	1.00	6.00	114.0	97.9	66.4	0.38	0.20	NC	1.3	-	1.3	-
e	1.00	7.00	133.0	73.2	73.7	0.38	0.20	NC	0.8	-	0.8	-
f	1.00	8.00	152.0	57.2	80.6	0.38	0.20	NC	0.6	-	0.6	-
g	2.00	9.50	180.5	42.3	90.4	0.38	0.20	NC	0.8	-	0.8	-
h	2.00	11.50	218.5	30.4	102.7	0.38	0.20	NC	0.5	-	0.5	-
i	2.00	13.50	256.5	23.0	114.4	0.38	0.20	NC	-	-	-	-
l	2.00	15.50	294.5	17.9	125.5	0.38	0.20	NC	-	-	-	-
m	2.00	17.50	332.5	14.3	136.1	0.38	0.20	NC	-	-	-	-
n	4.00	20.50	384.6	10.5	151.3	0.38	0.20	NC	-	-	-	-
o	4.00	24.50	421.4	7.4	170.5	0.38	0.20	NC	-	-	-	-
p	8.00	30.50	476.5	4.7	197.5	0.38	0.20	NC	-	-	-	-

Fondazione flessibile	**Cedimento immediato al centro della fondazione**	**7.0**
	Cedimento totale al centro della fondazione	**7.0**
	Cedimento immediato allo spigolo della fondazione	**1.7**
	Cedimento totale allo spigolo della fondazione	**1.7**
Fondazione rigida	**Cedimento immediato**	**5.2**
	Cedimento totale	**5.2**

Coefficiente di reazione del sottofondo		**K_s [MN/m^3]**
Fondazione flessibile	**Al centro della fondazione**	**32.3**
	Allo spigolo della fondazione	**129.2**
Fondazione rigida		**43.1**

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
$I_{\sigma z\, i}$	= 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
μ	= 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 43100 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° 16' 05"
Longitudine	15° 37' 05"

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:

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

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	0.071	2.343	0.300
SLD	75	0.094	2.339	0.319
SLV	712	0.265	2.440	0.385
SLC	1462	0.352	2.480	0.415

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:

$$k_h = \beta_s \cdot \frac{a_{max}}{g} = 0.111 \qquad k_v = \pm 0.5 \cdot k_s = \pm 0.056$$

6 METODO DI CALCOLO A FESSURAZIONE

Viene eseguita la verifica allo stato limite di apertura delle fessure con riferimento al D.M. 14/01/2008 "Norme Tecniche per le Costruzioni" (§ 4.1.2.2.4).

Prima di procedere alle verifiche a fessurazione è necessario definire delle apposite combinazioni di carico ed effettuare una valutazione relativa al grado di protezione delle armature metalliche contro la corrosione (in termini di condizioni ambientali e sensibilità delle armature stesse alla corrosione).

Si distinguono i seguenti casi:

- ***Combinazioni di azioni:***
  - Frequente (indicata con FR);
  - Quasi Permanente (indicata con QP).
- ***Condizioni ambientali:***
  - Ordinarie;
  - Aggressive;
  - Molto Aggressive.
- ***Sensibilità delle armature alla corrosione:***
  - Sensibili (acciai da precompresso);
  - Poco sensibili (acciai ordinari).

Come criteri di scelta dello stato limite di fessurazione si fa riferimento alla tabella di seguito riportata.

Gruppi di esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	w_d	Stato limite	w_d
a	Ordinarie	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_3$
		quasi permanente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
b	Aggressive	frequente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$
c	Molto aggressive	frequente	formazione fessure	-	ap. fessure	$\leq w_1$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$

Si considerano i seguenti valori limite di apertura delle fessure: w_1 = 0.2 mm;
w_2 = 0.3 mm;
w_3 = 0.4 mm.

Con l'ausilio del programma di calcolo "STS Stati Limite", si procede al calcolo del valore caratteristico dell'ampiezza della fessura w_d, confrontandolo con i valori limite precedentemente definiti.

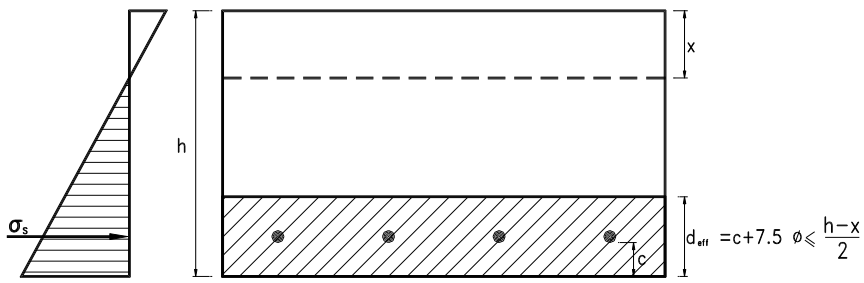
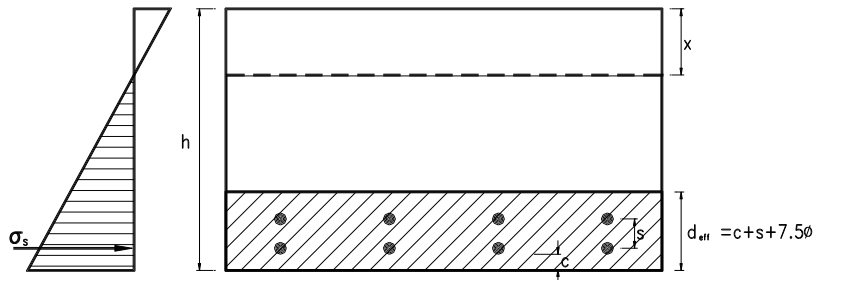
Il calcolo è condotto attraverso i seguenti passaggi:

- Valutazione della distanza media tra le fessure (Δ_{sm});
- Valutazione della deformazione media delle barre d'armatura (ε_{sm});
- Valutazione dell'ampiezza delle fessure (valore medio e valore di calcolo).

Per il calcolo di Δ_{sm} e ε_{sm} si utilizzano criteri consolidati riportati nella letteratura tecnica: in particolare si fa riferimento alla Circolare del Ministero dei Lavori Pubblici n°252 del 15/10/1996 (*"Istruzioni relative alle Norme Tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche di cui al D.M. 09.01.1996"*).

6.1 VALUTAZIONE DELLA DISTANZA MEDIA TRA LE FESSURE

Si definisce l'area efficace A_{ceff} come l'area di calcestruzzo entro la quale la barra di acciaio può effettivamente influenzare l'apertura della fessura. In base alle indicazioni riportate nella Circ. Min. LL.PP. n°252, si definisce l'altezza efficace con riferimento agli schemi di seguito riportati.

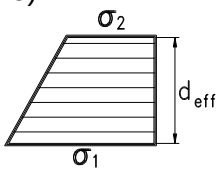
Caso 1: Lembo teso con un solo ordine di tondini d'armatura.	
Caso 2: Lembo teso con più livelli di tondini d'armatura.	

La distanza media tra le fessure, per la condizione di fessurazione stabilizzata in corrispondenza del livello baricentrico dell'armatura all'interno dell'area efficace, è data da:

$$\Delta_{sm} = 2 \cdot \left(c + \frac{s}{10} \right) + k_2 \cdot k_3 \cdot \frac{\phi}{\rho_r}$$

dove:

- c = ricoprimento dell'armatura (copriferro netto);
- s = distanza tra le barre d'armatura; se $s > 14 \cdot \phi$ si adotterà $s = 14 \cdot \phi$;
- ϕ = diametro della barra;
- k_2 = coefficiente che caratterizza l'aderenza del cls alla barra, a cui si assegnano i seguenti valori:
  - 0.4 per barre ad aderenza migliorata;
  - 0.8 per barre lisce.
- k_3 = coefficiente che tiene conto della forma del diagramma delle tensioni prima della fessurazione, in base al seguente prospetto:
  - 0.125 (caso di diagramma triangolare di flessione e pressoflessione);
  - 0.250 (caso di trazione pura);
  - $0.25 \cdot \frac{\sigma_1 + \sigma_2}{2 \cdot \sigma_1}$ (caso di trazione eccentrica o in cui si consideri una sola parte della sezione):



- σ_1, σ_2 = trazione nel cls teso;
- $\rho_r = A_s/A_{ceff}$ = rapporto geometrico d'armatura (con A_s = area della sezione di acciaio posta nell'area A_{ceff}).

6.2 VALUTAZIONE DELLA DEFORMAZIONE MEDIA DELLE BARRE DI ARMATURE

La deformazione media delle barre d'armatura ε_{sm} è valutata secondo la seguente espressione che tiene conto del contributo del calcestruzzo teso che la circonda:

$$\varepsilon_{sm} = \frac{\sigma_s}{E_s} \left[1 - \beta_1 \cdot \beta_2 \cdot \left(\frac{\sigma_{sr}}{\sigma_s} \right)^2 \right] \geq 0.4 \cdot \frac{\sigma_s}{E_s}$$

dove:

- σ_s = tensione nell'acciaio calcolata nella sezione fessurata;
- σ_{sr} = tensione nell'acciaio calcolata nella sezione fessurata per la sollecitazione corrispondente al raggiungimento della resistenza media a trazione f_{ctm} nella fibra di cls più sollecitata in sezione interamente reagente, compresa nell'area efficace.

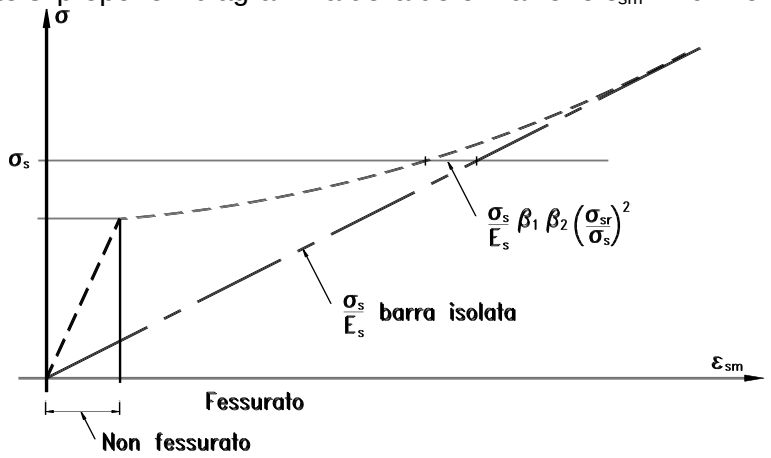
β_1 = coefficiente rappresentativo dell'aderenza acciaio-cls, che assume i valori:
- 1.0 (caso di barre ad aderenza migliorata);
- 0.5 (caso di barre lisce).

β_2 = coefficiente che tiene conto delle condizioni di sollecitazione:
- 1.0 (caso della prima applicazione di una forza di breve durata);
- 0.5 (caso di azioni di lunga durata o nel caso di azioni ripetute).

E_s = modulo elastico dell'acciaio delle barre di armatura.

In pratica si tratta di trovare i valori dell'azione assiale N e del momento flettente M (che stiano nello stesso rapporto delle sollecitazioni della combinazione di carico considerata) che portano il calcestruzzo teso della sezione completamente reagente a lavorare al suo limite. Una volta valutati, si opera la verifica della sezione parzializzata e si ricava il valore dello sforzo nell'acciaio teso.

Nella figura seguente si propone il diagramma della deformazione ε_{sm} in funzione della tensione σ_s.



6.3 VALUTAZIONE DELL'AMPIEZZA DELLE FESSURE (VALORE MEDIO E VALORE DI CALCOLO)

L'ampiezza media delle fessure è calcolata come prodotto della deformazione media delle barre d'armatura ε_{sm} per la distanza media tra le fessure Δ_{sm}:

$$w_m = \varepsilon_{sm} \cdot \Delta_{sm}$$

Si ricava quindi il valore di calcolo di apertura delle fessure, da confrontare con i valori nominali w_1, w_2 e w_3 riportati precedentemente:

$$w_d = 1.7 \cdot w_m$$

6.4 DESCRIZIONE INPUT E OUTPUT DEL PROGRAMMA DI CALCOLO

Si descrive di seguito, in sintesi, come si presentano i tabulati di input ed output del programma di calcolo utilizzato. Nell'ordine il tabulato fornisce le seguenti informazioni:

- Indicazione sul tipo di barre utilizzate, utile per la determinazione di k_2 e β_1;
- Valore del copriferro minimo ed effettivo (c);
- Valore dell'interferro (s);
- Valore del diametro massimo dei tondi d'armatura ($\varnothing$);
- Rapporto tra sforzo normale e momento flettente (indispensabile per la valutazione di k_3);
- Resistenza a trazione del calcestruzzo (f_{ctm});
- Momento di prima fessurazione, corrispondente allo stato limite di formazione delle fessure: tale valore è associato a una tensione di trazione nella fibra più sollecitata pari a $\sigma_t = f_{ctm}/1.2$;
- Momento di fessurazione: tale valore è associato a una tensione di trazione nella fibra più sollecitata pari a $\sigma_t = f_{ctm}$.

Per lo stadio non fessurato:

- Coefficiente di omogeneizzazione acciaio-cls;
- Distanza dell'asse neutro dal lembo teso in fase non fessurata (sezione completamente reagente);
- Altezza del tirante ideale (d_{eff});
- Densità d'armatura del tirante ideale (ρ_r).

Per lo stadio fessurato:

- Coefficiente di omogeneizzazione acciaio-cls;
- Distanza media fra due fessure attigue (Δ_{sm});
- Trazione nell'acciaio al raggiungimento della tensione limite f_{ctm} nel cls;
- Valore del coefficiente k_3;
- Trazione nell'acciaio per il calcolo della fessura (sollecitazione σ_s effettiva);
- Ampiezza della fessura (w_d).

Si possono ottenere i seguenti casi:

1. ***Momento sollecitante inferiore al momento di prima fessurazione:***
   In tal caso la verifica a fessurazione perde di significato, in quanto non viene raggiunto lo stato limite di apertura delle fessure;
2. ***Momento sollecitante uguale o superiore al momento di prima fessurazione:***
   In tal caso occorre effettuare un confronto tra il valore dell'ampiezza massima della fessura calcolato dal programma con il valore limite da normativa.

7 FASI COSTRUTTIVE

Vengono elencate di seguito le fasi di realizzazione dell'opera in progetto:

1. Sbancamento del terreno naturale nella zona compresa tra il muro di sostegno in progetto ed il pozzetto di caduta n°2 in progetto;
2. Realizzazione del muro di sostegno e del pozzetto di caduta n°2;
3. Realizzazione del tratto di tombino scatolare idraulico compreso tra il muro di sostegno ed il pozzetto di caduta n°2;
4. Sbancamento del terreno naturale nella zona compresa tra il pozzetto di caduta n°1 in progetto ed il pozzetto di caduta n°2 precedentemente realizzato;
5. Realizzazione del pozzetto di caduta n°1;
6. Realizzazione del tratto di tombino scatolare idraulico compreso tra i pozzetti di caduta n°1 e n°2;
7. Ricoprimento del tratto di tombino compreso tra il muro di sostegno ed il pozzetto di caduta n°2 e ricoprimento di parte del tratto di tombino compreso tra i pozzetto di caduta n°1 e n°2;
8. Sbancamento del terreno naturale nella zona compresa tra il pozzetto di caduta n°1 precedentemente realizzato ed il manufatto d'imbocco in progetto;
9. Realizzazione del manufatto d'imbocco;
10. Realizzazione del tratto di tombino scatolare idraulico compreso tra il manufatto d'imbocco ed il pozzetto di caduta n°1;
11. Ulteriore ricoprimento del tratto di tombino compreso tra i pozzetti di caduta n°1 e n°2 e ricoprimento del tratto di tombino compreso tra il manufatto d'imbocco ed il pozzetto di caduta n°1;
12. Realizzazione delle due carreggiate in progetto con relative finiture.

8 ANALISI TOMBINO SCATOLARE

8.1 ANALISI DEI CARICHI

8.1.1 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***.

8.1.2 CARICHI PERMANENTI SULLA SOLETTA SUPERIORE

Sulla soletta è presente un ricoprimento totale di spessore 8.90 m, comprendente lo strato più addensato del pacchetto di pavimentazione stradale (binder e usura) ed il terreno di ricoprimento.

	γ [kN/m^3]	H [m]
Strato di binder e usura	30	0.10
Terreno di ricoprimento	20	8.80
Carico su soletta =	**179.00**	**kN/m^2**

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

8.1.3 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: $K_0 = 1 - \mathrm{sen}(\phi)$
- Spinta attiva: $K_a = \tan\left(\pi/4 - \phi/2\right)$

dove: ϕ = 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:

	ϕ [°]	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: $S_{t(r)} = K_0 \cdot (\gamma_{pav} \cdot H_{pav} + \gamma_t \cdot H_{ril})$
- attiva: $S_{t(a)} = K_a \cdot (\gamma_{pav} \cdot H_{pav} + \gamma_t \cdot H_{ril})$

dove: K_0 = coefficiente di spinta a riposo;

K_a = coefficiente di spinta attiva;

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

γ_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	8.95	69.95	85.54	43.29	55.91
Pressione a quota linea media contros.	11.3	88.01	107.63	54.48	70.34

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).

8.1.4 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:

$$Q_{acc-sup} = \frac{2 \cdot Q_{1k}}{B_l \cdot B_t} + q_{1k}$$

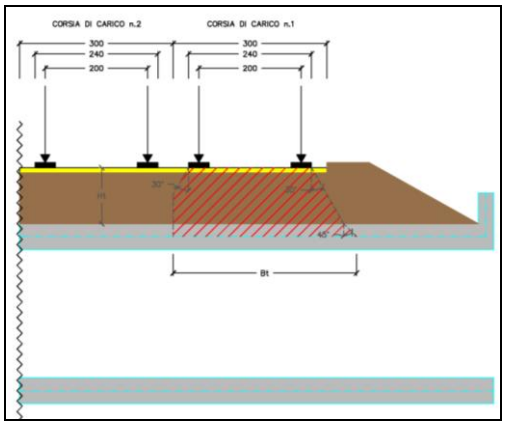
con:

$$B_l = 1.60 + 2 \cdot [H_{ric} \cdot tg(\alpha) + s_{sol} / 2 \cdot tg(\beta)]$$

$$B_t = 2.40 + 2 \cdot [H_{ric} \cdot tg(\alpha) + s_{sol} / 2 \cdot tg(\beta)]$$

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;
- α = angolo di diffusione del carico nel ricoprimento (rispetto alla verticale);
- β = 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 α nel ricoprimento superiore e di β 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	α	=	30	°
Angolo di diffusione nella soletta di cls	β	=	45	°
Spessore del ricoprimento	H_{ric}	=	8.9	m
Spessore della soletta superiore	s_{sol}	=	0.30	m
Lunghezza di diffusione longitudinale	B_l	=	12.18	m
Lunghezza di diffusione trasversale	B_t	=	7.99	m
Carico accidentale superiore su soletta	$Q_{acc\text{-}sup}$	=	15.17	kN/m^2

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

8.1.5 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 $\times$ 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	8.95	5.76	7.04	3.56	4.60
Pressione a quota linea media contros.	11.3	5.53	6.77	3.42	4.42

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).

8.1.6 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):

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

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***.

8.1.7 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	2.00	20.00

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***.

8.1.8 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***.

8.1.9 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).

8.1.9.1 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): $K_H = \beta_m \cdot S_S \cdot S_T \cdot a_g / g$
- Coefficiente sismico verticale (K_V): $K_V = 0.5 \cdot \beta_m \cdot S_S \cdot S_T \cdot a_g / g$

dove: β_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	0.11	0.05
SLV	0.32	0.13

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).

8.1.9.2 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).

8.1.9.3 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:

$$\Delta S_t = (1 \pm k_v) \cdot \delta K_a \cdot (\gamma_{pav} \cdot H_{pav} + \gamma_t \cdot H_{ril})$$

dove: k_v = coefficiente sismico verticale (definito al paragrafo 7.1.9.1);
δK_a = incremento del coefficiente di spinta attiva dovuta al sisma;
γ_{pav} = peso specifico della pavimentazione stradale (pari a 30.00 kN/m^3);
γ_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:

$$\delta K_a = \frac{\operatorname{sen}^2(\Psi+\phi-\theta)}{\cos\theta\cdot\operatorname{sen}^2\Psi\cdot\operatorname{sen}(\Psi-\theta)\cdot\left[1+\sqrt{\frac{\operatorname{sen}\phi\cdot\operatorname{sen}(\phi+\theta)}{\operatorname{sen}(\Psi-\theta)\cdot\operatorname{sen}\Psi}}\right]^2}-\tan\left(\frac{\pi}{4}-\frac{\phi}{2}\right) \qquad \text{se } \phi \geq \theta$$

$$\delta K_a = \frac{\operatorname{sen}^2(\Psi+\phi-\theta)}{\cos\theta\cdot\operatorname{sen}^2\Psi\cdot\operatorname{sen}(\Psi-\theta)}-\tan\left(\frac{\pi}{4}-\frac{\phi}{2}\right) \qquad \text{se } \phi < \theta$$

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

ϕ = angolo di attrito del terreno;

θ = angoli definiti dall'espressione: $\theta = \arctan\left(\frac{k_h}{1\pm k_v}\right)$;

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).

8.1.9.4 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:

$$\Delta S_{wi} = \frac{7}{8}\cdot\gamma_w\cdot K_H\cdot H_i$$

dove: γ_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).

8.2 MODELLO DI CALCOLO

8.2.1 PROGRAMMA DI CALCOLO UTILIZZATO

L'analisi è stata eseguita con un modello ad elementi finiti nel programma di calcolo ***Sap2000 Advanced***.
La rielaborazione dei risultati dell'analisi è stata svolta tramite l'utilizzo di fogli di calcolo dedicati e del programma ***STS Stati Limite*** con il quale sono state effettuate le verifiche sezionali previste da normativa (Stato Limite di Esercizio, Stato Limite di Fessurazione e Stato Limite Ultimo).

8.2.2 DESCRIZIONE DEL MODELLO DI CALCOLO

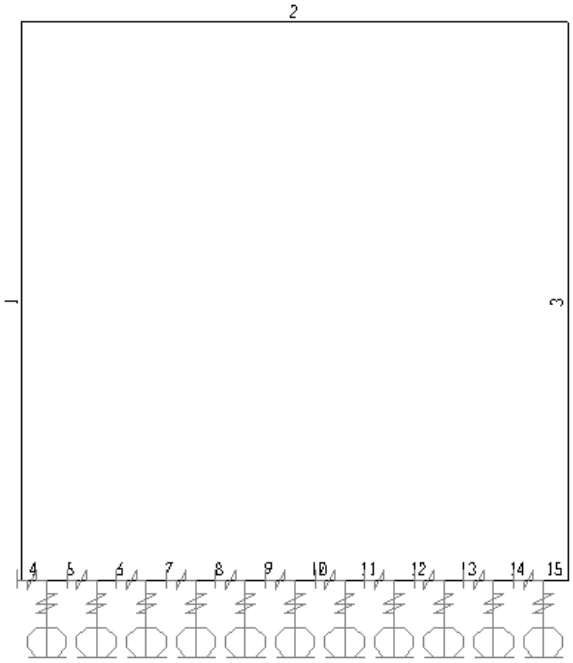
E' stato approntato un modello di calcolo con analisi non lineare al fine di schematizzare il terreno di fondazione con delle molle reagenti solo a compressione.

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).

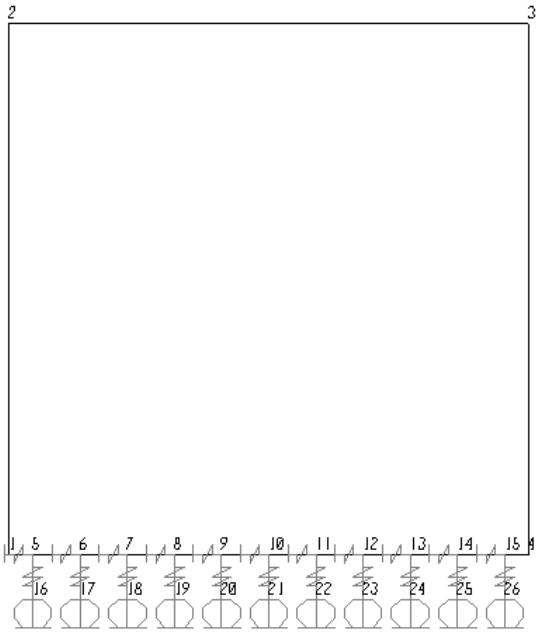
La soletta ed i piedritti vengono schematizzati con l'utilizzo di un solo frame, mentre la fondazione (controsoletta) è schematizzata con l'utilizzo di più frame (i frame in fondazione hanno una lunghezza pari a circa 20 cm).

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).

Si riporta di seguito lo schema statico adottato con la relativa numerazione di aste e nodi.



Schema statico – numerazione aste



Schema statico – numerazione nodi

8.3 COMBINAZIONI DI CARICO

	G1													G3	Q1	Q2		Q3				Q4				ε3	
	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				ε3	
	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				ε3	
	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				ε3	
	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				ε3	
	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				ε3	
	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				ε3	
	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				ε3	
	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				ε3	
	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				ε3	
	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				ε3	
	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				ε3	
	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	ε3		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.

8.4 VERIFICHE DI RESISTENZA DELLA SOLETTA

Nel presente capitolo vengono eseguite le verifiche strutturali della soletta superiore; si utilizza nelle verifiche una sezione rettangolare 100cm × 30cm.

La sezione risulta armata come segue:

- Intradosso: ∅ 20 / 15 cm (ripartitori esterni: ∅ 10 / 15 cm)
- Estradosso: ∅ 20/ 15 cm (ripartitori esterni: ∅ 10 / 15 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**	1.045	-38.09	-10.24	87.97	*Momento massimo*
2	**SLE-CAR-126 MAX**	2.300	-104.51	271.41	-112.74	*Momento minimo*

SOLLECITAZIONI A STATO LIMITE DI FESSURAZIONE						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
2	**FESS-QP-27 MAX**	1.045	-39.44	-10.12	78.16	*Momento massimo (comb. QP)*
2	**FESS-QP-14 MAX**	2.300	-76.74	229.62	-79.41	*Momento minimo (comb. QP)*
2	**FESS-FR-87 MAX**	1.045	-41.62	-10.24	82.70	*Momento massimo (comb. FR)*
2	**FESS-FR-62 MAX**	2.300	-79.82	244.43	-84.59	*Momento minimo (comb. FR)*

SOLLECITAZIONI A STATO LIMITE ULTIMO						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
2	**SLU-STR-151 MAX**	1.045	-53.10	15.87	117.54	*Momento massimo*
2	**SLU-SIS-06 MAX**	2.300	-180.19	296.53	-156.57	*Momento minimo*
2	**SLU-STR-127 MAX**	2.300	-130.30	366.41	-136.07	*Taglio massimo*

8.4.1 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).

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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    30.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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        =      88.0(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -7.93(N/mm²)
Trazione massima nell'acciaio           =  204.84(N/mm²)
Distanza asse neutro da lembo compresso =    8.8 (cm)
Braccio di leva interno           =   20.5 (cm)

Condizione di carico 2

Momento        =    -112.7(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =  -10.17(N/mm²)
Trazione massima nell'acciaio           =  262.51(N/mm²)
Distanza asse neutro da lembo compresso =    8.8 (cm)
Braccio di leva interno           =   20.5 (cm)

Condizione di carico 3

Momento        =      82.7(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -7.46(N/mm²)
Trazione massima nell'acciaio           =  192.57(N/mm²)
Distanza asse neutro da lembo compresso =    8.8 (cm)
Braccio di leva interno           =   20.5 (cm)

Condizione di carico 4

Momento        =     -84.6(KN.m)
Sforzo normale =       0.0(KN)
```

```
Compressione massima nel calcestruzzo   =   -7.63(N/mm²)
Trazione massima nell'acciaio           =  196.97(N/mm²)
Distanza asse neutro da lembo compresso =    8.8 (cm)
Braccio di leva interno           =   20.5 (cm)
```

Condizione di carico 5

```
Momento        =      78.2(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -7.05(N/mm²)
Trazione massima nell'acciaio           =  181.99(N/mm²)
Distanza asse neutro da lembo compresso =    8.8 (cm)
Braccio di leva interno           =   20.5 (cm)
```

Condizione di carico 6

```
Momento        =     -79.4(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -7.16(N/mm²)
Trazione massima nell'acciaio           =  184.91(N/mm²)
Distanza asse neutro da lembo compresso =    8.8 (cm)
Braccio di leva interno           =   20.5 (cm)
```

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

8.4.2 VERIFICHE A STATO LIMITE DI FESSURAZIONE

8.4.2.1 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    30.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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                      =  15.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm²
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  48.65 (KN.m)
Momento di fessurazione (σ  = f_ctm)            =  57.92 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  15.0 cm
Altezza del tirante ideale         =  15.0 cm
Densità d'armatura del tirante ideale =  1.397 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  20.2 cm
Momento di fessurazione; Trazione acciaio =   134.9 (N/mm²)
Coeff. K_3 ( =[0.25·(σ_1+σ_2) / (2· σ_1)] )     =  0.125
Trazione nell'acciaio per il calcolo della fessura =    182.0 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · σ_sm / E_s)     = 0.0893 - 0.1436 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    30.0   b3   100.0
```

Descrizione dell'armatura normale

```
6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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                      =  15.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm²
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  48.65 (KN.m)
Momento di fessurazione (σ  = f_ctm)            =  57.92 (KN.m)
```

Stadio non fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  15.0 cm
Altezza del tirante ideale         =  15.0 cm
Densità d'armatura del tirante ideale =  1.397 %
```

Stadio fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  20.2 cm
Momento di fessurazione; Trazione acciaio =   134.9 (N/mm²)
Coeff. K_3 ( =[0.25·(σ_1+σ_2) / (2· σ_1)] )     =  0.125
Trazione nell'acciaio per il calcolo della fessura =   184.91 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · σ_sm / E_s)     = 0.0941 - 0.1477 mm
```

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

8.4.2.2 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    30.0   b3   100.0
```

Descrizione dell'armatura normale

```
6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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                      =  15.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm²
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  48.65 (KN.m)
Momento di fessurazione (σ  = f_ctm)            =  57.92 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  15.0 cm
Altezza del tirante ideale         =  15.0 cm
Densità d'armatura del tirante ideale =  1.397 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  20.2 cm
Momento di fessurazione; Trazione acciaio =   134.9 (N/mm²)
Coeff. K_3 ( =[0.25·(σ_1+σ_2) / (2· σ_1)] )     =  0.125
Trazione nell'acciaio per il calcolo della fessura =   192.57 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · σ_sm / E_s)     = 0.1067 - 0.1581 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    30.0   b3   100.0
```

Descrizione dell'armatura normale

```
6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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                      =  15.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  48.65 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -57.92 (KN.m)
```

Stadio non fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  15.0 cm
Altezza del tirante ideale         =  15.0 cm
Densità d'armatura del tirante ideale =  1.397 %
```

Stadio fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  20.2 cm
Momento di fessurazione; Trazione acciaio =   134.9 (N/mm²)
Coeff. K_3 ( =[0.25·(σ_1+σ_2) / (2· σ_1)] )     =  0.125
Trazione nell'acciaio per il calcolo della fessura =   196.97 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · σ_sm / E_s)     = 0.1138 - 0.1641 mm
```

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

8.4.3 VERIFICHE A STATO LIMITE ULTIMO

8.4.3.1 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    30.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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  =   20.00(N/mm²)
Soglia di snervamento acciaio normale: Fyk       =  450.00(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 =  7.500 %
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          =  391.30(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  =     117.5(KN.m)
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    5.8 (cm)
Momento di Rottura  Mr  =     179.2(KN.m)
Sforzo di Rottura   Nr  =       0.9(KN)
Rottura nel Dominio  3
Rapporto Mr/Md  =  1.524
```

Condizione di carico 2

Momento di Progetto M_d = -156.6(KN.m)
Sforzo di Progetto N_d = 0.0(KN)

Distanza asse neutro da lembo compresso = 5.8 (cm)
Momento di Rottura M_r = -179.2(KN.m)
Sforzo di Rottura N_r = 0.9(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 1.144

8.4.3.2 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:

$$V_{Rd} = [0.18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c + 0.15 \cdot \sigma_{cp}] \cdot b_w \cdot d \geq (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d$$

con: $\begin{cases} k = 1 + (200/d)^{1/2} \leq 2 \\ v_{min} = 0.035 \cdot k^{3/2} \cdot f_{ck}^{3/2} \end{cases}$

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

$\rho_1 = A_{sl} / (b_w \cdot d)$ = rapporto geometrico di armatura longitudinale (≤ 0.02);

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

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}	=	**366.41**	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	=	**240**	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°	=	**7**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2094	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_l	=	0.0087	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.91	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.53	N/mm^2
Tensione media di compress. nella sezione ($\leq 0.2 \times f_{cd}$)	σ_{cp}	=	0.00	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	127.71	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**163.50**	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:

$$V_{Rsd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot [ctg(\alpha) + ctg(\vartheta)] \cdot sen(\alpha)$$

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

$$V_{Rcd} = 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot \cdot f'_{cd} \cdot [ctg(\alpha) + ctg(\vartheta)] / [1 + ctg^2(\vartheta)]$$

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}	=	**366.41**	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	=	**240**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	$\varnothing$	=	**20**	mm
Numero tondini longitudinali utilizzati	n°	=	**7**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2094	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_l	=	0.0087	-

Armatura aggiuntiva resistente a taglio:

Angolo d'inclinaz. armatura trasv. su asse dell'elemento	α	=	**45**	°
Diametro ferri a taglio	$\varnothing_{sw}$	=	**10**	mm
Numero dei bracci in sezione trasversale	$n°_{sw}$	=	**7**	-
Passo in direzione asse elemento	s	=	**150**	mm
Area totale di armatura a taglio	A_{sw}	=	527	mm^2

Fattori di resistenza a compressione:

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

Calcolo del taglio resistente:

Resistenza di calcolo a "taglio trazione" dell'armatura	V_{Rsd}	=	419.90	kN
Resistenza di calcolo a "taglio compressione" del cls	V_{Rcd}	=	2031.84	kN
Resistenza ultima a taglio	V_{Rd}	=	**419.90**	kN

Utilizzando ferri piegati a 45° ∅ 10/15/15cm, il taglio resistente (V_{Rd}) risulta maggiore del taglio sollecitante (V_{Sd}): la verifica è pertanto soddisfatta.

8.5 VERIFICHE DI RESISTENZA DELLA CONTROSOLETTA

Nel presente capitolo vengono eseguite le verifiche strutturali della soletta superiore; si utilizza nelle verifiche una sezione rettangolare 100cm × 40cm.

La sezione risulta armata come segue:

- Intradosso: ∅ 20 / 15 cm (ripartitori esterni: ∅ 10 / 15 cm)
- Estradosso: ∅ 20 / 15 cm (ripartitori esterni: ∅ 10 / 15 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	-148.66	210.05	116.72	*Momento massimo*
12	**SLE-CAR-118 MAX**	0.000	-15.99	-33.44	-130.37	*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	-115.92	216.96	80.06	*Momento massimo (comb. QP)*
10	**FESS-QP-26 MAX**	0.209	-17.01	15.72	-107.76	*Momento minimo (comb. QP)*
4	**FESS-FR-63 MAX**	0.000	-122.79	228.31	85.79	*Momento massimo (comb. FR)*
11	**FESS-FR-86 MAX**	0.000	-11.85	-34.15	-114.23	*Momento minimo (comb. FR)*

SOLLECITAZIONI A STATO LIMITE ULTIMO						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
4	**SLU-STR-127 MAX**	0.000	-200.06	283.56	157.03	**Momento massimo**
12	**SLU-STR-118 MAX**	0.000	-20.17	-45.26	-175.92	**Momento minimo**
15	**SLU-STR-127 MAX**	0.000	5.02	391.62	-69.41	**Taglio massimo**

8.5.1 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    40.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    34.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    20.0 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        =     116.7(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -5.76(N/mm²)
Trazione massima nell'acciaio           =  186.13(N/mm²)
Distanza asse neutro da lembo compresso =   10.8 (cm)
Braccio di leva interno           =   29.9 (cm)

Condizione di carico 2

Momento        =    -130.4(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -6.44(N/mm²)
Trazione massima nell'acciaio           =  207.89(N/mm²)
Distanza asse neutro da lembo compresso =   10.8 (cm)
Braccio di leva interno           =   29.9 (cm)

Condizione di carico 3

Momento        =      85.8(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -4.23(N/mm²)
Trazione massima nell'acciaio           =  136.80(N/mm²)
Distanza asse neutro da lembo compresso =   10.8 (cm)
Braccio di leva interno           =   29.9 (cm)

Condizione di carico 4

Momento        =    -114.2(KN.m)
Sforzo normale =       0.0(KN)
```

```
Compressione massima nel calcestruzzo   =   -5.64(N/mm²)
Trazione massima nell'acciaio           =  182.15(N/mm²)
Distanza asse neutro da lembo compresso =   10.8 (cm)
Braccio di leva interno           =   29.9 (cm)
```

Condizione di carico 5

```
Momento        =      80.1(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -3.95(N/mm²)
Trazione massima nell'acciaio           =  127.67(N/mm²)
Distanza asse neutro da lembo compresso =   10.8 (cm)
Braccio di leva interno           =   29.9 (cm)
```

Condizione di carico 6

```
Momento        =    -107.8(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -5.32(N/mm²)
Trazione massima nell'acciaio           =  171.89(N/mm²)
Distanza asse neutro da lembo compresso =   10.8 (cm)
Braccio di leva interno           =   29.9 (cm)
```

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

8.5.2 VERIFICHE A STATO LIMITE DI FESSURAZIONE

8.5.2.1 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    40.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    34.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    20.0 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                      =  15.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  86.83 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = 103.36 (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    40.0   b3   100.0
```

Descrizione dell'armatura normale

```
6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    34.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    20.0 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                      =  15.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm²
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  86.83 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -1.034E+02 (KN.m)
```

Stadio non fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  20.0 cm
Altezza del tirante ideale         =  20.0 cm
Densità d'armatura del tirante ideale =  1.048 %
```

Stadio fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  22.5 cm
Momento di fessurazione; Trazione acciaio =   164.8 (N/mm²)
Coeff. K_3 ( =[0.25·(σ_1+σ_2) / (2· σ_1)] )     =  0.125
Trazione nell'acciaio per il calcolo della fessura =   171.89 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · σ_sm / E_s)     = 0.0837 -  0.113 mm
```

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

8.5.2.2 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    40.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    34.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    20.0 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                      =  15.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  86.83 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = 103.36 (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    40.0   b3   100.0
```

Descrizione dell'armatura normale

```
6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    34.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    20.0 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                       =  15.0 cm
Diametro massimo barre           =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm²
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  86.83 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -1.034E+02 (KN.m)
```

Stadio non fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  20.0 cm
Altezza del tirante ideale         =  20.0 cm
Densità d'armatura del tirante ideale =  1.048 %
```

Stadio fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  22.5 cm
Momento di fessurazione; Trazione acciaio =   164.8 (N/mm²)
Coeff. K_3 ( =[0.25·(σ_1+σ_2) / (2· σ_1)] )      =  0.125
Trazione nell'acciaio per il calcolo della fessura =   182.16 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · σ_sm / E_s)      = 0.0887 - 0.1309 mm
```

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

8.5.3 VERIFICHE A STATO LIMITE ULTIMO

8.5.3.1 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    40.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    34.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    20.0 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  =   20.00(N/mm²)
Soglia di snervamento acciaio normale: Fyk       =  450.00(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 =  7.500 %
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          =  391.30(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  =    -175.9(KN.m)
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    5.8 (cm)
Momento di Rottura  Mr  =    -261.6(KN.m)
Sforzo di Rottura   Nr  =      -2.3(KN)
Rottura nel Dominio  3
Rapporto Mr/Md  =  1.487
```

Condizione di carico 2

Momento di Progetto M_d = 157.0(KN.m)
Sforzo di Progetto N_d = 0.0(KN)

Distanza asse neutro da lembo compresso = 5.8 (cm)
Momento di Rottura M_r = 261.6(KN.m)
Sforzo di Rottura N_r = -2.3(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 1.666

8.5.3.2 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:

$$V_{Rd} = [0.18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c + 0.15 \cdot \sigma_{cp}] \cdot b_w \cdot d \geq (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d$$

con: $\begin{cases} k = 1 + (200/d)^{1/2} \leq 2 \\ v_{min} = 0.035 \cdot k^{3/2} \cdot f_{ck}^{3/2} \end{cases}$

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

$\rho_1 = A_{sl} / (b_w \cdot d)$ = rapporto geometrico di armatura longitudinale (≤ 0.02);

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

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}	=	**391.62**	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	=	**340**	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°	=	**6.67**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2094	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_l	=	0.0062	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.77	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.47	N/mm^2
Tensione media di compress. nella sezione ($\leq 0.2 \times f_{cd}$)	σ_{cp}	=	0.00	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	161.05	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**197.15**	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:

$$V_{Rsd} = 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot [ctg(\alpha) + ctg(\vartheta)] \cdot sen(\alpha)$$

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

$$V_{Rcd} = 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot \cdot f'_{cd} \cdot [ctg(\alpha) + ctg(\vartheta)] / [1 + ctg^2(\vartheta)]$$

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}	=	**391.62**	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	=	**340**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	$\varnothing$	=	**20**	mm
Numero tondini longitudinali utilizzati	n°	=	**6.67**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2094	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_l	=	0.0062	-

Armatura aggiuntiva resistente a taglio:

Angolo d'inclinaz. armatura trasv. su asse dell'elemento	α	=	**45**	°
Diametro ferri a taglio	$\varnothing_{sw}$	=	**10**	mm
Numero dei bracci in sezione trasversale	$n°_{sw}$	=	**6.67**	-
Passo in direzione asse elemento	s	=	**200**	mm
Area totale di armatura a taglio	A_{sw}	=	527	mm^2

Fattori di resistenza a compressione:

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

Calcolo del taglio resistente:

Resistenza di calcolo a "taglio trazione" dell'armatura	V_{Rsd}	=	446.14	kN
Resistenza di calcolo a "taglio compressione" del cls	V_{Rcd}	=	2878.44	kN
Resistenza ultima a taglio	V_{Rd}	=	**446.14**	kN

Utilizzando ferri piegati a 45° ∅ 10/15/20cm, il taglio resistente (V_{Rd}) risulta maggiore del taglio sollecitante (V_{Sd}): la verifica è pertanto soddisfatta.

8.6 VERIFICHE DI RESISTENZA DEI PIEDRITTI

Nel presente capitolo vengono eseguite le verifiche strutturali della soletta superiore; si utilizza nelle verifiche una sezione rettangolare 100cm × 30cm.

La sezione risulta armata come segue:

- Intradosso: ∅ 20 / 15 cm (ripartitori esterni: ∅ 10 / 15 cm)
- Estradosso: ∅ 20 / 15 cm (ripartitori esterni: ∅ 10/ 15 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	-289.04	25.37	32.17	*Momento massimo*
1	**SLE-CAR-127 MAX**	0.000	-210.05	-148.66	-116.72	*Momento minimo*

SOLLECITAZIONI A STATO LIMITE DI FESSURAZIONE						
Asta	**Comb.**	**Dist. [m]**	**N [kN]**	**V [kN]**	**M [kNm]**	**Note**
1	**FESS-QP-05 MAX**	1.068	-224.09	-2.67	1.35	*Momento massimo (comb. QP)*
1	**FESS-QP-15 MAX**	0.000	-216.96	-115.92	-80.06	*Momento minimo (comb. QP)*
3	**FESS-FR-54 MAX**	0.000	-262.06	0.72	2.36	*Momento massimo (comb. FR)*
1	**FESS-FR-63 MAX**	0.000	-228.31	-122.79	-85.79	*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	-313.72	14.55	66.74	*Momento massimo*
1	**SLU-STR-127 MAX**	0.000	-283.56	-200.06	-157.03	*Momento minimo*
1	**SLU-STR-127 MAX**	0.000	-283.56	200.06	-157.03	*Taglio massimo*

8.6.1 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    30.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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        =      32.2(KN.m)
Sforzo normale =    -289.0(KN)

Compressione massima nel calcestruzzo   =   -2.94(N/mm²)
Trazione massima nell'acciaio           =   15.73(N/mm²)
Distanza asse neutro da lembo compresso =   17.7 (cm)
Braccio di leva interno           =   16.7 (cm)

Condizione di carico 2

Momento        =    -116.7(KN.m)
Sforzo normale =    -210.1(KN)

Compressione massima nel calcestruzzo   =  -10.69(N/mm²)
Trazione massima nell'acciaio           =  221.56(N/mm²)
Distanza asse neutro da lembo compresso =   10.1 (cm)
Braccio di leva interno           =   20.3 (cm)

Condizione di carico 3

Momento        =       2.4(KN.m)
Sforzo normale =    -262.1(KN)

La sezione non si parzializza
Compressione massima nel calcestruzzo   =   -0.86(N/mm²)
Compressione minima nel calcestruzzo    =   -0.60(N/mm²)

Condizione di carico 4

Momento        =     -85.8(KN.m)
Sforzo normale =    -228.3(KN)

Compressione massima nel calcestruzzo   =   -7.89(N/mm²)
```

```
Trazione massima nell'acciaio           =  145.82(N/mm²)
Distanza asse neutro da lembo compresso =   10.8 (cm)
Braccio di leva interno           =   20.0 (cm)
```

Condizione di carico 5

```
Momento        =       1.4(KN.m)
Sforzo normale =    -224.1(KN)

La sezione non si parzializza
Compressione massima nel calcestruzzo   =   -0.70(N/mm²)
Compressione minima nel calcestruzzo    =   -0.55(N/mm²)
```

Condizione di carico 6

```
Momento        =     -80.1(KN.m)
Sforzo normale =    -217.0(KN)

Compressione massima nel calcestruzzo   =   -7.36(N/mm²)
Trazione massima nell'acciaio           =  135.34(N/mm²)
Distanza asse neutro da lembo compresso =   10.8 (cm)
Braccio di leva interno           =   20.0 (cm)
```

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

8.6.2 VERIFICHE A STATO LIMITE DI FESSURAZIONE

8.6.2.1 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    30.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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                      =  15.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento = 2.7E-02 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  42.80 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -50.95 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  17.1 cm
Altezza del tirante ideale         =  17.1 cm
Densità d'armatura del tirante ideale =  1.229 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  21.1 cm
Momento di fessurazione; Trazione acciaio =   152.8 (N/mm²)
Coeff. K_3 ( =[0.25·(σ_1+σ_2) / (2· σ_1)] )      =  0.125
Trazione nell'acciaio per il calcolo della fessura =   135.34 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · σ_sm / E_s)     = 0.0618 - 0.0618 mm
```

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

8.6.2.2 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    30.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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                      =  15.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento = 2.661E-02 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  42.87 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -51.04 (KN.m)

Stadio non fessurato
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  17.0 cm
Altezza del tirante ideale         =  17.0 cm
Densità d'armatura del tirante ideale =  1.231 %

Stadio fessurato
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  21.1 cm
Momento di fessurazione; Trazione acciaio =   152.5 (N/mm²)
Coeff. K_3 ( =[0.25·(σ_1+σ_2) / (2· σ_1)] )     =  0.125
Trazione nell'acciaio per il calcolo della fessura =   145.82 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · σ_sm / E_s)     = 0.0665 - 0.0754 mm
```

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

8.6.3 VERIFICHE A STATO LIMITE ULTIMO

8.6.3.1 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    30.0   b3   100.0

Descrizione dell'armatura normale

6.67 ø20 mm posizionati a     6.0 cm da intradosso
6.67 ø20 mm posizionati a    24.0 cm da intradosso

Area armatura normale = 4190.9 (mm²)     a    15.0 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:  Rck  =   30.00(N/mm²)
Resistenza cubica iniziale (alla tesatura):Rckj  =   20.00(N/mm²)
Soglia di snervamento acciaio normale: Fyk       =  450.00(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 =  7.500 %
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             =   14.11(N/mm²)
Acciaio normale          =  391.30(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  =    -157.0(KN.m)
Sforzo di Progetto  Nd  =    -283.6(KN)

Distanza asse neutro da lembo compresso =    7.3 (cm)
Momento di Rottura  Mr  =    -197.9(KN.m)
Sforzo di Rottura   Nr  =    -284.0(KN)
Rottura nel Dominio  3
Rapporto Mr/Md  =   1.26

Condizione di carico 2
```

```
Momento di Progetto Md  =      66.7(KN.m)
Sforzo di Progetto  Nd  =    -313.7(KN)

Distanza asse neutro da lembo compresso =    7.4 (cm)
Momento di Rottura  Mr  =     200.4(KN.m)
Sforzo di Rottura   Nr  =    -312.2(KN)
Rottura nel Dominio  3
Rapporto Mr/Md  =  3.003
```

8.6.3.2 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:

$$V_{Rd} = [0.18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c + 0.15 \cdot \sigma_{cp}] \cdot b_w \cdot d \geq (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d$$

con: $\begin{cases} k = 1 + (200/d)^{1/2} \leq 2 \\ v_{min} = 0.035 \cdot k^{3/2} \cdot f_{ck}^{3/2} \end{cases}$

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

$\rho_1 = A_{sl} / (b_w \cdot d)$ = rapporto geometrico di armatura longitudinale (≤ 0.02);

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

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}	=	**200.06**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**283.56**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**157.03**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**240**	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°	=	**7**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	2094	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_l	=	0.0087	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.91	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.53	N/mm^2
Tensione media di compress. nella sezione ($\leq 0.2 \times f_{cd}$)	σ_{cp}	=	1.18	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	170.58	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**211.74**	kN

Poichè il taglio sollecitante (V_{Sd}) risulta minore del taglio resistente (V_{Rd}), la sezione risulta verificata senza apposita armatura a taglio.

8.7 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:

$$q_{lim} = \frac{1}{2} \cdot \gamma' \cdot B \cdot N_\gamma \cdot s_\gamma \cdot i_\gamma + c' \cdot N_c \cdot s_c \cdot d_c \cdot i_c + q' \cdot N_q \cdot s_q \cdot d_q \cdot i_q$$

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:*

$$B = B_R - 2 \cdot \frac{M}{N}$$

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:*

$$q' = \gamma_t \cdot D$$

dove: γ_t = peso del terreno di ricoprimento;

D = profondità del piano di posa della fondazione.

- *Coefficienti di capacità portante:*

$$N_q = tg^2\left(45° + \frac{\phi'}{2}\right) \cdot e^{\pi \cdot tg(\phi')}$$

$$N_c = (N_q - 1) \cdot ctg(\phi')$$

$$N_\gamma = 2 \cdot (N_q + 1) \cdot tg(\phi')$$

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

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

$$s_\gamma = 1 + 0.1 \cdot \frac{B}{L} \cdot \frac{1 + sen(\phi')}{1 - sen(\phi')}$$

$$s_q = s_\gamma$$

$$s_c = 1 + 0.2 \cdot \frac{B}{L} \cdot \frac{1 + sen(\phi')}{1 - sen(\phi')}$$

dove: ϕ' = 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:*

$$d_q = 1 + 2 \cdot \frac{D}{B} \cdot tg(\phi') \cdot [1 - sen(\phi')]^2 \qquad \text{per } D/B \le 1$$

$$d_q = 1 + 2 \cdot tg(\phi') \cdot [1 - sen(\phi')]^2 \cdot ctg\left(\frac{D}{B}\right) \qquad \text{per } D/B > 1$$

$$d_c = d_q - \frac{1 - d_q}{N_c \cdot tg(\phi')}$$

dove: ϕ' = 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:*

$$i_\gamma = \left[1 - \frac{H}{N + B \cdot L \cdot c' \cdot ctg(\phi')}\right]^{(m+1)}$$

$$i_q = \left[1 - \frac{H}{N + B \cdot L \cdot c' \cdot ctg(\phi')}\right]^{m} \qquad \text{con: } m = \frac{2 + B/L}{1 + B/L}$$

$$i_c = i_q - \frac{1 - d_q}{N_c \cdot tg(\phi')}$$

dove: ϕ' = 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:

$$\sigma_{Sd} \leq \sigma_{Rd} = \frac{\sigma_{lim}}{\gamma_R}$$

dove: σ_{Sd} = pressione equivalente sul terreno;

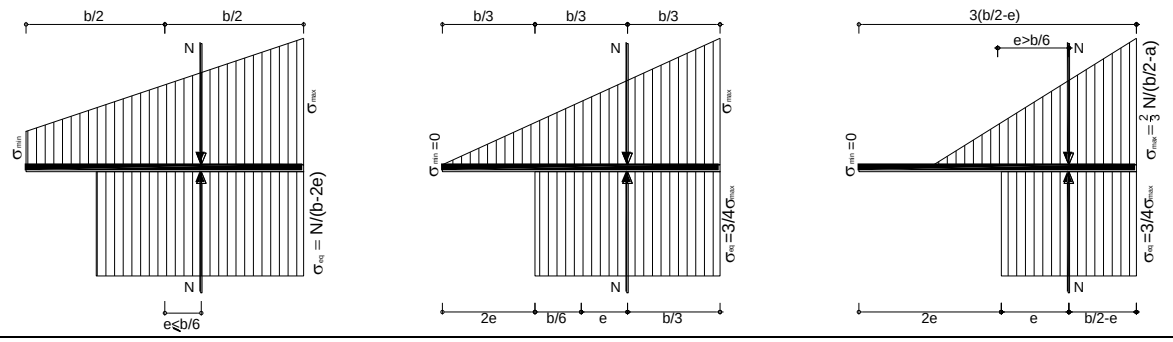
σ_{lim} = portata limite unitaria calcolata secondo Brinch-Hansen;

γ_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 super-ficiali, 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 σ_{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 8.3)
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	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-001 MIN	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-002 MAX	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-002 MIN	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-003 MAX	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-003 MIN	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-004 MAX	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-004 MIN	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-005 MAX	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-005 MIN	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-006 MAX	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-006 MIN	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-007 MAX	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-007 MIN	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-008 MAX	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-008 MIN	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-009 MAX	5	569	4	2.60	214	224	**221**	7964	**4424**
SLU-GEO-009 MIN	5	569	4	2.60	214	224	**221**	7964	**4424**
SLU-GEO-010 MAX	5	569	4	2.60	214	224	**221**	7964	**4424**
SLU-GEO-010 MIN	5	569	4	2.60	214	224	**221**	7964	**4424**
SLU-GEO-011 MAX	5	569	4	2.60	214	224	**221**	7964	**4424**
SLU-GEO-011 MIN	5	569	4	2.60	214	224	**221**	7964	**4424**
SLU-GEO-012 MAX	5	569	4	2.60	214	224	**221**	7964	**4424**
SLU-GEO-012 MIN	5	569	4	2.60	214	224	**221**	7964	**4424**
SLU-GEO-013 MAX	14	569	11	2.60	207	231	**223**	7761	**4312**
SLU-GEO-013 MIN	14	569	11	2.60	207	231	**223**	7761	**4312**
SLU-GEO-014 MAX	14	569	11	2.60	207	231	**223**	7761	**4312**
SLU-GEO-014 MIN	14	569	11	2.60	207	231	**223**	7761	**4312**
SLU-GEO-015 MAX	14	569	11	2.60	207	231	**223**	7761	**4312**
SLU-GEO-015 MIN	14	569	11	2.60	207	231	**223**	7761	**4312**

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	14	569	11	2.60	207	231	**223**	7761	**4312**
SLU-GEO-016 MIN	14	569	11	2.60	207	231	**223**	7761	**4312**
SLU-GEO-017 MAX	5	517	4	2.60	194	204	**201**	7951	**4417**
SLU-GEO-017 MIN	5	517	4	2.60	194	204	**201**	7951	**4417**
SLU-GEO-018 MAX	5	517	4	2.60	194	204	**201**	7951	**4417**
SLU-GEO-018 MIN	5	517	4	2.60	194	204	**201**	7951	**4417**
SLU-GEO-019 MAX	5	517	4	2.60	194	204	**201**	7951	**4417**
SLU-GEO-019 MIN	5	517	4	2.60	194	204	**201**	7951	**4417**
SLU-GEO-020 MAX	5	517	4	2.60	194	204	**201**	7951	**4417**
SLU-GEO-020 MIN	5	517	4	2.60	194	204	**201**	7951	**4417**
SLU-GEO-021 MAX	14	517	11	2.60	187	211	**203**	7728	**4293**
SLU-GEO-021 MIN	14	517	11	2.60	187	211	**203**	7728	**4293**
SLU-GEO-022 MAX	14	517	11	2.60	187	211	**203**	7728	**4293**
SLU-GEO-022 MIN	14	517	11	2.60	187	211	**203**	7728	**4293**
SLU-GEO-023 MAX	14	517	11	2.60	187	211	**203**	7728	**4293**
SLU-GEO-023 MIN	14	517	11	2.60	187	211	**203**	7728	**4293**
SLU-GEO-024 MAX	14	517	11	2.60	187	211	**203**	7728	**4293**
SLU-GEO-024 MIN	14	517	11	2.60	187	211	**203**	7728	**4293**
SLU-GEO-025 MAX	105	539	93	2.60	114	300	**244**	5491	**3051**
SLU-GEO-025 MIN	105	539	93	2.60	114	300	**244**	5491	**3051**
SLU-GEO-026 MAX	105	539	93	2.60	114	300	**244**	5491	**3051**
SLU-GEO-026 MIN	105	539	93	2.60	114	300	**244**	5491	**3051**
SLU-GEO-027 MAX	105	539	93	2.60	114	300	**244**	5491	**3051**
SLU-GEO-027 MIN	105	539	93	2.60	114	300	**244**	5491	**3051**
SLU-GEO-028 MAX	105	539	93	2.60	114	300	**244**	5491	**3051**
SLU-GEO-028 MIN	105	539	93	2.60	114	300	**244**	5491	**3051**
SLU-GEO-029 MAX	105	487	93	2.60	94	280	**225**	5245	**2914**
SLU-GEO-029 MIN	105	487	93	2.60	94	280	**225**	5245	**2914**
SLU-GEO-030 MAX	105	487	93	2.60	94	280	**225**	5245	**2914**
SLU-GEO-030 MIN	105	487	93	2.60	94	280	**225**	5245	**2914**

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-031 MAX	105	487	93	2.60	94	280	**225**	5245	**2914**
SLU-GEO-031 MIN	105	487	93	2.60	94	280	**225**	5245	**2914**
SLU-GEO-032 MAX	105	487	93	2.60	94	280	**225**	5245	**2914**
SLU-GEO-032 MIN	105	487	93	2.60	94	280	**225**	5245	**2914**
SLU-GEO-033 MAX	114	569	101	2.60	118	320	**259**	5425	**3014**
SLU-GEO-033 MIN	114	569	101	2.60	118	320	**259**	5425	**3014**
SLU-GEO-034 MAX	114	569	101	2.60	118	320	**259**	5425	**3014**
SLU-GEO-034 MIN	114	569	101	2.60	118	320	**259**	5425	**3014**
SLU-GEO-035 MAX	114	569	101	2.60	118	320	**259**	5425	**3014**
SLU-GEO-035 MIN	114	569	101	2.60	118	320	**259**	5425	**3014**
SLU-GEO-036 MAX	114	569	101	2.60	118	320	**259**	5425	**3014**
SLU-GEO-036 MIN	114	569	101	2.60	118	320	**259**	5425	**3014**
SLU-GEO-037 MAX	118	569	104	2.60	114	324	**261**	5343	**2968**
SLU-GEO-037 MIN	118	569	104	2.60	114	324	**261**	5343	**2968**
SLU-GEO-038 MAX	118	569	104	2.60	114	324	**261**	5343	**2968**
SLU-GEO-038 MIN	118	569	104	2.60	114	324	**261**	5343	**2968**
SLU-GEO-039 MAX	118	569	104	2.60	114	324	**261**	5343	**2968**
SLU-GEO-039 MIN	118	569	104	2.60	114	324	**261**	5343	**2968**
SLU-GEO-040 MAX	118	569	104	2.60	114	324	**261**	5343	**2968**
SLU-GEO-040 MIN	118	569	104	2.60	114	324	**261**	5343	**2968**
SLU-GEO-041 MAX	114	517	101	2.60	98	300	**240**	5189	**2883**
SLU-GEO-041 MIN	114	517	101	2.60	98	300	**240**	5189	**2883**
SLU-GEO-042 MAX	114	517	101	2.60	98	300	**240**	5189	**2883**
SLU-GEO-042 MIN	114	517	101	2.60	98	300	**240**	5189	**2883**
SLU-GEO-043 MAX	114	517	101	2.60	98	300	**240**	5189	**2883**
SLU-GEO-043 MIN	114	517	101	2.60	98	300	**240**	5189	**2883**
SLU-GEO-044 MAX	114	517	101	2.60	98	300	**240**	5189	**2883**
SLU-GEO-044 MIN	114	517	101	2.60	98	300	**240**	5189	**2883**
SLU-GEO-045 MAX	118	517	104	2.60	94	304	**241**	5100	**2833**
SLU-GEO-045 MIN	118	517	104	2.60	94	304	**241**	5100	**2833**

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	118	517	104	2.60	94	304	**241**	5100	**2833**
SLU-GEO-046 MIN	118	517	104	2.60	94	304	**241**	5100	**2833**
SLU-GEO-047 MAX	118	517	104	2.60	94	304	**241**	5100	**2833**
SLU-GEO-047 MIN	118	517	104	2.60	94	304	**241**	5100	**2833**
SLU-GEO-048 MAX	118	517	104	2.60	94	304	**241**	5100	**2833**
SLU-GEO-048 MIN	118	517	104	2.60	94	304	**241**	5100	**2833**
SLU-GEO-049 MAX	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-049 MIN	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-050 MAX	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-050 MIN	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-051 MAX	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-051 MIN	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-052 MAX	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-052 MIN	0	539	0	2.60	207	207	**207**	8094	**4497**
SLU-GEO-053 MAX	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-053 MIN	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-054 MAX	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-054 MIN	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-055 MAX	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-055 MIN	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-056 MAX	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-056 MIN	0	487	0	2.60	187	187	**187**	8094	**4497**
SLU-GEO-057 MAX	3	569	3	2.60	216	222	**220**	8013	**4452**
SLU-GEO-057 MIN	3	569	3	2.60	216	222	**220**	8013	**4452**
SLU-GEO-058 MAX	3	569	3	2.60	216	222	**220**	8013	**4452**
SLU-GEO-058 MIN	3	569	3	2.60	216	222	**220**	8013	**4452**
SLU-GEO-059 MAX	3	569	3	2.60	216	222	**220**	8013	**4452**
SLU-GEO-059 MIN	3	569	3	2.60	216	222	**220**	8013	**4452**
SLU-GEO-060 MAX	3	569	3	2.60	216	222	**220**	8013	**4452**
SLU-GEO-060 MIN	3	569	3	2.60	216	222	**220**	8013	**4452**

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	8	569	7	2.60	212	226	**221**	7887	**4382**
SLU-GEO-061 MIN	8	569	7	2.60	212	226	**221**	7887	**4382**
SLU-GEO-062 MAX	8	569	7	2.60	212	226	**221**	7887	**4382**
SLU-GEO-062 MIN	8	569	7	2.60	212	226	**221**	7887	**4382**
SLU-GEO-063 MAX	8	569	7	2.60	212	226	**221**	7887	**4382**
SLU-GEO-063 MIN	8	569	7	2.60	212	226	**221**	7887	**4382**
SLU-GEO-064 MAX	8	569	7	2.60	212	226	**221**	7887	**4382**
SLU-GEO-064 MIN	8	569	7	2.60	212	226	**221**	7887	**4382**
SLU-GEO-065 MAX	3	517	3	2.60	196	202	**200**	8005	**4447**
SLU-GEO-065 MIN	3	517	3	2.60	196	202	**200**	8005	**4447**
SLU-GEO-066 MAX	3	517	3	2.60	196	202	**200**	8005	**4447**
SLU-GEO-066 MIN	3	517	3	2.60	196	202	**200**	8005	**4447**
SLU-GEO-067 MAX	3	517	3	2.60	196	202	**200**	8005	**4447**
SLU-GEO-067 MIN	3	517	3	2.60	196	202	**200**	8005	**4447**
SLU-GEO-068 MAX	3	517	3	2.60	196	202	**200**	8005	**4447**
SLU-GEO-068 MIN	3	517	3	2.60	196	202	**200**	8005	**4447**
SLU-GEO-069 MAX	8	517	7	2.60	192	206	**201**	7866	**4370**
SLU-GEO-069 MIN	8	517	7	2.60	192	206	**201**	7866	**4370**
SLU-GEO-070 MAX	8	517	7	2.60	192	206	**201**	7866	**4370**
SLU-GEO-070 MIN	8	517	7	2.60	192	206	**201**	7866	**4370**
SLU-GEO-071 MAX	8	517	7	2.60	192	206	**201**	7866	**4370**
SLU-GEO-071 MIN	8	517	7	2.60	192	206	**201**	7866	**4370**
SLU-GEO-072 MAX	8	517	7	2.60	192	206	**201**	7866	**4370**
SLU-GEO-072 MIN	8	517	7	2.60	192	206	**201**	7866	**4370**
SLU-GEO-073 MAX	65	539	57	2.60	150	265	**229**	6419	**3566**
SLU-GEO-073 MIN	65	539	57	2.60	150	265	**229**	6419	**3566**
SLU-GEO-074 MAX	65	539	57	2.60	150	265	**229**	6419	**3566**
SLU-GEO-074 MIN	65	539	57	2.60	150	265	**229**	6419	**3566**
SLU-GEO-075 MAX	65	539	57	2.60	150	265	**229**	6419	**3566**
SLU-GEO-075 MIN	65	539	57	2.60	150	265	**229**	6419	**3566**

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	65	539	57	2.60	150	265	**229**	6419	**3566**
SLU-GEO-076 MIN	65	539	57	2.60	150	265	**229**	6419	**3566**
SLU-GEO-077 MAX	65	487	57	2.60	130	245	**209**	6252	**3474**
SLU-GEO-077 MIN	65	487	57	2.60	130	245	**209**	6252	**3474**
SLU-GEO-078 MAX	65	487	57	2.60	130	245	**209**	6252	**3474**
SLU-GEO-078 MIN	65	487	57	2.60	130	245	**209**	6252	**3474**
SLU-GEO-079 MAX	65	487	57	2.60	130	245	**209**	6252	**3474**
SLU-GEO-079 MIN	65	487	57	2.60	130	245	**209**	6252	**3474**
SLU-GEO-080 MAX	65	487	57	2.60	130	245	**209**	6252	**3474**
SLU-GEO-080 MIN	65	487	57	2.60	130	245	**209**	6252	**3474**
SLU-GEO-081 MAX	71	569	62	2.60	156	282	**242**	6374	**3541**
SLU-GEO-081 MIN	71	569	62	2.60	156	282	**242**	6374	**3541**
SLU-GEO-082 MAX	71	569	62	2.60	156	282	**242**	6374	**3541**
SLU-GEO-082 MIN	71	569	62	2.60	156	282	**242**	6374	**3541**
SLU-GEO-083 MAX	71	569	62	2.60	156	282	**242**	6374	**3541**
SLU-GEO-083 MIN	71	569	62	2.60	156	282	**242**	6374	**3541**
SLU-GEO-084 MAX	71	569	62	2.60	156	282	**242**	6374	**3541**
SLU-GEO-084 MIN	71	569	62	2.60	156	282	**242**	6374	**3541**
SLU-GEO-085 MAX	73	569	65	2.60	154	284	**243**	6319	**3510**
SLU-GEO-085 MIN	73	569	65	2.60	154	284	**243**	6319	**3510**
SLU-GEO-086 MAX	73	569	65	2.60	154	284	**243**	6319	**3510**
SLU-GEO-086 MIN	73	569	65	2.60	154	284	**243**	6319	**3510**
SLU-GEO-087 MAX	73	569	65	2.60	154	284	**243**	6319	**3510**
SLU-GEO-087 MIN	73	569	65	2.60	154	284	**243**	6319	**3510**
SLU-GEO-088 MAX	73	569	65	2.60	154	284	**243**	6319	**3510**
SLU-GEO-088 MIN	73	569	65	2.60	154	284	**243**	6319	**3510**
SLU-GEO-089 MAX	71	517	62	2.60	136	262	**222**	6214	**3452**
SLU-GEO-089 MIN	71	517	62	2.60	136	262	**222**	6214	**3452**
SLU-GEO-090 MAX	71	517	62	2.60	136	262	**222**	6214	**3452**
SLU-GEO-090 MIN	71	517	62	2.60	136	262	**222**	6214	**3452**

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	71	517	62	2.60	136	262	**222**	6214	**3452**
SLU-GEO-091 MIN	71	517	62	2.60	136	262	**222**	6214	**3452**
SLU-GEO-092 MAX	71	517	62	2.60	136	262	**222**	6214	**3452**
SLU-GEO-092 MIN	71	517	62	2.60	136	262	**222**	6214	**3452**
SLU-GEO-093 MAX	73	517	65	2.60	134	264	**223**	6153	**3418**
SLU-GEO-093 MIN	73	517	65	2.60	134	264	**223**	6153	**3418**
SLU-GEO-094 MAX	73	517	65	2.60	134	264	**223**	6153	**3418**
SLU-GEO-094 MIN	73	517	65	2.60	134	264	**223**	6153	**3418**
SLU-GEO-095 MAX	73	517	65	2.60	134	264	**223**	6153	**3418**
SLU-GEO-095 MIN	73	517	65	2.60	134	264	**223**	6153	**3418**
SLU-GEO-096 MAX	73	517	65	2.60	134	264	**223**	6153	**3418**
SLU-GEO-096 MIN	73	517	65	2.60	134	264	**223**	6153	**3418**
SLU-GEO-097 MAX	131	579	59	2.60	107	339	**270**	6442	**3579**
SLU-GEO-097 MIN	131	579	59	2.60	107	339	**270**	6442	**3579**
SLU-GEO-098 MAX	131	579	59	2.60	107	339	**270**	6442	**3579**
SLU-GEO-098 MIN	131	579	59	2.60	107	339	**270**	6442	**3579**
SLU-GEO-099 MAX	131	579	59	2.60	107	339	**270**	6442	**3579**
SLU-GEO-099 MIN	131	579	59	2.60	107	339	**270**	6442	**3579**
SLU-GEO-100 MAX	131	579	59	2.60	107	339	**270**	6442	**3579**
SLU-GEO-100 MIN	131	579	59	2.60	107	339	**270**	6442	**3579**
SLU-GEO-101 MAX	142	579	68	2.60	97	349	**275**	6206	**3448**
SLU-GEO-101 MIN	142	579	68	2.60	97	349	**275**	6206	**3448**
SLU-GEO-102 MAX	142	579	68	2.60	97	349	**275**	6206	**3448**
SLU-GEO-102 MIN	142	579	68	2.60	97	349	**275**	6206	**3448**
SLU-GEO-103 MAX	142	579	68	2.60	97	349	**275**	6206	**3448**
SLU-GEO-103 MIN	142	579	68	2.60	97	349	**275**	6206	**3448**
SLU-GEO-104 MAX	142	579	68	2.60	97	349	**275**	6206	**3448**
SLU-GEO-104 MIN	142	579	68	2.60	97	349	**275**	6206	**3448**
SLU-GEO-105 MAX	131	527	59	2.60	87	319	**251**	6291	**3495**
SLU-GEO-105 MIN	131	527	59	2.60	87	319	**251**	6291	**3495**

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	131	527	59	2.60	87	319	**251**	6291	**3495**
SLU-GEO-106 MIN	131	527	59	2.60	87	319	**251**	6291	**3495**
SLU-GEO-107 MAX	131	527	59	2.60	87	319	**251**	6291	**3495**
SLU-GEO-107 MIN	131	527	59	2.60	87	319	**251**	6291	**3495**
SLU-GEO-108 MAX	131	527	59	2.60	87	319	**251**	6291	**3495**
SLU-GEO-108 MIN	131	527	59	2.60	87	319	**251**	6291	**3495**
SLU-GEO-109 MAX	142	527	68	2.60	77	329	**256**	6036	**3353**
SLU-GEO-109 MIN	142	527	68	2.60	77	329	**256**	6036	**3353**
SLU-GEO-110 MAX	142	527	68	2.60	77	329	**256**	6036	**3353**
SLU-GEO-110 MIN	142	527	68	2.60	77	329	**256**	6036	**3353**
SLU-GEO-111 MAX	142	527	68	2.60	77	329	**256**	6036	**3353**
SLU-GEO-111 MIN	142	527	68	2.60	77	329	**256**	6036	**3353**
SLU-GEO-112 MAX	142	527	68	2.60	77	329	**256**	6036	**3353**
SLU-GEO-112 MIN	142	527	68	2.60	77	329	**256**	6036	**3353**
SLU-GEO-113 MAX	241	579	156	2.60	9	437	**328**	4217	**2343**
SLU-GEO-113 MIN	241	579	156	2.60	9	437	**328**	4217	**2343**
SLU-GEO-114 MAX	241	579	156	2.60	9	437	**328**	4217	**2343**
SLU-GEO-114 MIN	241	579	156	2.60	9	437	**328**	4217	**2343**
SLU-GEO-115 MAX	241	579	156	2.60	9	437	**328**	4217	**2343**
SLU-GEO-115 MIN	241	579	156	2.60	9	437	**328**	4217	**2343**
SLU-GEO-116 MAX	241	579	156	2.60	9	437	**328**	4217	**2343**
SLU-GEO-116 MIN	241	579	156	2.60	9	437	**328**	4217	**2343**
SLU-GEO-117 MAX	247	579	161	2.60	4	442	**331**	4122	**2290**
SLU-GEO-117 MIN	247	579	161	2.60	4	442	**331**	4122	**2290**
SLU-GEO-118 MAX	247	579	161	2.60	4	442	**331**	4122	**2290**
SLU-GEO-118 MIN	247	579	161	2.60	4	442	**331**	4122	**2290**
SLU-GEO-119 MAX	247	579	161	2.60	4	442	**331**	4122	**2290**
SLU-GEO-119 MIN	247	579	161	2.60	4	442	**331**	4122	**2290**
SLU-GEO-120 MAX	247	579	161	2.60	4	442	**331**	4122	**2290**
SLU-GEO-120 MIN	247	579	161	2.60	4	442	**331**	4122	**2290**

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	241	527	156	2.53	0	417	**313**	3907	**2171**
SLU-GEO-121 MIN	241	527	156	2.53	0	417	**313**	3907	**2171**
SLU-GEO-122 MAX	241	527	156	2.53	0	417	**313**	3907	**2171**
SLU-GEO-122 MIN	241	527	156	2.53	0	417	**313**	3907	**2171**
SLU-GEO-123 MAX	241	527	156	2.53	0	417	**313**	3907	**2171**
SLU-GEO-123 MIN	241	527	156	2.53	0	417	**313**	3907	**2171**
SLU-GEO-124 MAX	241	527	156	2.53	0	417	**313**	3907	**2171**
SLU-GEO-124 MIN	241	527	156	2.53	0	417	**313**	3907	**2171**
SLU-GEO-125 MAX	247	527	161	2.50	0	423	**317**	3808	**2115**
SLU-GEO-125 MIN	247	527	161	2.50	0	423	**317**	3808	**2115**
SLU-GEO-126 MAX	247	527	161	2.50	0	423	**317**	3808	**2115**
SLU-GEO-126 MIN	247	527	161	2.50	0	423	**317**	3808	**2115**
SLU-GEO-127 MAX	247	527	161	2.50	0	423	**317**	3808	**2115**
SLU-GEO-127 MIN	247	527	161	2.50	0	423	**317**	3808	**2115**
SLU-GEO-128 MAX	247	527	161	2.50	0	423	**317**	3808	**2115**
SLU-GEO-128 MIN	247	527	161	2.50	0	423	**317**	3808	**2115**
SLU-GEO-129 MAX	128	579	56	2.60	109	337	**269**	6499	**3611**
SLU-GEO-129 MIN	128	579	56	2.60	109	337	**269**	6499	**3611**
SLU-GEO-130 MAX	128	579	56	2.60	109	337	**269**	6499	**3611**
SLU-GEO-130 MIN	128	579	56	2.60	109	337	**269**	6499	**3611**
SLU-GEO-131 MAX	128	579	56	2.60	109	337	**269**	6499	**3611**
SLU-GEO-131 MIN	128	579	56	2.60	109	337	**269**	6499	**3611**
SLU-GEO-132 MAX	128	579	56	2.60	109	337	**269**	6499	**3611**
SLU-GEO-132 MIN	128	579	56	2.60	109	337	**269**	6499	**3611**
SLU-GEO-133 MAX	135	579	62	2.60	103	343	**272**	6352	**3529**
SLU-GEO-133 MIN	135	579	62	2.60	103	343	**272**	6352	**3529**
SLU-GEO-134 MAX	135	579	62	2.60	103	343	**272**	6352	**3529**
SLU-GEO-134 MIN	135	579	62	2.60	103	343	**272**	6352	**3529**
SLU-GEO-135 MAX	135	579	62	2.60	103	343	**272**	6352	**3529**
SLU-GEO-135 MIN	135	579	62	2.60	103	343	**272**	6352	**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-GEO-136 MAX	135	579	62	2.60	103	343	**272**	6352	**3529**
SLU-GEO-136 MIN	135	579	62	2.60	103	343	**272**	6352	**3529**
SLU-GEO-137 MAX	128	527	56	2.60	89	317	**249**	6353	**3529**
SLU-GEO-137 MIN	128	527	56	2.60	89	317	**249**	6353	**3529**
SLU-GEO-138 MAX	128	527	56	2.60	89	317	**249**	6353	**3529**
SLU-GEO-138 MIN	128	527	56	2.60	89	317	**249**	6353	**3529**
SLU-GEO-139 MAX	128	527	56	2.60	89	317	**249**	6353	**3529**
SLU-GEO-139 MIN	128	527	56	2.60	89	317	**249**	6353	**3529**
SLU-GEO-140 MAX	128	527	56	2.60	89	317	**249**	6353	**3529**
SLU-GEO-140 MIN	128	527	56	2.60	89	317	**249**	6353	**3529**
SLU-GEO-141 MAX	135	527	62	2.60	83	323	**253**	6194	**3441**
SLU-GEO-141 MIN	135	527	62	2.60	83	323	**253**	6194	**3441**
SLU-GEO-142 MAX	135	527	62	2.60	83	323	**253**	6194	**3441**
SLU-GEO-142 MIN	135	527	62	2.60	83	323	**253**	6194	**3441**
SLU-GEO-143 MAX	135	527	62	2.60	83	323	**253**	6194	**3441**
SLU-GEO-143 MIN	135	527	62	2.60	83	323	**253**	6194	**3441**
SLU-GEO-144 MAX	135	527	62	2.60	83	323	**253**	6194	**3441**
SLU-GEO-144 MIN	135	527	62	2.60	83	323	**253**	6194	**3441**
SLU-GEO-145 MAX	197	579	117	2.60	48	397	**302**	5056	**2809**
SLU-GEO-145 MIN	197	579	117	2.60	48	397	**302**	5056	**2809**
SLU-GEO-146 MAX	197	579	117	2.60	48	397	**302**	5056	**2809**
SLU-GEO-146 MIN	197	579	117	2.60	48	397	**302**	5056	**2809**
SLU-GEO-147 MAX	197	579	117	2.60	48	397	**302**	5056	**2809**
SLU-GEO-147 MIN	197	579	117	2.60	48	397	**302**	5056	**2809**
SLU-GEO-148 MAX	197	579	117	2.60	48	397	**302**	5056	**2809**
SLU-GEO-148 MIN	197	579	117	2.60	48	397	**302**	5056	**2809**
SLU-GEO-149 MAX	200	579	120	2.60	45	400	**303**	4992	**2773**
SLU-GEO-149 MIN	200	579	120	2.60	45	400	**303**	4992	**2773**
SLU-GEO-150 MAX	200	579	120	2.60	45	400	**303**	4992	**2773**
SLU-GEO-150 MIN	200	579	120	2.60	45	400	**303**	4992	**2773**

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	200	579	120	2.60	45	400	**303**	4992	**2773**
SLU-GEO-151 MIN	200	579	120	2.60	45	400	**303**	4992	**2773**
SLU-GEO-152 MAX	200	579	120	2.60	45	400	**303**	4992	**2773**
SLU-GEO-152 MIN	200	579	120	2.60	45	400	**303**	4992	**2773**
SLU-GEO-153 MAX	197	527	117	2.60	28	377	**284**	4798	**2666**
SLU-GEO-153 MIN	197	527	117	2.60	28	377	**284**	4798	**2666**
SLU-GEO-154 MAX	197	527	117	2.60	28	377	**284**	4798	**2666**
SLU-GEO-154 MIN	197	527	117	2.60	28	377	**284**	4798	**2666**
SLU-GEO-155 MAX	197	527	117	2.60	28	377	**284**	4798	**2666**
SLU-GEO-155 MIN	197	527	117	2.60	28	377	**284**	4798	**2666**
SLU-GEO-156 MAX	197	527	117	2.60	28	377	**284**	4798	**2666**
SLU-GEO-156 MIN	197	527	117	2.60	28	377	**284**	4798	**2666**
SLU-GEO-157 MAX	200	527	120	2.60	25	380	**286**	4730	**2628**
SLU-GEO-157 MIN	200	527	120	2.60	25	380	**286**	4730	**2628**
SLU-GEO-158 MAX	200	527	120	2.60	25	380	**286**	4730	**2628**
SLU-GEO-158 MIN	200	527	120	2.60	25	380	**286**	4730	**2628**
SLU-GEO-159 MAX	200	527	120	2.60	25	380	**286**	4730	**2628**
SLU-GEO-159 MIN	200	527	120	2.60	25	380	**286**	4730	**2628**
SLU-GEO-160 MAX	200	527	120	2.60	25	380	**286**	4730	**2628**
SLU-GEO-160 MIN	200	527	120	2.60	25	380	**286**	4730	**2628**
SLU-SIS-01 MAX	382	542	198	1.79	0	607	**455**	3121	**1734**
SLU-SIS-01 MIN	382	542	198	1.79	0	607	**455**	3121	**1734**
SLU-SIS-02 MAX	382	542	198	1.79	0	607	**455**	3121	**1734**
SLU-SIS-02 MIN	382	542	198	1.79	0	607	**455**	3121	**1734**
SLU-SIS-03 MAX	382	542	198	1.79	0	607	**455**	3121	**1734**
SLU-SIS-03 MIN	382	542	198	1.79	0	607	**455**	3121	**1734**
SLU-SIS-04 MAX	382	542	198	1.79	0	607	**455**	3121	**1734**
SLU-SIS-04 MIN	382	542	198	1.79	0	607	**455**	3121	**1734**
SLU-SIS-05 MAX	380	501	196	1.62	0	617	**463**	2856	**1587**
SLU-SIS-05 MIN	380	501	196	1.62	0	617	**463**	2856	**1587**

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	380	501	196	1.62	0	617	**463**	2856	**1587**
SLU-SIS-06 MIN	380	501	196	1.62	0	617	**463**	2856	**1587**
SLU-SIS-07 MAX	380	501	196	1.62	0	617	**463**	2856	**1587**
SLU-SIS-07 MIN	380	501	196	1.62	0	617	**463**	2856	**1587**
SLU-SIS-08 MAX	380	501	196	1.62	0	617	**463**	2856	**1587**
SLU-SIS-08 MIN	380	501	196	1.62	0	617	**463**	2856	**1587**
SLU-SIS-09 MAX	59	577	10	2.60	170	274	**241**	7762	**4312**
SLU-SIS-09 MIN	59	577	10	2.60	170	274	**241**	7762	**4312**
SLU-SIS-10 MAX	59	577	10	2.60	170	274	**241**	7762	**4312**
SLU-SIS-10 MIN	59	577	10	2.60	170	274	**241**	7762	**4312**
SLU-SIS-11 MAX	59	577	10	2.60	170	274	**241**	7762	**4312**
SLU-SIS-11 MIN	59	577	10	2.60	170	274	**241**	7762	**4312**
SLU-SIS-12 MAX	59	577	10	2.60	170	274	**241**	7762	**4312**
SLU-SIS-12 MIN	59	577	10	2.60	170	274	**241**	7762	**4312**
SLU-SIS-13 MAX	58	532	9	2.60	153	256	**223**	7752	**4307**
SLU-SIS-13 MIN	58	532	9	2.60	153	256	**223**	7752	**4307**
SLU-SIS-14 MAX	58	532	9	2.60	153	256	**223**	7752	**4307**
SLU-SIS-14 MIN	58	532	9	2.60	153	256	**223**	7752	**4307**
SLU-SIS-15 MAX	58	532	9	2.60	153	256	**223**	7752	**4307**
SLU-SIS-15 MIN	58	532	9	2.60	153	256	**223**	7752	**4307**
SLU-SIS-16 MAX	58	532	9	2.60	153	256	**223**	7752	**4307**
SLU-SIS-16 MIN	58	532	9	2.60	153	256	**223**	7752	**4307**
SLU-SIS-17 MAX	62	542	55	2.60	154	263	**228**	6496	**3609**
SLU-SIS-17 MIN	62	542	55	2.60	154	263	**228**	6496	**3609**
SLU-SIS-18 MAX	62	542	55	2.60	154	263	**228**	6496	**3609**
SLU-SIS-18 MIN	62	542	55	2.60	154	263	**228**	6496	**3609**
SLU-SIS-19 MAX	62	542	55	2.60	154	263	**228**	6496	**3609**
SLU-SIS-19 MIN	62	542	55	2.60	154	263	**228**	6496	**3609**
SLU-SIS-20 MAX	62	542	55	2.60	154	263	**228**	6496	**3609**
SLU-SIS-20 MIN	62	542	55	2.60	154	263	**228**	6496	**3609**

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	60	501	53	2.60	139	246	**212**	6430	**3572**
SLU-SIS-21 MIN	60	501	53	2.60	139	246	**212**	6430	**3572**
SLU-SIS-22 MAX	60	501	53	2.60	139	246	**212**	6430	**3572**
SLU-SIS-22 MIN	60	501	53	2.60	139	246	**212**	6430	**3572**
SLU-SIS-23 MAX	60	501	53	2.60	139	246	**212**	6430	**3572**
SLU-SIS-23 MIN	60	501	53	2.60	139	246	**212**	6430	**3572**
SLU-SIS-24 MAX	60	501	53	2.60	139	246	**212**	6430	**3572**
SLU-SIS-24 MIN	60	501	53	2.60	139	246	**212**	6430	**3572**
SLU-SIS-25 MAX	44	577	39	2.60	183	261	**236**	7018	**3899**
SLU-SIS-25 MIN	44	577	39	2.60	183	261	**236**	7018	**3899**
SLU-SIS-26 MAX	44	577	39	2.60	183	261	**236**	7018	**3899**
SLU-SIS-26 MIN	44	577	39	2.60	183	261	**236**	7018	**3899**
SLU-SIS-27 MAX	44	577	39	2.60	183	261	**236**	7018	**3899**
SLU-SIS-27 MIN	44	577	39	2.60	183	261	**236**	7018	**3899**
SLU-SIS-28 MAX	44	577	39	2.60	183	261	**236**	7018	**3899**
SLU-SIS-28 MIN	44	577	39	2.60	183	261	**236**	7018	**3899**
SLU-SIS-29 MAX	44	532	39	2.60	165	244	**219**	6914	**3841**
SLU-SIS-29 MIN	44	532	39	2.60	165	244	**219**	6914	**3841**
SLU-SIS-30 MAX	44	532	39	2.60	165	244	**219**	6914	**3841**
SLU-SIS-30 MIN	44	532	39	2.60	165	244	**219**	6914	**3841**
SLU-SIS-31 MAX	44	532	39	2.60	165	244	**219**	6914	**3841**
SLU-SIS-31 MIN	44	532	39	2.60	165	244	**219**	6914	**3841**
SLU-SIS-32 MAX	44	532	39	2.60	165	244	**219**	6914	**3841**
SLU-SIS-32 MIN	44	532	39	2.60	165	244	**219**	6914	**3841**

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

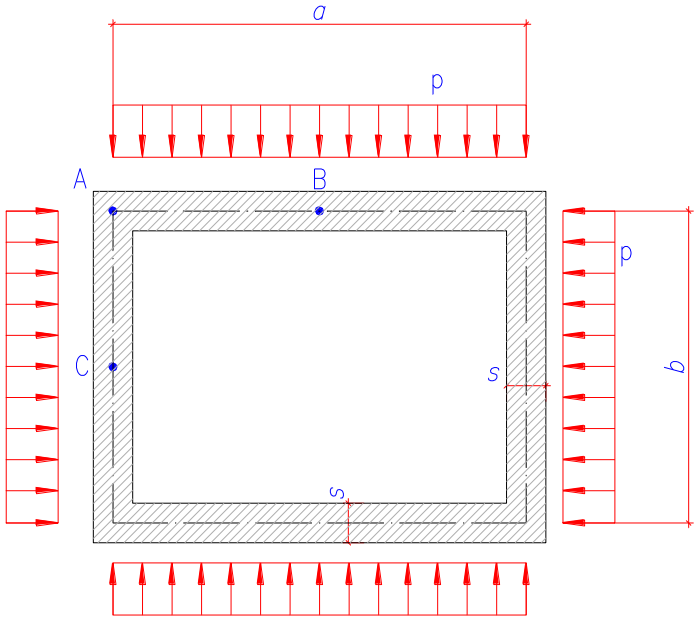
9 ANALISI MANUFATTO D'IMBOCCO

Per il dimensionamento delle camerette di ispezione si considera il massimo ricoprimento H = 10 m e le massime dimensioni in pianta 2.5 m x 2.5 m, lo spessore delle pareti è pari a 0.40 m.

9.1 ANALISI STATICA RITTI SEZIONE TRASVERSALE

9.1.1 SCHEMA STATICO

L'analisi statica è stata svolta studiando tre sezioni trasversali della cameretta di ispezione, di dimensioni $a \times b$, 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)
2.5 × 2.5	0.40	10.0

9.1.2 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:

$$S_T = k_0 \cdot \gamma \cdot h_T = 0.38 \cdot 20 \cdot 10 = 76\,kN/m^2$$

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.

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

9.1.3 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	$p = S_T + S_{ACC} =$	83.60 kN/m^2
SLU	$p = 1.35 \cdot S_T + 1.35 \cdot S_{ACC} =$	112.86 kN/m^2
FESS_QP	$p = S_T =$	76.00 kN/m^2
FESS_FR	$p = S_T + 0.7 \cdot S_{ACC} =$	81.32 kN/m^2

Considerando il rapporto k dato da:

$$k = \frac{b}{a} = 1.00$$

$$N_B = \frac{p \cdot b}{2} \; ; \; M_A = \frac{p \cdot \left(a^2 + b^2 \cdot k\right)}{12 \cdot (1+k)} ; \; M_B = -\frac{p \cdot a^2}{8} + M_A \, , \; N_C = \frac{p \cdot a}{2} ; \; M_C = -\frac{p \cdot b^2}{8} + M_A ; \; T_{MAX} = N_B = N_C$$

si ottengono le seguenti sollecitazioni:

	N_B [kN]	M_A [kNm]	M_B [kNm]	N_c [kN]	M_C [kNm]	T_{MAX} [kN]
SLE	121.22	58.59	-29.29	121.22	-29.29	121.22
SLU	163.65	79.10	-39.55	163.65	-39.55	163.65
FESS_QP	110.20	53.26	-26.63	110.20	-26.63	110.20
FESS_FR	117.91	56.99	-28.50	117.91	-28.50	117.91

9.2 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).

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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    40.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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        =      58.6(KN.m)
Sforzo normale =    -121.2(KN)

Compressione massima nel calcestruzzo   =   -4.44(N/mm²)
Trazione massima nell'acciaio           =  162.26(N/mm²)
Distanza asse neutro da lembo compresso =   10.0 (cm)
Braccio di leva interno           =   29.8 (cm)

Condizione di carico 2

Momento        =     -29.3(KN.m)
Sforzo normale =    -121.2(KN)

Compressione massima nel calcestruzzo   =   -2.07(N/mm²)
Trazione massima nell'acciaio           =   46.86(N/mm²)
Distanza asse neutro da lembo compresso =   13.8 (cm)
Braccio di leva interno           =   24.7 (cm)

Condizione di carico 3

Momento        =      57.0(KN.m)
Sforzo normale =    -117.9(KN)

Compressione massima nel calcestruzzo   =   -4.32(N/mm²)
Trazione massima nell'acciaio           =  157.83(N/mm²)
Distanza asse neutro da lembo compresso =   10.0 (cm)
Braccio di leva interno           =   29.8 (cm)

Condizione di carico 4

Momento        =     -28.5(KN.m)
```

```
Sforzo normale =    -117.9(KN)

Compressione massima nel calcestruzzo   =   -2.01(N/mm²)
Trazione massima nell'acciaio           =   45.60(N/mm²)
Distanza asse neutro da lembo compresso =   13.8 (cm)
Braccio di leva interno           =   24.7 (cm)
```

Condizione di carico 5

```
Momento        =      53.3(KN.m)
Sforzo normale =    -110.2(KN)

Compressione massima nel calcestruzzo   =   -4.04(N/mm²)
Trazione massima nell'acciaio           =  147.50(N/mm²)
Distanza asse neutro da lembo compresso =   10.0 (cm)
Braccio di leva interno           =   29.8 (cm)
```

Condizione di carico 6

```
Momento        =     -26.6(KN.m)
Sforzo normale =    -110.2(KN)

Compressione massima nel calcestruzzo   =   -1.88(N/mm²)
Trazione massima nell'acciaio           =   42.61(N/mm²)
Distanza asse neutro da lembo compresso =   13.8 (cm)
Braccio di leva interno           =   24.7 (cm)
```

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

9.3 VERIFICHE A STATO LIMITE DI FESSURAZIONE

9.3.1 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    40.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 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 (σ  = 0.7 · 1.2·f_ctm) =  79.60 (KN.m)
Momento di fessurazione (σ  = f_ctm)            =  94.76 (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    40.0   b3   100.0
```

Descrizione dell'armatura normale

```
5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento = 2.416E-03 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  75.69 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -90.11 (KN.m)
```

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

9.3.2 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    40.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 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 (σ  = 0.7 · 1.2·fctm) =  79.58 (KN.m)
Momento di fessurazione (σ  = fctm)             =  94.74 (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    40.0   b3   100.0
```

Descrizione dell'armatura normale

```
5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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     =   4.8 cm
Interferro                       =  20.0 cm
Diametro massimo barre           =  14.0 (mm)
Rapporto sforzo normale/momento = 2.419E-03 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  75.69 (KN.m)
Momento di fessurazione (σ  = f_ctm)             = -90.11 (KN.m)
```

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

9.4 VERIFICHE A STATO LIMITE ULTIMO

9.4.1 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 40.0 b3 100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a 5.5 cm da intradosso
5 ø14 mm posizionati a 34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²) a 20.0 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} = 20.00(N/mm²)
Soglia di snervamento acciaio normale: F_{yk} = 450.00(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 = 7.500 %
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 = 391.30(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 = 79.1(KN.m)
Sforzo di Progetto N_d = -163.7(KN)

Distanza asse neutro da lembo compresso = 4.2 (cm)
Momento di Rottura M_r = 135.1(KN.m)
Sforzo di Rottura N_r = -163.5(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 1.707

Condizione di carico 2

Momento di Progetto M_d = -39.6(KN.m)
Sforzo di Progetto N_d = -163.7(KN)

Distanza asse neutro da lembo compresso = 4.2 (cm)
Momento di Rottura M_r = -135.1(KN.m)
Sforzo di Rottura N_r = -163.5(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 3.415

9.4.2 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:

$$V_{Rd} = [0.18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c + 0.15 \cdot \sigma_{cp}] \cdot b_w \cdot d \geq (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d$$

con: $\begin{cases} k = 1 + (200/d)^{1/2} \leq 2 \\ v_{min} = 0.035 \cdot k^{3/2} \cdot f_{ck}^{3/2} \end{cases}$

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

$\rho_1 = A_{sl} / (b_w \cdot d)$ = rapporto geometrico di armatura longitudinale (≤ 0.02);

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

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}	=	**163.65**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**163.65**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**79.10**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**345**	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)	ρ_l	=	0.0022	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.76	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.47	N/mm^2
Tensione media di compress. nella sezione ($\leq 0.2 \times f_{cd}$)	σ_{cp}	=	0.47	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	187.19	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**187.19**	kN

Dato che la verifica risulta soddisfatta non occorre disporre un'apposita armatura resistente a taglio.

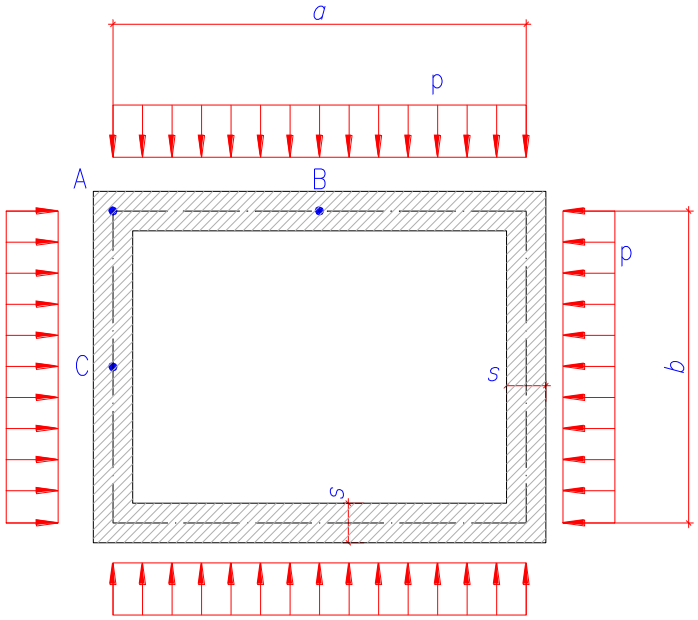
10 ANALISI POZZETTO DI CADUTA

Per il dimensionamento delle camerette di ispezione si considera il massimo ricoprimento H = 11 m e le massime dimensioni in pianta 2.5 m X 2.0 m, lo spessore delle pareti è pari a 0.40 m.

10.1 ANALISI STATICA RITTI SEZIONE TRASVERSALE

10.1.1 SCHEMA STATICO

L'analisi statica è stata svolta studiando tre sezioni trasversali della cameretta di ispezione, di dimensioni $a \times b$, 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)
2.5 × 2.0	0.40	11.00

10.1.2 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:

$$S_T = k_0 \cdot \gamma \cdot h_T = 0.38 \cdot 20 \cdot 11.0 = 83.6\,kN/m^2$$

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.

$$S_{ACC} = q \cdot k_0 = 20.00 \cdot 0.36 = 7.60\,kN/m^2$$

10.1.3 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	$p = S_T + S_{ACC} =$	91.20 kN/m^2
SLU	$p = 1.35 \cdot S_T + 1.35 \cdot S_{ACC} =$	123.12 kN/m^2
FESS_QP	$p = S_T =$	83.60 kN/m^2
FESS_FR	$p = S_T + 0.7 \cdot S_{ACC} =$	88.92 kN/m^2

Considerando il rapporto k dato da:

$$k = \frac{b}{a} = 1.21$$

$$N_B = \frac{p \cdot b}{2} \; ; \; M_A = \frac{p \cdot \left(a^2 + b^2 \cdot k\right)}{12 \cdot (1+k)} ; \; M_B = -\frac{p \cdot a^2}{8} + M_A \, , \; N_C = \frac{p \cdot a}{2} ; \; M_C = -\frac{p \cdot b^2}{8} + M_A ; \; T_{MAX} = N_B = N_C$$

si ottengono le seguenti sollecitazioni:

	N_B [kN]	M_A [kNm]	M_B [kNm]	N_c [kN]	M_C [kNm]	T_{MAX} [kN]
SLE	132.24	50.24	4.64	91.20	-45.64	132.24
SLU	178.52	67.82	6.26	123.12	-61.61	178.52
FESS_QP	121.22	46.05	4.25	83.60	-41.83	121.22
FESS_FR	128.93	48.98	4.52	88.92	-44.50	128.93

10.2 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    40.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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        =      50.2(KN.m)
Sforzo normale =     -91.2(KN)

Compressione massima nel calcestruzzo   =   -3.83(N/mm²)
Trazione massima nell'acciaio           =  146.97(N/mm²)
Distanza asse neutro da lembo compresso =    9.7 (cm)
Braccio di leva interno           =   30.2 (cm)

Condizione di carico 2

Momento        =     -45.6(KN.m)
Sforzo normale =     -91.2(KN)

Compressione massima nel calcestruzzo   =   -3.46(N/mm²)
Trazione massima nell'acciaio           =  128.52(N/mm²)
Distanza asse neutro da lembo compresso =    9.9 (cm)
Braccio di leva interno           =   29.9 (cm)

Condizione di carico 3

Momento        =      49.0(KN.m)
Sforzo normale =     -88.9(KN)

Compressione massima nel calcestruzzo   =   -3.73(N/mm²)
Trazione massima nell'acciaio           =  143.28(N/mm²)
Distanza asse neutro da lembo compresso =    9.7 (cm)
Braccio di leva interno           =   30.2 (cm)

Condizione di carico 4

Momento        =     -44.5(KN.m)
```

```
Sforzo normale =     -88.9(KN)

Compressione massima nel calcestruzzo   =   -3.37(N/mm²)
Trazione massima nell'acciaio           =  125.31(N/mm²)
Distanza asse neutro da lembo compresso =    9.9 (cm)
Braccio di leva interno           =   29.9 (cm)
```

Condizione di carico 5

```
Momento        =      46.1(KN.m)
Sforzo normale =     -83.6(KN)

Compressione massima nel calcestruzzo   =   -3.51(N/mm²)
Trazione massima nell'acciaio           =  134.71(N/mm²)
Distanza asse neutro da lembo compresso =    9.7 (cm)
Braccio di leva interno           =   30.2 (cm)
```

Condizione di carico 6

```
Momento        =     -41.8(KN.m)
Sforzo normale =     -83.6(KN)

Compressione massima nel calcestruzzo   =   -3.17(N/mm²)
Trazione massima nell'acciaio           =  117.78(N/mm²)
Distanza asse neutro da lembo compresso =    9.9 (cm)
Braccio di leva interno           =   29.9 (cm)
```

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

10.3 VERIFICHE A STATO LIMITE DI FESSURAZIONE

10.3.1 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    40.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 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 (σ  = 0.7 · 1.2·f_ctm) =  79.98 (KN.m)
Momento di fessurazione (σ  = f_ctm)            =  95.21 (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    40.0   b3   100.0
```

Descrizione dell'armatura normale

```
5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento = 5.E-03 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  74.39 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -88.56 (KN.m)
```

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

10.3.2 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    40.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 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 (σ  = 0.7 · 1.2·fctm) =  79.98 (KN.m)
Momento di fessurazione (σ  = fctm)            =  95.21 (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    40.0   b3   100.0
```

Descrizione dell'armatura normale

```
5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 cm
Interferro                      =  20.0 cm
Diametro massimo barre          =  14.0 (mm)
Rapporto sforzo normale/momento = 5.E-03 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  31.5  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) =  74.39 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -88.56 (KN.m)
```

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

10.4 VERIFICHE A STATO LIMITE ULTIMO

10.4.1 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 40.0 b3 100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a 5.5 cm da intradosso
5 ø14 mm posizionati a 34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²) a 20.0 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} = 20.00(N/mm²)
Soglia di snervamento acciaio normale: F_{yk} = 450.00(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 = 7.500 %
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 = 391.30(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 = 67.8(KN.m)
Sforzo di Progetto N_d = -123.1(KN)

Distanza asse neutro da lembo compresso = 4.1 (cm)
Momento di Rottura M_r = 128.8(KN.m)
Sforzo di Rottura N_r = -122.7(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 1.899

Condizione di carico 2

Momento di Progetto M_d = -61.6(KN.m)
Sforzo di Progetto N_d = -123.1(KN)

Distanza asse neutro da lembo compresso = 4.1 (cm)
Momento di Rottura M_r = -128.8(KN.m)
Sforzo di Rottura N_r = -122.7(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 2.09

10.4.2 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:

$$V_{Rd} = [0.18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c + 0.15 \cdot \sigma_{cp}] \cdot b_w \cdot d \geq (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d$$

con: $\begin{cases} k = 1 + (200/d)^{1/2} \leq 2 \\ v_{min} = 0.035 \cdot k^{3/2} \cdot f_{ck}^{3/2} \end{cases}$

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

$\rho_1 = A_{sl} / (b_w \cdot d)$ = rapporto geometrico di armatura longitudinale (≤ 0.02);

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

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}	=	**178.52**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**123.12**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**67.82**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**345**	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)	ρ_l	=	0.0022	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.76	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.47	N/mm^2
Tensione media di compress. nella sezione ($\leq 0.2 \times f_{cd}$)	σ_{cp}	=	0.36	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	181.11	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**181.11**	kN

Poichè il taglio sollecitante (V_{Sd}) risulta minore del taglio resistente (V_{Rd}), la sezione risulta verificata senza apposita armatura a taglio.

10.5 ANALISI SOLETTA SUPERIORE

10.5.1 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:

$$P_T = \gamma \cdot h_T = 20 \cdot 1.5 = 30.00 kN/m^2$$

Peso del sovraccarico accidentale sulla parete laterale del pozzo

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

$$P_{ACC} = q = 20.00 kN/m^2$$

Il carico totale risulta pari a:

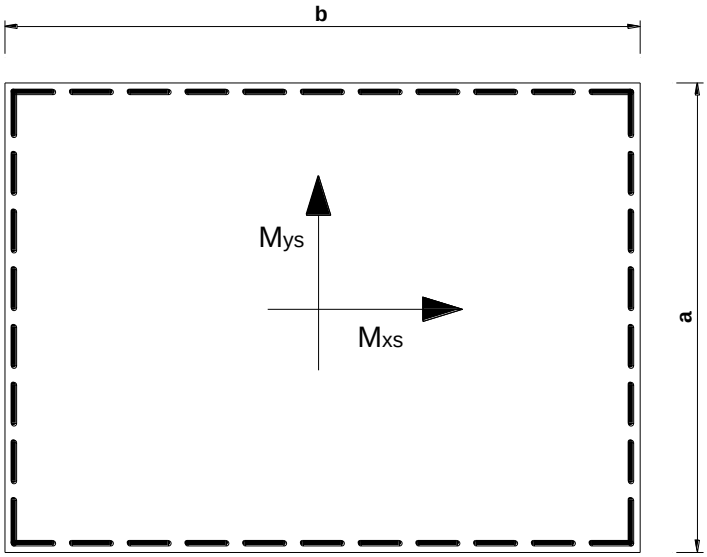
SLE	$p = P_T + P_{ACC} =$	50.00 kN/m^2
SLU	$p = 1.35 \cdot P_T + 1.35 \cdot P_{ACC} =$	67.50 kN/m^2
FESS_QP	$p = P_T =$	30.00 kN/m^2
FESS_FR	$p = P_T + 0.7 \cdot P_{ACC} =$	44.00 kN/m^2

10.5.2 CALCOLO DELLE SOLLECITAZIONI

Lo studio viene eseguito considerando una piastra di dimensioni pari a 2.5 m × 2.0 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.



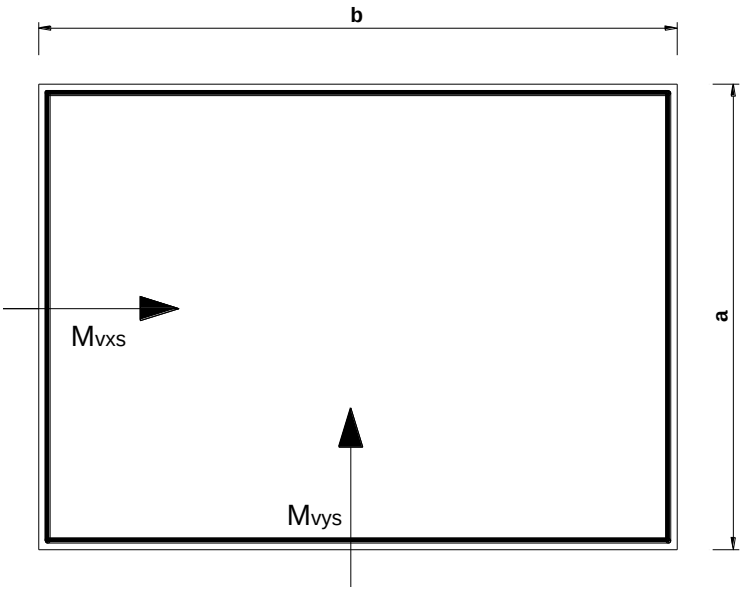
Schema struttura

Essendo il rapporto tra i lati $\frac{a}{b} = 1.21$ dalle tabelle per l'analisi delle piastre rettangolari, si ottengono i seguenti valori di momento massimo in campata lungo le direzioni principali:

$$M_{xs} = k_{xs} \cdot q \cdot b^2$$
$$M_{ys} = k_{ys} \cdot q \cdot a^2$$

avendo assunto il coefficiente di Poisson pari a $\mu = 0.15$ 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:

$$M_{xvs} = -k_{vxs} \cdot q \cdot b^2$$
$$M_{yvs} = -k_{vys} \cdot q \cdot a^2$$

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

k_{xs}	k_{ys}	k_{vxs}	k_{vys}
0.02	0.07	0.03	0.07

Coefficienti k

	M_{xs} [kNm]	M_{ys} [kNm]	M_{vxs} [kNm]	M_{vys} [kNm]	T [kNm]
SLE	7.93	14.82	-11.46	-14.85	--
SLU	10.70	20.01	-15.47	-20.05	97.88
FESS_QP	4.76	8.89	-6.41	-8.91	--
FESS_FR	6.98	13.04	-10.08	-13.07	--

Sollecitazioni

10.6 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    40.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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        =      14.8(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.14(N/mm²)
Trazione massima nell'acciaio           =   60.65(N/mm²)
Distanza asse neutro da lembo compresso =    7.6 (cm)
Braccio di leva interno           =   31.7 (cm)

Condizione di carico 2

Momento        =     -14.9(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.14(N/mm²)
Trazione massima nell'acciaio           =   60.77(N/mm²)
Distanza asse neutro da lembo compresso =    7.6 (cm)
Braccio di leva interno           =   31.7 (cm)

Condizione di carico 3

Momento        =      13.0(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.00(N/mm²)
Trazione massima nell'acciaio           =   53.36(N/mm²)
Distanza asse neutro da lembo compresso =    7.6 (cm)
Braccio di leva interno           =   31.7 (cm)

Condizione di carico 4

Momento        =     -13.1(KN.m)
```

```
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -1.00(N/mm²)
Trazione massima nell'acciaio           =   53.48(N/mm²)
Distanza asse neutro da lembo compresso =    7.6 (cm)
Braccio di leva interno           =   31.7 (cm)
```

Condizione di carico 5

```
Momento        =       8.9(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -0.68(N/mm²)
Trazione massima nell'acciaio           =   36.38(N/mm²)
Distanza asse neutro da lembo compresso =    7.6 (cm)
Braccio di leva interno           =   31.7 (cm)
```

Condizione di carico 6

```
Momento        =      -8.9(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -0.68(N/mm²)
Trazione massima nell'acciaio           =   36.46(N/mm²)
Distanza asse neutro da lembo compresso =    7.6 (cm)
Braccio di leva interno           =   31.7 (cm)
```

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

10.7 VERIFICHE A STATO LIMITE DI FESSURAZIONE

10.7.1 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    40.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 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 (σ  = 0.7 · 1.2·f_ctm) =  76.95 (KN.m)
Momento di fessurazione (σ  = f_ctm)            =  91.61 (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    40.0   b3   100.0
```

Descrizione dell'armatura normale

```
5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 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 (σ  = 0.7 · 1.2·f_ctm) =  76.95 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -91.61 (KN.m)
```

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

10.7.2 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    40.0   b3   100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 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 (σ  = 0.7 · 1.2·fctm) =  76.95 (KN.m)
Momento di fessurazione (σ  = fctm)             =  91.61 (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    40.0   b3   100.0
```

Descrizione dell'armatura normale

```
5 ø14 mm posizionati a     5.5 cm da intradosso
5 ø14 mm posizionati a    34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²)     a    20.0 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    =   4.8 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 (σ  = 0.7 · 1.2·f_ctm) =  76.95 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = -91.61 (KN.m)
```

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

10.8 VERIFICHE A STATO LIMITE ULTIMO

10.8.1 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 40.0 b3 100.0

Descrizione dell'armatura normale

5 ø14 mm posizionati a 5.5 cm da intradosso
5 ø14 mm posizionati a 34.5 cm da intradosso

Area armatura normale = 1539.4 (mm²) a 20.0 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} = 20.00(N/mm²)
Soglia di snervamento acciaio normale: F_{yk} = 450.00(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 = 7.500 %
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 = 391.30(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 = 20.0(KN.m)
Sforzo di Progetto N_d = 0.0(KN)

Distanza asse neutro da lembo compresso = 3.7 (cm)
Momento di Rottura M_r = 109.9(KN.m)
Sforzo di Rottura N_r = -0.5(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 5.491

Condizione di carico 2

Momento di Progetto M_d = -20.1(KN.m)
Sforzo di Progetto N_d = 0.0(KN)

Distanza asse neutro da lembo compresso = 3.7 (cm)
Momento di Rottura M_r = -109.9(KN.m)
Sforzo di Rottura N_r = -0.5(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 5.48

10.8.2 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:

$$V_{Rd} = [0.18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c + 0.15 \cdot \sigma_{cp}] \cdot b_w \cdot d \geq (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d$$

con: $\begin{cases} k = 1 + (200/d)^{1/2} \leq 2 \\ v_{min} = 0.035 \cdot k^{3/2} \cdot f_{ck}^{3/2} \end{cases}$

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

$\rho_1 = A_{sl} / (b_w \cdot d)$ = rapporto geometrico di armatura longitudinale (≤ 0.02);

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

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}	=	**97.88**	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	=	**345**	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)	ρ_l	=	0.0022	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	1.76	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.47	N/mm^2
Tensione media di compress. nella sezione ($\leq 0.2 \times f_{cd}$)	σ_{cp}	=	0.00	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	162.64	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**162.64**	kN

Poichè il taglio sollecitante (V_{Sd}) risulta minore del taglio resistente (V_{Rd}), la sezione risulta verificata senza apposita armatura a taglio.

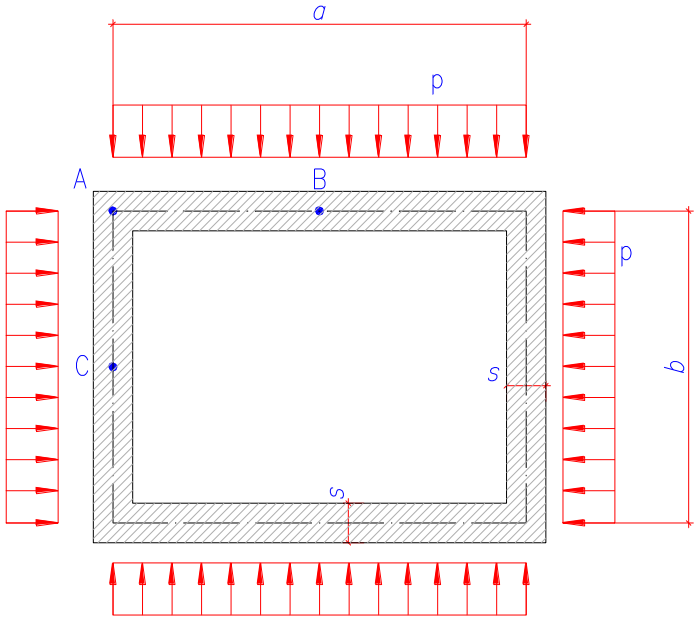
11 ANALISI TORRINO

Per il dimensionamento delle camerette di ispezione si considera il massimo ricoprimento H = 1.5 m e le dimensioni interne in pianta 0.80 m X 0.80 m, lo spessore delle pareti è pari a 0.25 m.

11.1 ANALISI STATICA RITTI SEZIONE TRASVERSALE

11.1.1 SCHEMA STATICO

L'analisi statica è stata svolta studiando tre sezioni trasversali della cameretta di ispezione, di dimensioni $a \times b$, 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)
1.05 × 1.05	0.25	1.50

11.1.2 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:

$$S_T = k_0 \cdot \gamma \cdot h_T = 0.38 \cdot 20 \cdot 1.5 = 11.4\,kN/m^2$$

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.

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

11.1.3 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	$p = S_T + S_{ACC} =$	25.65 kN/m^2
SLU	$p = 1.35 \cdot S_T + 1.35 \cdot S_{ACC} =$	19.00 kN/m^2
FESS_QP	$p = S_T =$	11.40 kN/m^2
FESS_FR	$p = S_T + 0.7 \cdot S_{ACC} =$	16.72 kN/m^2

Considerando il rapporto k dato da:

$$k = \frac{b}{a} = 1.00$$

$$N_B = \frac{p \cdot b}{2} \; ; \; M_A = \frac{p \cdot \left(a^2 + b^2 \cdot k\right)}{12 \cdot (1+k)} ; \; M_B = -\frac{p \cdot a^2}{8} + M_A \, , \; N_C = \frac{p \cdot a}{2} ; \; M_C = -\frac{p \cdot b^2}{8} + M_A ; \; T_{MAX} = N_B = N_C$$

si ottengono le seguenti sollecitazioni:

	N_B [kN]	M_A [kNm]	M_B [kNm]	N_c [kN]	M_C [kNm]	T_{MAX} [kN]
SLE	9.98	1.75	-0.87	9.98	-0.87	9.98
SLU	13.47	2.36	-1.18	13.47	-1.18	13.47
FESS_QP	5.99	1.05	-0.52	5.99	-0.52	5.99
FESS_FR	8.78	1.54	-0.77	8.78	-0.77	8.78

11.2 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    25.0   b3   100.0

Descrizione dell'armatura normale

5 ø12 mm posizionati a     5.6 cm da intradosso
5 ø12 mm posizionati a    19.4 cm da intradosso

Area armatura normale = 1131.0 (mm²)     a    12.5 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        =       1.8(KN.m)
Sforzo normale =     -10.0(KN)

Compressione massima nel calcestruzzo   =   -0.36(N/mm²)
Trazione massima nell'acciaio           =    8.25(N/mm²)
Distanza asse neutro da lembo compresso =    7.7 (cm)
Braccio di leva interno           =   15.3 (cm)

Condizione di carico 2

Momento        =      -0.9(KN.m)
Sforzo normale =     -10.0(KN)

Compressione massima nel calcestruzzo   =   -0.15(N/mm²)
Trazione massima nell'acciaio           =    0.96(N/mm²)
Distanza asse neutro da lembo compresso =   13.5 (cm)
Braccio di leva interno           =   11.6 (cm)

Condizione di carico 3

Momento        =       1.5(KN.m)
Sforzo normale =      -8.8(KN)

Compressione massima nel calcestruzzo   =   -0.32(N/mm²)
Trazione massima nell'acciaio           =    7.26(N/mm²)
Distanza asse neutro da lembo compresso =    7.7 (cm)
Braccio di leva interno           =   15.3 (cm)

Condizione di carico 4

Momento        =      -0.8(KN.m)
```

```
Sforzo normale =      -8.8(KN)

Compressione massima nel calcestruzzo   =   -0.13(N/mm²)
Trazione massima nell'acciaio           =    0.85(N/mm²)
Distanza asse neutro da lembo compresso =   13.5 (cm)
Braccio di leva interno           =   11.6 (cm)
```

Condizione di carico 5

```
Momento        =       1.1(KN.m)
Sforzo normale =      -6.0(KN)

Compressione massima nel calcestruzzo   =   -0.22(N/mm²)
Trazione massima nell'acciaio           =    4.95(N/mm²)
Distanza asse neutro da lembo compresso =    7.7 (cm)
Braccio di leva interno           =   15.3 (cm)
```

Condizione di carico 6

```
Momento        =      -0.5(KN.m)
Sforzo normale =      -6.0(KN)

Compressione massima nel calcestruzzo   =   -0.09(N/mm²)
Trazione massima nell'acciaio           =    0.56(N/mm²)
Distanza asse neutro da lembo compresso =   13.6 (cm)
Braccio di leva interno           =   11.6 (cm)
```

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

11.3 VERIFICHE A STATO LIMITE DI FESSURAZIONE

Visiti i ridotti tassi di lavoro, si omettono le verfiiche a fessurazione

11.4 VERIFICHE A STATO LIMITE ULTIMO

11.4.1 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    25.0   b3   100.0

Descrizione dell'armatura normale

5 ø12 mm posizionati a     5.6 cm da intradosso
5 ø12 mm posizionati a    19.4 cm da intradosso

Area armatura normale = 1131.0 (mm²)     a    12.5 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  =       2.4(KN.m)
```

Sforzo di Progetto N_d = -13.5(KN)

Distanza asse neutro da lembo compresso = 3.4 (cm)
Momento di Rottura M_r = 45.8(KN.m)
Sforzo di Rottura N_r = -13.4(KN)
Rottura nel Dominio 2
Rapporto M_r/M_d = 19.406

11.4.2 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:

$$V_{Rd} = [0.18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c + 0.15 \cdot \sigma_{cp}] \cdot b_w \cdot d \geq (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d$$

con: $\begin{cases} k = 1 + (200/d)^{1/2} \leq 2 \\ v_{min} = 0.035 \cdot k^{3/2} \cdot f_{ck}^{3/2} \end{cases}$

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

$\rho_1 = A_{sl} / (b_w \cdot d)$ = rapporto geometrico di armatura longitudinale (≤ 0.02);

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

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}	=	**13.47**	kN
Valore di calcolo della forza assiale associata a V_{Ed}	N (V_{Ed})	=	**13.47**	kN
Valore di calcolo del momento flettente associato a V_{Ed}	M (V_{Ed})	=	**1.18**	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	**194**	mm
Larghezza minima della sezione	b_w	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	∅	=	**12**	mm
Numero tondini longitudinali utilizzati	n°	=	**5**	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	565	mm^2
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_l	=	0.0029	-

Calcolo del taglio resistente:

Fattore dipendente dall'altezza utile della sezione (≤ 2)	k	=	2.00	-
Tensione dipendente dal fattore k e dalla resist. del cls	v_{min}	=	0.57	N/mm^2
Tensione media di compress. nella sezione ($\leq 0.2 \times f_{cd}$)	σ_{cp}	=	0.07	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	112.68	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**112.68**	kN

Dato che la verifica risulta soddisfatta non occorre disporre un'apposita armatura resistente a taglio.

12 ANALISIS MURO DI SOSTEGNO

12.1 ANALISI DEI CARICHI

12.1.1 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 450 cm e spessore pari a 70 cm; elevazione (unica risega) di altezza pari a 520 cm e spessore di 60 cm.

12.1.2 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:

$$S_{ter} = \frac{1}{2} \cdot k_a \cdot \gamma_d \cdot H^2 \ \text{[kN/m]}$$

$$\gamma_d = \frac{\gamma_k}{\gamma_\gamma} = \frac{\gamma_k}{1.0}$$

$$\phi_d = \text{arctg}\left(\frac{\tan\phi_k}{\gamma_\phi}\right) = \text{arctg}\left(\frac{\tan\phi_k}{1.25}\right)$$

dove:

γ_k	=	20.0	kN/m^3	peso caratteristico terreno per unità di volume
γ_d	=	20.0	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_{ad}	=	0.22		coefficiente di spinta attiva secondo Rankine
k_{ad}	=	0.28		coefficiente di spinta attiva secondo Rankine
H		7.1		altezza di spinta (in m)

12.2 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.

12.3 VERIFICHE DI STABILITÀ GLOBALE

12.3.1 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	780.00		0.60	1.65	
Peso proprio ciabatta di fondazione	787.50		2.25	0.00	
Peso del terreno da rilevato su ciabatta posteriore	3744.00		2.70	-0.45	
Peso del terreno da rilevato su ciabatta anteriore	0.00		0.15	2.10	
Peso dei sovraccarichi permanenti su ciabatta posteriore	705.60		2.70	-0.45	
Peso dei sovraccarichi permanenti su ciabatta anteriore	0.00		0.15	2.10	
Peso dei sovraccarichi accidentali su ciabatta posteriore	0.00		2.70	-0.45	
Peso dei sovraccarichi accidentali su ciabatta anteriore	0.00		0.15	2.10	
Spinte del terreno da rilevato a monte	405.81	867.09	4.50	-2.25	1.97
Spinte del terreno dovute a sovraccarichi permanenti	356.97	762.75	4.50	-2.25	2.95
Spinte del terreno dovute a sovraccarichi accidentali	0.00	0.00	4.50	-2.25	2.95
Azioni concentrate in testa muro		0.00			0.00

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).

12.3.2 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:

$$F_S = \frac{M_{stab}}{M_{rib}} = \frac{\sum_i \alpha_i \cdot N_i \cdot b_{i-oriz(o)}}{\sum_i \beta_i \cdot V_i \cdot b_{i-vert}}$$

dove: α_i = coefficiente di combinazione della forza N_i (vedi par. 12.2);

N_i = forza verticale (vedi paragrafo 12.3.1);

$b_{i\text{-}oriz(O)}$ = braccio della forza verticale rispetto al centro di rotazione (vedi par. 12.3.1);

β_i = coefficiente di combinazione della forza V_i (vedi par. 12.2);

V_i = forza orizzontale (vedi par. 12.3.1);

$b_{i\text{-}vert}$ = braccio della forza orizzontale rispetto al centro di rotazione (vedi par. 12.3.1).

Verifiche a ribaltamento		Comb. SLU_EQU	Comb. SLU_ECC	Comb. SLU_SISM
Momento stabilizzante totale	[kNm]	12828	14254	13551
Momento ribaltante totale	[kNm]	575	523	6508
Coefficiente di sicurezza al ribaltamento	[-]	**22.30**	**27.26**	**2.08**

12.3.3 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:

$$F_S = \frac{F_{attrito}}{F_{scorrim}} = \frac{\mu \cdot \sum_i \alpha_i \cdot N_i}{\sum_i \beta_i \cdot V_i}$$

dove: μ = coefficiente di attrito terreno/fondazione (posto ragionevolmente pari a 0.60);

α_i = coefficiente di combinazione della forza N_i (vedi par. 12.2);

N_i = forza verticale (vedi par. 12.3.1);

β_i = coefficiente di combinazione della forza V_i (vedi par. 12.2);

V_i = forza orizzontale (vedi par. 12.3.1).

Verifiche a scivolamento		Comb. SLU_GEO-1	Comb. SLU_ECC	Comb. SLU_SISM
Forza di attrito totale	[kN/m]	3610	3610	3432
Forza di scorrimento totale	[kN/m]	1630	1630	2637
Coefficiente di sicurezza allo scivolamento	[-]	**2.22**	**2.22**	**1.30**

12.3.4 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:

$$q_{lim} = \frac{1}{2} \cdot \gamma' \cdot B \cdot N_\gamma \cdot s_\gamma \cdot i_\gamma + c' \cdot N_c \cdot s_c \cdot d_c \cdot i_c + q' \cdot N_q \cdot s_q \cdot d_q \cdot i_q$$

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:*

$$B = B_R - 2 \cdot \frac{M}{N}$$

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:*

$$q' = \gamma_t \cdot D$$

dove: γ_t = peso del terreno di ricoprimento;

D = profondità del piano di posa della fondazione.

- *Coefficienti di capacità portante:*

$$N_q = tg^2\left(45° + \frac{\phi'}{2}\right) \cdot e^{\pi \cdot tg(\phi')}$$

$$N_c = (N_q - 1) \cdot ctg(\phi')$$

$$N_\gamma = 2 \cdot (N_q + 1) \cdot tg(\phi')$$

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

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

$$s_\gamma = 1 + 0.1 \cdot \frac{B}{L} \cdot \frac{1+\text{sen}(\phi')}{1-\text{sen}(\phi')}$$

$$s_q = s_\gamma$$

$$s_c = 1 + 0.2 \cdot \frac{B}{L} \cdot \frac{1+\text{sen}(\phi')}{1-\text{sen}(\phi')}$$

dove: ϕ' = 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:*

$$d_q = 1 + 2 \cdot \frac{D}{B} \cdot \text{tg}(\phi') \cdot [1-\text{sen}(\phi')]^2 \qquad \text{per } D/B \le 1$$

$$d_q = 1 + 2 \cdot \text{tg}(\phi') \cdot [1-\text{sen}(\phi')]^2 \cdot \text{ctg}\left(\frac{D}{B}\right) \qquad \text{per } D/B > 1$$

$$d_c = d_q - \frac{1-d_q}{N_c \cdot \text{tg}(\phi')}$$

dove: ϕ' = 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:*

$$i_\gamma = \left[1 - \frac{H}{N + B \cdot L \cdot c' \cdot \text{ctg}(\phi')}\right]^{(m+1)}$$

$$i_q = \left[1 - \frac{H}{N + B \cdot L \cdot c' \cdot \text{ctg}(\phi')}\right]^{m} \qquad \text{con: } m = \frac{2 + B/L}{1 + B/L}$$

$$i_c = i_q - \frac{1-d_q}{N_c \cdot \text{tg}(\phi')}$$

dove: ϕ' = 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:

$$\sigma_{Sd} \leq \sigma_{Rd} = \frac{\sigma_{lim}}{\gamma_R}$$

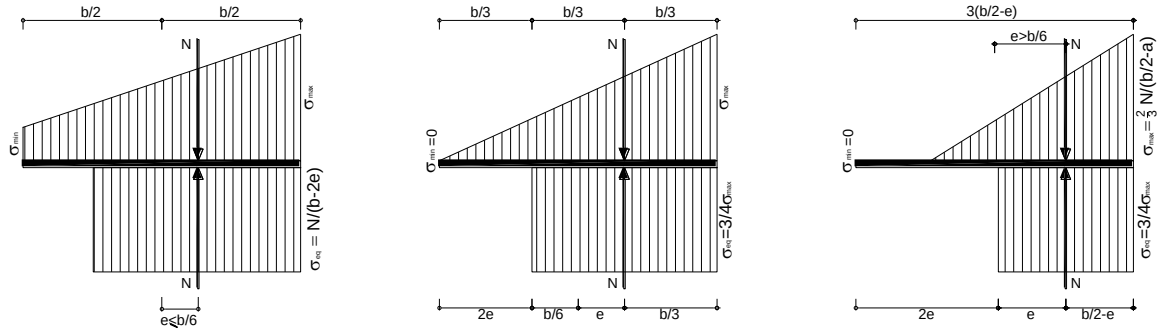
dove: σ_{Sd} = pressione equivalente sul terreno;

σ_{lim} = portata limite unitaria calcolata secondo Brinch-Hansen;

γ_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 σ_{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]	4956	4956	4956	5828
	N	[kN]	6017	6017	6017	5721
	H	[kN]	1630	1630	1630	2637
	e	[m]	0.82	0.82	0.82	1.02
Caratteristiche geometriche della fondazione	B_R	[m]	4.50	4.50	4.50	4.50
	B	[m]	2.85	2.85	2.85	2.46
	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	ϕ	[°]	32.01	32.01	32.01	32.01
	c	[kN/m^2]	0.00	0.00	0.00	0.00
	γ_{fond}	[kN/m^3]	19.00	19.00	19.00	19.00
	α	[°]	0.00	0.00	0.00	0.00
	ω	[°]	0.00	0.00	0.00	0.00
Calcolo della portata limite e di progetto del terreno	$q_{LIM-attr.}$	[kN/m^2]	372.43	372.43	372.43	135.23
	$q_{LIM-coes.}$	[kN/m^2]	0.00	0.00	0.00	0.00
	$q_{LIM-car.lat.}$	[kN/m^2]	496.61	496.61	496.61	288.24
	q_{LIM}	[kN/m^2]	869.04	869.04	869.04	423.47
	F_s	[-]	1.00	1.00	1.00	1.00
	q_d	[kN/m^2]	**869.04**	**869.04**	**869.04**	**423.47**
Sforzi sul terreno di fondazione	σ_{max}	[kN/m^2]	281.25	281.25	281.25	309.74
	σ_{min}	[kN/m^2]	0.00	0.00	0.00	0.00
	L_{reag}	[m]	4.28	4.28	4.28	3.69
	σ_{eq}	[kN/m^2]	**210.93**	**210.93**	**210.93**	**232.31**

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
σ_{min}	la sollecitazione minima sul terreno
σ_{max}	la sollecitazione massima sul terreno
σ_{eq}	la sollecitazione equivalente sul terreno

Le verifiche di portata risultano pertanto soddisfatte.

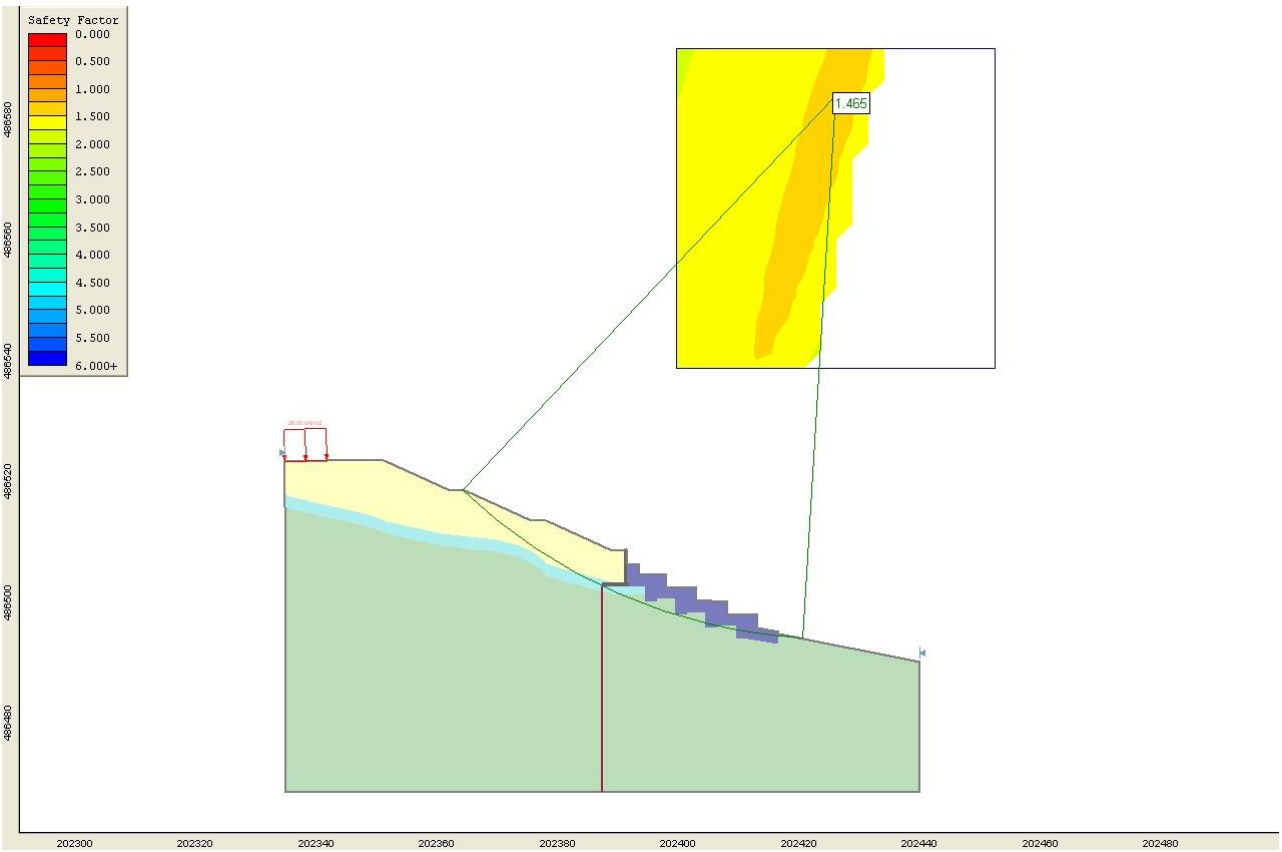
12.3.5 VERIFICHE DI STABILITÀ GLOBALE MURO-TERRENO

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.

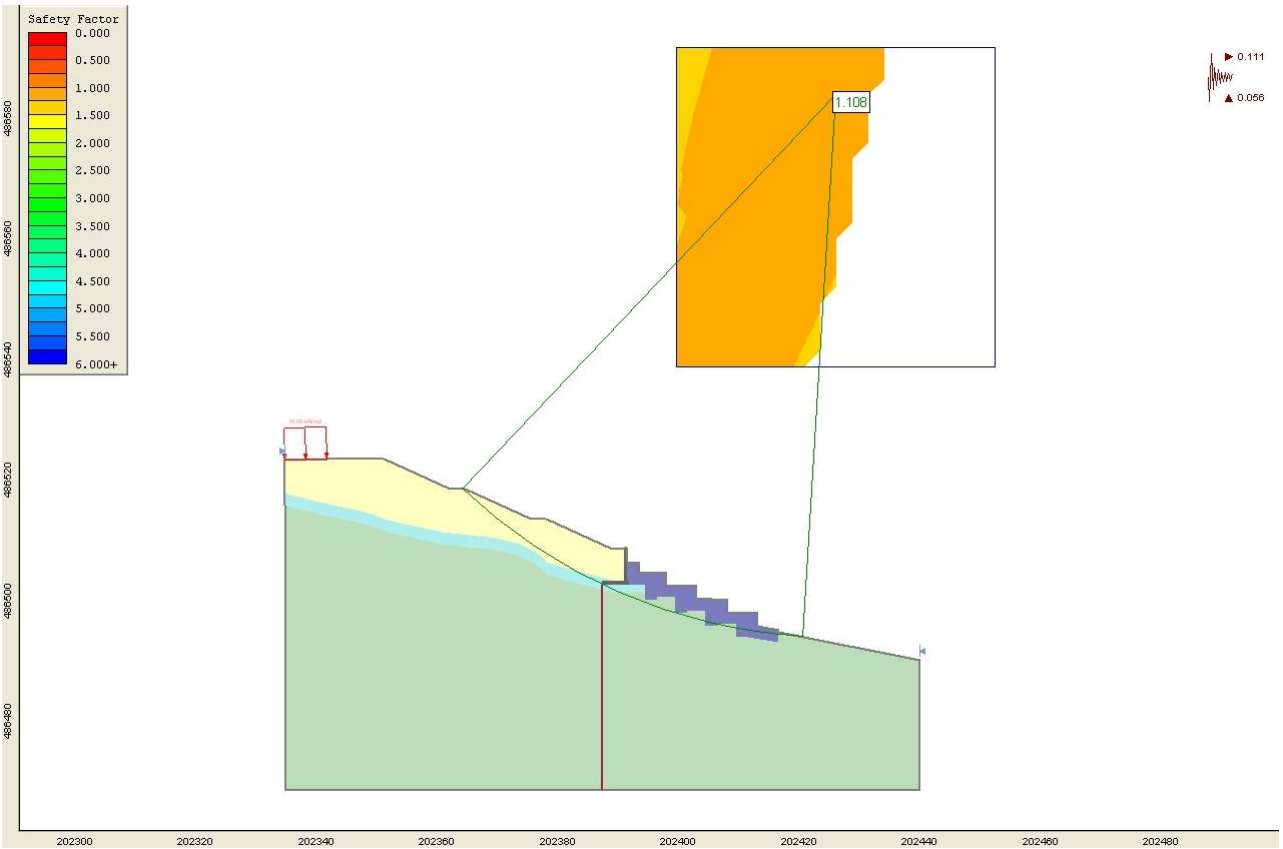
Le analisi di stabilità sono state condotte sia in condizioni statiche sia in condizioni sismiche facendo riferimento alle indicazioni riportate in precedenza; in particolare si assume:

$$\gamma_r \geq 1.1$$

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=1.465



Analisi di stabilità caso sismico: FS=1.108

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).

12.4 VERIFICHE DELL'ELEVAZIONE

12.4.1 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	78.00		0.00	
Spinte del terreno da rilevato a monte	24.84	53.08	-0.30	1.73
Spinte del terreno dovute a sovraccarichi permanenti	24.80	52.98	-0.30	2.60
Spinte del terreno dovute a sovraccarichi accidentali	0.00	0.00	-0.30	2.60
Azioni concentrate in testa muro		0.00		0.00
Increm. sismico peso proprio elevazione (SLD)	0.79	1.58	0.00	2.60
Spinte sismiche terreno da rilevato a monte (SLD)	26.09	55.74	-0.30	1.73
Spinte sismiche terreno dovute a sovracc. perm. (SLD)	26.04	55.63	-0.30	2.60
Increm. sismico peso proprio elevazione (SLV)	3.84	7.69	0.00	2.60
Spinte sism. terreno da rilevato a monte (SLV)	31.76	67.86	-0.30	1.73
Spinte sism. terreno dovute a sovracc. perm. (SLV)	31.70	67.73	-0.30	2.60

	N [kN/m]	V [kN/m]	M [kNm/m]
SLU_STR	78	138	279
SLU_ECC	78	106	215
SLU_SISM	74	249	510
SLE_QP	78	106	215
SLE_FR	78	106	215
SLE_CAR	78	106	215
SLE_SISM	77	113	230

(nella tabella precedente N positiva se di compressione).

12.4.2 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): ∅ 14/20 (ripartitori esterni: ∅ 10/20)
- Estradosso: ∅ 20/10 (ripartitori esterni: ∅ 10/10)

```
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    54.3 cm da intradosso
10 ø20 mm posizionati a     6.0 cm da intradosso

Area armatura normale = 3911.3 (mm²)     a    15.5 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        =     215.0(KN.m)
Sforzo normale =     -78.0(KN)

Compressione massima nel calcestruzzo   =   -4.74(N/mm²)
Trazione massima nell'acciaio           =  131.21(N/mm²)
Distanza asse neutro da lembo compresso =   19.0 (cm)
Braccio di leva interno           =   47.9 (cm)

Condizione di carico 2

Momento        =     230.0(KN.m)
Sforzo normale =     -77.0(KN)

Compressione massima nel calcestruzzo   =   -5.08(N/mm²)
Trazione massima nell'acciaio           =  141.09(N/mm²)
Distanza asse neutro da lembo compresso =   18.9 (cm)
Braccio di leva interno           =   48.0 (cm)
```

I valori di tensione nei materiali sono inferiori ai limiti di normativa (come definito al paragrafo 7.2).

12.4.3 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 ø14 mm posizionati a    54.3 cm da intradosso
10 ø20 mm posizionati a     6.0 cm da intradosso

Area armatura normale = 3911.3 (mm²)     a    15.5 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 (f_ctm) =  31.5  kg/cm²
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) = 204.39 (KN.m)
Momento di fessurazione (σ  = f_ctm)            = 243.32 (KN.m)
```

Stadio non fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza asse neutro da lembo teso =  27.5 cm
Altezza del tirante ideale         =  20.0 cm
Densità d'armatura del tirante ideale =  1.571 %
```

Stadio fessurato

```
Coefficiente di omogeneizzazione   =  15
Distanza media fra due fessure attigue S_m =  22.1 cm
Momento di fessurazione; Trazione acciaio =   148.5 (N/mm²)
Coeff. K3 ( =[0.25·(σ1+σ2) / (2· σ1)] )     =  0.159
Trazione nell'acciaio per il calcolo della fessura =   131.21 (N/mm²)
Ampiezza della fessura (w = 1.7 · S_m · σ_sm / E_s)     = 0.0626 - 0.0626 mm
```

Poiché il momento sollecitante risulta inferiore al momento di 1° fessurazione la verifica a fessurazione perde di significato.

12.4.4 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 ø14 mm posizionati a 54.3 cm da intradosso
10 ø20 mm posizionati a 6.0 cm da intradosso

Area armatura normale = 3911.3 (mm²) a 15.5 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} = 20.00(N/mm²)
Soglia di snervamento acciaio normale: F_{yk} = 450.00(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 = 7.500 %
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 = 391.30(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 = 279.0(KN.m)
Sforzo di Progetto N_d = -78.0(KN)

Distanza asse neutro da lembo compresso = 7.6 (cm)
Momento di Rottura M_r = 642.1(KN.m)
Sforzo di Rottura N_r = -78.2(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 2.302

Condizione di carico 2

Momento di Progetto M_d = 215.0(KN.m)

```
Sforzo di Progetto  Nd  =     -78.0(KN)

Distanza asse neutro da lembo compresso =    7.6 (cm)
Momento di Rottura  Mr  =     642.1(KN.m)
Sforzo di Rottura   Nr  =     -78.2(KN)
Rottura nel Dominio  3
Rapporto Mr/Md  =  2.987
```

Condizione di carico 3

```
Momento di Progetto Md  =     510.0(KN.m)
Sforzo di Progetto  Nd  =     -74.0(KN)

Distanza asse neutro da lembo compresso =    7.6 (cm)
Momento di Rottura  Mr  =     641.1(KN.m)
Sforzo di Rottura   Nr  =     -73.9(KN)
Rottura nel Dominio  3
Rapporto Mr/Md  =  1.257
```

La verifica risulta soddisfatta in quanto, per tutte le combinazioni di carico esaminate, il coefficiente di sicuezza è superiore a uno (come definito al paragrafo 9.1.1).

12.4.5 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.

Il valore massimo della sollecitazione tagliante di progetto si verifica in corrispondenza della combinazione SLU: V_{Ed} =249.00 kN/m.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	$\mathbf{R_{ck}}$	=	**30**	N/mm^2
Resistenza caratteristica a compressione cilindrica cls	$\mathbf{f_{ck}}$	=	33	N/mm^2
Resistenza di calcolo a compressone del cls	$\mathbf{f_{cd}}$	=	18.81	N/mm^2
Resistenza di calcolo a trazione dell'acciaio	$\mathbf{f_{yd}}$	=	391.30	N/mm^2

Caratteristiche geometriche della sezione:

Altezza utile della sezione	**d**	=	**540**	mm
Larghezza minima della sezione	$\mathbf{b_w}$	=	**1000**	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	**∅**	=	**20**	mm
Numero tondini longitudinali utilizzati	**n**	=	**10**	--
Area totale di armatura longitudinale in zona tesa	$\mathbf{A_{sl}}$	=	3140	mm^2
Rapporto geometrico dell'armatura longitudinale (≤ 0.02)	$\boldsymbol{\rho_l}$	=	0.0058	--

Elementi senza armature trasversali resistenti a taglio

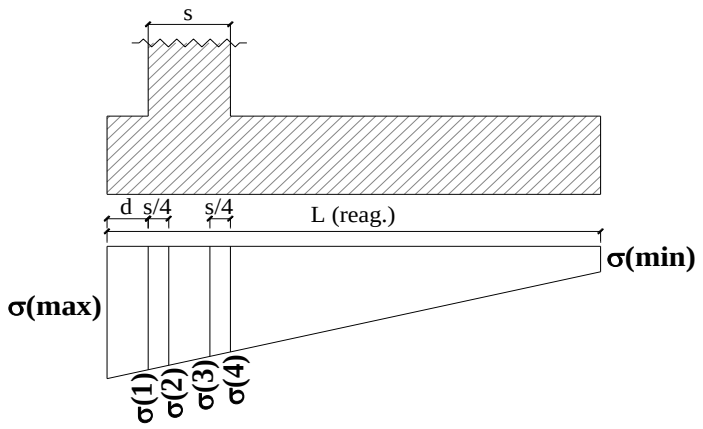
Fattore dipendente dall'altezza utile della sezione (≤ 2)	**k**	=	1.61	--
Tensione dipendente dal fattore k e dalla resistenza del cls	$\mathbf{v_{min}}$	=	0.36	N/mm^2
Tensione media di compressione nella sezione (≤ 0.2×f_{cd})	$\boldsymbol{\sigma_{cp}}$	=	0.12	N/mm^2
Resistenza ultima a taglio minima	$\mathbf{V_{Rd,min}}$	=	202.46	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	$\mathbf{V_{Rd}}$	=	**264.11**	**kN**

Dato che la verifica risulta soddisfatta non occorre disporre un'apposita armatura resistente a taglio.

12.5 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.

Indicare il rapporto limite di snellezza h/L:			**1.20**
Tipologia della mensola posteriore:	**SNELLA**	***h/L =*** ***2.20***	***> 1.20***



12.5.1 RIEPILOGO DELLE SOLLECITAZIONI DI VERIFICA

Nella seguente tabella vengono riportate le sollecitazioni più gravose (con il sovraccarico accidentale) utilizzate per le verifiche sezionali della mensola snella posteriore.

Azioni mensola snella	AZIONI PER VERIFICHE	
	V [kN/m]	M [kNm/m]
Combinazione di carico SLU_STR	2	-77
Combinazione di carico SLU_ECC	-1	-55
Combinazione di carico SLU_SISM	-131	-461
Combinazione di carico SLE_QP	-1	-55
Combinazione di carico SLE_FR	-1	-55
Combinazione di carico SLE_CAR	-1	-55
Combinazione di carico SLE_SISM	-113	-277

12.5.2 VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

Per la mensola snella si adotta la seguente armatura:

- Intradosso fondazione: ∅ 20/10 (ripartitori esterni: ∅ 10/10)
- Estradosso fondazione: ∅ 14/20 (ripartitori esterni: ∅ 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
10 ø20 mm posizionati a    64.0 cm da intradosso

Area armatura normale = 3911.3 (mm²)     a    52.4 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        =     -55.0(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -0.90(N/mm²)
Trazione massima nell'acciaio           =   30.42(N/mm²)
Distanza asse neutro da lembo compresso =   19.6 (cm)
Braccio di leva interno           =   57.6 (cm)

Condizione di carico 2

Momento        =    -277.0(KN.m)
Sforzo normale =       0.0(KN)

Compressione massima nel calcestruzzo   =   -4.52(N/mm²)
Trazione massima nell'acciaio           =  153.21(N/mm²)
Distanza asse neutro da lembo compresso =   19.6 (cm)
Braccio di leva interno           =   57.6 (cm)
```

I valori di tensione nei materiali sono inferiori ai limiti di normativa (come definito al paragrafo 9.2).

12.5.3 VERIFICHE AGLI STATI LIMITE DI FESSURAZIONE

12.5.3.1 COMBINAZIONE FREQUENTE

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
10 ø20 mm posizionati a    64.0 cm da intradosso

Area armatura normale = 3911.3 (mm²)     a    52.4 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                      =  10.0 cm
Diametro massimo barre          =  20.0 (mm)
Rapporto sforzo normale/momento =   0.0 cm^-1
Trazione calcestruzzo di fessurazione (f_ctm) =  26.0  kg/cm^2
Momento di prima fessurazione (σ  = 0.7 · 1.2·f_ctm) = 216.88 (KN.m)

Momento di fessurazione (σ  = f_ctm)            = -2.582E+02 (KN.m)
```

Poiché il momento sollecitante risulta inferiore al momento di 1° fessurazione la verifica a fessurazione perde di significato.

12.5.4 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
10 ø20 mm posizionati a 64.0 cm da intradosso

Area armatura normale = 3911.3 (mm²) a 52.4 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} = 20.00(N/mm²)
Soglia di snervamento acciaio normale: F_{yk} = 450.00(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 = 7.500 %
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 = 391.30(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 = -77.0(KN.m)
Sforzo di Progetto N_d = 0.0(KN)

Distanza asse neutro da lembo compresso = 8.8 (cm)
Momento di Rottura M_r = -739.2(KN.m)
Sforzo di Rottura N_r = -4.0(KN)
Rottura nel Dominio 3
Rapporto M_r/M_d = 9.6

Condizione di carico 2

Momento di Progetto M_d = -55.0(KN.m)

```
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    8.8 (cm)
Momento di Rottura  Mr  =    -739.2(KN.m)
Sforzo di Rottura   Nr  =      -4.0(KN)
Rottura nel Dominio  3
Rapporto Mr/Md  = 13.441
```

Condizione di carico 3

```
Momento di Progetto Md  =    -461.0(KN.m)
Sforzo di Progetto  Nd  =       0.0(KN)

Distanza asse neutro da lembo compresso =    8.8 (cm)
Momento di Rottura  Mr  =    -739.2(KN.m)
Sforzo di Rottura   Nr  =      -4.0(KN)
Rottura nel Dominio  3
Rapporto Mr/Md  =  1.604
```

La verifica risulta soddisfatta in quanto, per tutte le combinazioni di carico esaminate, il coefficiente di sicurezza è superiore a uno (come definito al paragrafo 9.1.1).

12.5.5 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}	=	**114.00**	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	$\varnothing$	=	**20**	mm
Numero tondini longitudinali utilizzati	n	=	**10**	--
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	3140	mm^2
Rapporto geometrico dell'armatura longitudinale (≤ 0.02)	ρ_l	=	0.0049	--

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})	σ_{cp}	=	0.00	N/mm^2
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	217.58	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	**275.76**	**kN**

Dato che la verifica risulta soddisfatta non occorre disporre un'apposita armatura resistente a taglio.

12.6 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	86.93	0.23	33.14	4.31
Combinazione di carico SLU_ECC	78.77	0.23	29.97	3.89
Combinazione di carico SLU_SISM	113.97	0.23	43.92	5.71

13 TABULATI INPUT SAP2000

```
File D:\Lavori\P-381 Ponte sullo Stretto (PD)\tombini lato sicilia\Tomb-NL-2x2.s2k was
saved on 13/09/10 at 10.00.00

TABLE:  "PROGRAM CONTROL"
   ProgramName=SAP2000      Version=14.0.0      ProgLevel=Advanced      LicenseNum=2C669
LicenseOS=No     LicenseSC=No     LicenseBR=No     LicenseHT=No     CurrUnits="KN, m, C"
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"
   UX=Yes   UY=No   UZ=Yes   RX=No   RY=Yes   RZ=No

TABLE:  "COORDINATE SYSTEMS"
   Name=GLOBAL   Type=Cartesian   X=0   Y=0   Z=0   AboutZ=0   AboutY=0   AboutX=0

TABLE:  "GRID LINES"
   CoordSys=GLOBAL     AxisDir=X     XRYZCoord=-1     LineType=Primary     LineColor=Gray4
Visible=Yes   BubbleLoc=End   AllVisible=No   BubbleSize=0
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Visible=Yes   BubbleLoc=End
   CoordSys=GLOBAL     AxisDir=Y     XRYZCoord=0     LineType=Primary     LineColor=Gray4
Visible=Yes   BubbleLoc=End
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Visible=Yes   BubbleLoc=End
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Visible=Yes   BubbleLoc=End

TABLE:  "MATERIAL PROPERTIES 01 - GENERAL"
   Material=Rck40   Type=Concrete   SymType=Isotropic   TempDepend=No   Color=Black

TABLE:  "MATERIAL PROPERTIES 02 - BASIC MECHANICAL PROPERTIES"
   Material=Rck40      UnitWeight=25      UnitMass=2.5      E1=33642777.6773647      U12=.2
A1=.00001

TABLE:  "FRAME SECTION PROPERTIES 01 - GENERAL"
   SectionName=FONDAZIONE   Material=Rck40   Shape=Rectangular   t3=.4   t2=1
   SectionName=RITTI   Material=Rck40   Shape=Rectangular   t3=.3   t2=1
   SectionName=SOLETTA   Material=Rck40   Shape=Rectangular   t3=.3   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"
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   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"
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   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"
```

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   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"
   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"
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   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"
   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"
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   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"
   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"
```

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   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"
   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"
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   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"
   Case=SLE-CAR-059      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
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"
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   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"
   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"
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   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"
   Case=SLE-CAR-125      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLE-CAR-126      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
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"
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   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"
   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"
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   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"
   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"
```

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   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"
   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"
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   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"
   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"
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   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"
   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"
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   Case=SLU-STR-017      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-018      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-019      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
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"
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   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"
   Case=SLU-STR-052      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
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"
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   Case=SLU-STR-083      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-084      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-085      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None   RunCase=Yes   CaseStatus="Not Run"
   Case=SLU-STR-086      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
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"
   Case=SLU-STR-100      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
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"
   Case=SLU-STR-114      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
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"
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   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"
   Case=SLU-STR-118      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
DesignType=DEAD   AutoType=None    RunCase=Yes    CaseStatus="Not Run"
   Case=SLU-STR-119      Type=NonStatic      InitialCond=Zero      DesTypeOpt="Prog  Det"
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"
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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"
   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"
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   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"
   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"
```

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   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"
   Case=SLU-GEO-057       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
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"
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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"
   Case=SLU-GEO-090       Type=NonStatic       InitialCond=Zero       DesTypeOpt="Prog  Det"
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"
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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"
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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"
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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"
   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
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
```

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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
```

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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
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
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
```

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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
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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
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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
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
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
Case=SLU-STR-055   LoadType="Load pattern"   LoadName=TEMPVAR   LoadSF=1.2
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
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
```

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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
```

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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
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
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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
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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
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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
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Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
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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
```

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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
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
```

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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
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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
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
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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
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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
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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
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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
```

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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
```

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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
```

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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
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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
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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
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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
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```
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
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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
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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
```

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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
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
```

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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
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
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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
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
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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
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
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   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

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
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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-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
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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-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=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
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   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
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
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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-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
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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-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=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
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   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
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
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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-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
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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-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=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
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   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
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
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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-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
```

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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-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=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
```

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   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
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
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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-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
```

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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-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=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
```

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   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
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
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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-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
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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-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=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
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   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
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
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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-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
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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-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=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
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   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
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
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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-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
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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-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-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
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   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
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
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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-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
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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-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-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
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   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
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
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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-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
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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-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=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
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   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
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
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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-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
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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-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=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
```

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   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
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
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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-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
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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-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=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
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   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
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
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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-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
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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-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=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
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   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
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
```

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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-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
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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-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=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
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   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
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
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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-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
```

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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-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=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
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   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
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
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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-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
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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-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=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
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   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
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
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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-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
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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-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=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
```

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   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
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
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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-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
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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-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=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
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   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
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
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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-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
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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-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=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
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   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
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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-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=2.35   SpecialJt=No
GlobalX=0   GlobalY=0   GlobalZ=2.35
   Joint=3      CoordSys=GLOBAL      CoordType=Cartesian      XorR=2.3      Y=0      Z=2.35
SpecialJt=No   GlobalX=2.3   GlobalY=0   GlobalZ=2.35
```

```
   Joint=4    CoordSys=GLOBAL    CoordType=Cartesian    XorR=2.3    Y=0    Z=0    SpecialJt=No
GlobalX=2.3    GlobalY=0    GlobalZ=0
   Joint=5    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.104545454545455    Y=0    Z=0
SpecialJt=No    GlobalX=.104545454545455    GlobalY=0    GlobalZ=0
   Joint=6    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.313636363636364    Y=0    Z=0
SpecialJt=No    GlobalX=.313636363636364    GlobalY=0    GlobalZ=0
   Joint=7    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.522727272727273    Y=0    Z=0
SpecialJt=No    GlobalX=.522727272727273    GlobalY=0    GlobalZ=0
   Joint=8    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.731818181818182    Y=0    Z=0
SpecialJt=No    GlobalX=.731818181818182    GlobalY=0    GlobalZ=0
   Joint=9    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.940909090909091    Y=0    Z=0
SpecialJt=No    GlobalX=.940909090909091    GlobalY=0    GlobalZ=0
   Joint=10    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.15    Y=0    Z=0
SpecialJt=No    GlobalX=1.15    GlobalY=0    GlobalZ=0
   Joint=11    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.35909090909091    Y=0    Z=0
SpecialJt=No    GlobalX=1.35909090909091    GlobalY=0    GlobalZ=0
   Joint=12    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.56818181818182    Y=0    Z=0
SpecialJt=No    GlobalX=1.56818181818182    GlobalY=0    GlobalZ=0
   Joint=13    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.77727272727273    Y=0    Z=0
SpecialJt=No    GlobalX=1.77727272727273    GlobalY=0    GlobalZ=0
   Joint=14    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.98636363636364    Y=0    Z=0
SpecialJt=No    GlobalX=1.98636363636364    GlobalY=0    GlobalZ=0
   Joint=15    CoordSys=GLOBAL    CoordType=Cartesian    XorR=2.19545454545455    Y=0    Z=0
SpecialJt=No    GlobalX=2.19545454545455    GlobalY=0    GlobalZ=0
   Joint=16    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.104545454545455    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=.104545454545455    GlobalY=0    GlobalZ=-0.2
   Joint=17    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.313636363636364    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=.313636363636364    GlobalY=0    GlobalZ=-0.2
   Joint=18    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.522727272727273    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=.522727272727273    GlobalY=0    GlobalZ=-0.2
   Joint=19    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.731818181818182    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=.731818181818182    GlobalY=0    GlobalZ=-0.2
   Joint=20    CoordSys=GLOBAL    CoordType=Cartesian    XorR=.940909090909091    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=.940909090909091    GlobalY=0    GlobalZ=-0.2
   Joint=21    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.15    Y=0    Z=-0.2
SpecialJt=No    GlobalX=1.15    GlobalY=0    GlobalZ=-0.2
   Joint=22    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.35909090909091    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=1.35909090909091    GlobalY=0    GlobalZ=-0.2
   Joint=23    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.56818181818182    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=1.56818181818182    GlobalY=0    GlobalZ=-0.2
   Joint=24    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.77727272727273    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=1.77727272727273    GlobalY=0    GlobalZ=-0.2
   Joint=25    CoordSys=GLOBAL    CoordType=Cartesian    XorR=1.98636363636364    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=1.98636363636364    GlobalY=0    GlobalZ=-0.2
   Joint=26    CoordSys=GLOBAL    CoordType=Cartesian    XorR=2.19545454545455    Y=0    Z=-
0.2    SpecialJt=No    GlobalX=2.19545454545455    GlobalY=0    GlobalZ=-0.2

TABLE:  "CONNECTIVITY - FRAME"
   Frame=1    JointI=1    JointJ=2    IsCurved=No    Lenght=2.35    CentroidX=0    CentroidY=0
CentroidZ=1.175
   Frame=2    JointI=2    JointJ=3    IsCurved=No    Lenght=2.3    CentroidX=1.15
CentroidY=0    CentroidZ=2.35
   Frame=3    JointI=4    JointJ=3    IsCurved=No    Lenght=2.35    CentroidX=2.3
CentroidY=0    CentroidZ=1.175
   Frame=4    JointI=1    JointJ=5    IsCurved=No    Lenght=.104545454545455
CentroidX=5.22727272727273E-02    CentroidY=0    CentroidZ=0
   Frame=5    JointI=5    JointJ=6    IsCurved=No    Lenght=.209090909090909
CentroidX=.209090909090909    CentroidY=0    CentroidZ=0
   Frame=6    JointI=6    JointJ=7    IsCurved=No    Lenght=.209090909090909
CentroidX=.418181818181818    CentroidY=0    CentroidZ=0
   Frame=7    JointI=7    JointJ=8    IsCurved=No    Lenght=.209090909090909
CentroidX=.627272727272727    CentroidY=0    CentroidZ=0
   Frame=8    JointI=8    JointJ=9    IsCurved=No    Lenght=.209090909090909
CentroidX=.836363636363636    CentroidY=0    CentroidZ=0
   Frame=9    JointI=9    JointJ=10    IsCurved=No    Lenght=.209090909090909
CentroidX=1.04545454545455    CentroidY=0    CentroidZ=0
```

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   Frame=10       JointI=10       JointJ=11       IsCurved=No       Lenght=.209090909090909
CentroidX=1.25454545454545   CentroidY=0   CentroidZ=0
   Frame=11       JointI=11       JointJ=12       IsCurved=No       Lenght=.209090909090909
CentroidX=1.46363636363636   CentroidY=0   CentroidZ=0
   Frame=12       JointI=12       JointJ=13       IsCurved=No       Lenght=.209090909090909
CentroidX=1.67272727272727   CentroidY=0   CentroidZ=0
   Frame=13       JointI=13       JointJ=14       IsCurved=No       Lenght=.209090909090909
CentroidX=1.88181818181818   CentroidY=0   CentroidZ=0
   Frame=14       JointI=14       JointJ=15       IsCurved=No       Lenght=.209090909090909
CentroidX=2.09090909090909   CentroidY=0   CentroidZ=0
   Frame=15       JointI=15       JointJ=4       IsCurved=No       Lenght=.104545454545455
CentroidX=2.24772727272727   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=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=6   CoordSys=Local   U1=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=7   CoordSys=Local   U1=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=8   CoordSys=Local   U1=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=9   CoordSys=Local   U1=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=10   CoordSys=Local   U1=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=11   CoordSys=Local   U1=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=12   CoordSys=Local   U1=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=13   CoordSys=Local   U1=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=14   CoordSys=Local   U1=9011   U2=0   U3=0   R1=0   R2=0   R3=0
   Joint=15   CoordSys=Local   U1=9011   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
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   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=12   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=2   StationType=MinNumSta   MinNumSta=12   AddAtElmInt=Yes   AddAtPtLoad=Yes
   Frame=3   StationType=MinNumSta   MinNumSta=12   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=.1128     MultiplierY=0
MultiplierZ=0
   Frame=2     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=3     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=4     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=5     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=6     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=7     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=8     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=9     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=10     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=11     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=12     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=13     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
   Frame=14     LoadPat=G1-SLD-X     CoordSys=GLOBAL     MultiplierX=.1128     MultiplierY=0
MultiplierZ=0
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   Frame=15    LoadPat=G1-SLD-X     CoordSys=GLOBAL    MultiplierX=.1128    MultiplierY=0
MultiplierZ=0
   Frame=1     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.047
   Frame=2     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.047
   Frame=3     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.047
   Frame=4     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.047
   Frame=5     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.047
   Frame=6     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.047
   Frame=7     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.047
   Frame=8     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.047
   Frame=9     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.047
   Frame=10     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.047
   Frame=11     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.047
   Frame=12     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.047
   Frame=13     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.047
   Frame=14     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.047
   Frame=15     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     MultiplierX=0      MultiplierY=0
MultiplierZ=.047
   Frame=1     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=2     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=3     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=4     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=5     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=6     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=7     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=8     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=9     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=10     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=11     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=12     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=13     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=14     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=15     LoadPat=G1-SLV-X     CoordSys=GLOBAL     MultiplierX=.318    MultiplierY=0
MultiplierZ=0
   Frame=1     LoadPat=G1-SLV-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.1325
   Frame=2     LoadPat=G1-SLV-Z     CoordSys=GLOBAL     MultiplierX=0       MultiplierY=0
MultiplierZ=.1325
```

```
   Frame=3      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=4      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=5      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=6      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=7      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=8      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=9      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=10      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=11      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=12      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=13      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=14      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325
   Frame=15      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      MultiplierX=0      MultiplierY=0
MultiplierZ=.1325

TABLE:  "FRAME LOADS - DISTRIBUTED"
   Frame=1     LoadPat=SPT-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=88.0135221504242    FOverLB=69.9496114907301
   Frame=1     LoadPat=SPTd-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=107.626262810348    FOverLB=85.5370298318047
   Frame=1     LoadPat=SPTKa-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=54.4752248503566    FOverLB=43.2947201867463
   Frame=1     LoadPat=SPTKad-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=70.3432123116832    FOverLB=55.9059591298094
   Frame=1     LoadPat=SPA-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=5.53280732144802    FOverLB=5.75676057487148
   Frame=1     LoadPat=SPAd-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=6.76572599650599    FOverLB=7.03958450280449
   Frame=1     LoadPat=SPAKa-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=3.42448427838685    FOverLB=3.56309824971913
   Frame=1     LoadPat=SPAKad-SX     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=4.42199596815451    FOverLB=4.60098654674463
   Frame=1     LoadPat=IDRO     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=8.51063829787234E-02    RelDistB=.936170212765957    FOverLA=-20    FOverLB=0
   Frame=1     LoadPat=G1-SLD-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=16.3744776055132    FOverLB=13.0137769615869
   Frame=1     LoadPat=G1-SLV-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=52.9823264731352    FOverLB=42.1082245332341
   Frame=1     LoadPat=G1d-SLV-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=62.3926275856169    FOverLB=49.5871538016693
   Frame=2     LoadPat=PERSUP     CoordSys=GLOBAL     Type=Force     Dir=Z     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-179    FOverLB=-179
   Frame=2     LoadPat=ACCSUP     CoordSys=GLOBAL     Type=Force     Dir=Z     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-15.1681664934234    FOverLB=-15.1681664934234
   Frame=2     LoadPat=FREN     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=19.9315748341334    FOverLB=19.9315748341334
   Frame=2     LoadPat=G1-SLD-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=20.1912    FOverLB=20.1912
   Frame=2     LoadPat=G1-SLD-Z     CoordSys=GLOBAL     Type=Force     Dir=Z     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-8.41299999999999    FOverLB=-8.41299999999999
   Frame=2     LoadPat=G1-SLV-X     CoordSys=GLOBAL     Type=Force     Dir=X     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=56.9219999999999    FOverLB=56.9219999999999
   Frame=2     LoadPat=G1-SLV-Z     CoordSys=GLOBAL     Type=Force     Dir=Z     DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-23.7175    FOverLB=-23.7175
```

```
   Frame=3    LoadPat=SPT-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-88.0135221504242   FOverLB=-69.9496114907301
   Frame=3    LoadPat=SPTd-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-107.626262810348   FOverLB=-85.5370298318047
   Frame=3    LoadPat=SPTKa-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-54.4752248503566   FOverLB=-43.2947201867463
   Frame=3    LoadPat=SPTKad-DX    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-70.3432123116832   FOverLB=-55.9059591298094
   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=8.51063829787234E-02   RelDistB=.936170212765957   FOverLA=20   FOverLB=0
   Frame=3    LoadPat=G3-SLD-X    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=8.51063829787234E-02   RelDistB=.936170212765957   FOverLA=1.974   FOverLB=0
   Frame=3    LoadPat=G3-SLV-X    CoordSys=GLOBAL    Type=Force    Dir=X    DistType=RelDist
RelDistA=8.51063829787234E-02   RelDistB=.936170212765957   FOverLA=1.974   FOverLB=0
   Frame=5    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=.217391304347826   RelDistB=1   FOverLA=-20   FOverLB=-20
   Frame=6    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-20   FOverLB=-20
   Frame=7    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-20   FOverLB=-20
   Frame=8    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-20   FOverLB=-20
   Frame=9    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-20   FOverLB=-20
   Frame=10    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-20   FOverLB=-20
   Frame=11    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-20   FOverLB=-20
   Frame=12    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-20   FOverLB=-20
   Frame=13    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-20   FOverLB=-20
   Frame=14    LoadPat=IDRO    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=.782608695652174   FOverLA=-20   FOverLB=-20
   Frame=5    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=.217391304347826   RelDistB=1   FOverLA=-.94   FOverLB=-.94
   Frame=6    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-.94   FOverLB=-.94
   Frame=7    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-.94   FOverLB=-.94
   Frame=8    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-.94   FOverLB=-.94
   Frame=9    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-.94   FOverLB=-.94
   Frame=10    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-.94   FOverLB=-.94
   Frame=11    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-.94   FOverLB=-.94
   Frame=12    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-.94   FOverLB=-.94
   Frame=13    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-.94   FOverLB=-.94
   Frame=14    LoadPat=G3-SLD-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=.782608695652174   FOverLA=-.94   FOverLB=-.94
   Frame=5    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=.217391304347826   RelDistB=1   FOverLA=-2.65   FOverLB=-2.65
   Frame=6    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-2.65   FOverLB=-2.65
```

```
   Frame=7    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-2.65    FOverLB=-2.65
   Frame=8    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-2.65    FOverLB=-2.65
   Frame=9    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-2.65    FOverLB=-2.65
   Frame=10    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-2.65    FOverLB=-2.65
   Frame=11    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-2.65    FOverLB=-2.65
   Frame=12    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-2.65    FOverLB=-2.65
   Frame=13    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=1    FOverLA=-2.65    FOverLB=-2.65
   Frame=14    LoadPat=G3-SLV-Z    CoordSys=GLOBAL    Type=Force    Dir=Z    DistType=RelDist
RelDistA=0    RelDistB=.782608695652174    FOverLA=-2.65    FOverLB=-2.65

TABLE:  "FRAME LOADS - TEMPERATURE"
   Frame=2    LoadPat=TEMPUNI    Type=Temperature    Temp=10    JtPattern=None
   Frame=2         LoadPat=TEMPVAR         Type=Gradient2         TempGrad2=16.6666666666667
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
```

14 TABULATI SLIDE

14.1 MURO DI SOSTEGNO - FASE STATICA

14.1.1 INPUT

Document Name

File Name: pk1+391_ASSE Me stat grad4.sli

Project Settings

Project Title: SLIDE - An Interactive Slope Stability Program
Failure Direction: Left to Right
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

Material: Material 4
Strength Type: Mohr-Coulomb
Unit Weight: 19 kN/m3
Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: Material 5
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3
Cohesion: 0 kPa
Friction Angle: 34 degrees
Water Surface: None

List of All Coordinates

Material Boundary

202334.702	486517.834
202336.289	486517.382
202340.433	486516.382
202344.995	486515.382
202349.175	486514.382
202351.708	486513.382
202356.131	486512.382
202360.784	486511.382
202369.594	486510.382
202373.765	486509.382
202375.786	486508.382
202377.139	486507.392
202377.981	486506.382
202381.179	486505.382
202389.483	486503.367

Material Boundary

202390.911	486508.567
202390.911	486503.367
202389.483	486503.367
202387.311	486503.367

202387.311 486502.667
202391.811 486502.667
202391.811 486502.866

Material Boundary
202391.511 486506.382
202391.511 486503.367
202391.811 486503.367
202391.811 486502.866

Material Boundary
202334.702 486515.863
202334.707 486515.861
202336.289 486515.382
202340.433 486514.382
202344.995 486513.382
202349.175 486512.382
202351.708 486511.382
202356.131 486510.382
202360.784 486509.382
202369.594 486508.382
202373.765 486507.382
202375.786 486506.382
202377.139 486505.392
202377.981 486504.382
202381.179 486503.382
202389.483 486501.367
202394.511 486501.367

Material Boundary
202391.811 486502.866
202394.511 486502.678
202394.511 486501.367
202394.511 486500.179
202396.511 486500.179
202396.511 486500.679
202399.511 486500.559
202399.511 486497.979
202401.511 486497.979
202401.511 486498.479
202404.511 486498.359
202404.511 486495.779
202406.511 486495.779
202406.511 486496.279
202409.511 486496.159
202409.511 486494.079
202411.511 486494.079
202416.561 486493.193

Material Boundary
202416.561 486493.193
202416.561 486494.836

External Boundary
202403.011 486500.396
202403.011 486502.396
202398.011 486502.596
202398.011 486504.593

202393.508 486504.782
202393.507 486506.304
202391.511 486506.382
202391.511 486508.767
202390.911 486508.767
202390.911 486508.567
202389.021 486508.567
202378.071 486513.567
202375.571 486513.567
202364.621 486518.567
202362.121 486518.567
202351.171 486523.567
202341.722 486523.482
202334.691 486523.407
202334.703 486517.834
202334.707 486515.861
202334.809 486468.680
202439.951 486468.680
202439.951 486490.122
202416.561 486494.836
202416.561 486495.198
202413.011 486495.816
202413.011 486497.996
202408.011 486498.196
202408.011 486500.196

Focus/Block Search Line
202387.292 486468.768
202387.292 486502.650

Search Grid
202399.637 486538.854
202452.481 486538.854
202452.481 486591.840
202399.637 486591.840

Distributed Load
202341.623 486523.481
202334.691 486523.407

14.1.2 OUTPUT

```
Raw Data for Minimum Circle Results
Center_x      Center_y      Radius Factor_of_Safety
202399.637    486538.854       38.251       1.62245
202399.637    486541.503       40.768       1.62410
202399.637    486544.152       43.300       1.62352
202399.637    486546.802       45.845       1.62606
202399.637    486549.451       48.402       1.63681
202399.637    486552.100       50.968       1.64989
202399.637    486554.749       53.542       1.66002
202399.637    486557.399       56.124       1.66719
202399.637    486560.048       58.711       1.67189
202399.637    486562.697       62.653       1.68073
202399.637    486565.347       63.901       1.67497
202399.637    486567.996       66.502       1.67679
202399.637    486570.645       69.107       1.68324
202399.637    486573.295       71.715       1.69319
202399.637    486575.944       74.327       1.70594
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202399.637	486578.593	76.940	1.72099
202399.637	486581.242	79.556	1.73787
202399.637	486583.892	82.175	1.75618
202399.637	486586.541	84.795	1.77568
202399.637	486589.190	87.417	1.79610
202399.637	486591.840	90.040	1.81376
202402.280	486538.854	39.184	1.59042
202402.280	486541.503	41.644	1.58836
202402.280	486544.152	44.126	1.57302
202402.280	486546.802	46.626	1.57294
202402.280	486549.451	49.142	1.57519
202402.280	486552.100	51.672	1.59195
202402.280	486554.749	54.213	1.60600
202402.280	486557.399	56.763	1.61934
202402.280	486560.048	59.323	1.63005
202402.280	486562.697	61.890	1.65067
202402.280	486565.347	64.463	1.65650
202402.280	486567.996	67.043	1.64772
202402.280	486570.645	69.628	1.66129
202402.280	486573.295	72.217	1.65397
202402.280	486575.944	74.811	1.66194
202402.280	486578.593	77.408	1.67279
202402.280	486581.242	80.009	1.68601
202402.280	486583.892	82.613	1.70109
202402.280	486586.541	85.220	1.71771
202402.280	486589.190	87.829	1.73562
202402.280	486591.840	90.440	1.75457
202404.922	486538.854	40.268	1.55893
202404.922	486541.503	42.666	1.56125
202404.922	486544.152	45.092	1.56460
202404.922	486546.802	47.542	1.56653
202404.922	486549.451	50.012	1.56736
202404.922	486552.100	52.499	1.56563
202404.922	486554.749	55.002	1.56710
202404.922	486557.399	57.518	1.58749
202404.922	486560.048	60.045	1.58462
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202404.922	486567.996	67.683	1.61178
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202404.922	486575.944	75.385	1.62562
202404.922	486578.593	77.963	1.63229
202404.922	486581.242	80.546	1.64162
202404.922	486583.892	83.133	1.65330
202404.922	486586.541	85.724	1.66688
202404.922	486589.190	88.318	1.68205
202404.922	486591.840	90.916	1.69851
202407.564	486538.854	41.493	1.53557
202407.564	486541.503	43.824	1.52839
202407.564	486544.152	46.189	1.52308
202407.564	486546.802	48.583	1.53332
202407.564	486549.451	51.003	1.53855
202407.564	486552.100	53.444	1.54390
202407.564	486554.749	55.905	1.54793
202407.564	486557.399	58.382	1.55141
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202407.564	486570.645	70.953	1.60695
202407.564	486573.295	73.496	1.59927
202407.564	486575.944	76.046	1.61561
202407.564	486578.593	78.603	1.61871
202407.564	486581.242	81.165	1.62326
202407.564	486583.892	83.733	1.61564
202407.564	486586.541	86.306	1.63634

202407.564	486589.190	88.883	1.63458
202407.564	486591.840	91.465	1.64854
202410.206	486538.854	42.846	1.52238
202410.206	486541.503	45.107	1.52970
202410.206	486544.152	47.408	1.52764
202410.206	486546.802	49.744	1.52904
202410.206	486549.451	52.110	1.52818
202410.206	486552.100	54.502	1.52392
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202410.206	486557.399	59.351	1.52189
202410.206	486560.048	61.803	1.52498
202410.206	486562.697	64.271	1.53312
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202410.206	486567.996	69.247	1.55696
202410.206	486570.645	71.753	1.56888
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202410.206	486578.593	79.325	1.58958
202410.206	486581.242	81.865	1.59332
202410.206	486583.892	84.412	1.59576
202410.206	486586.541	86.965	1.59915
202410.206	486589.190	89.523	1.60587
202410.206	486591.840	92.086	1.61501
202412.848	486538.854	44.316	1.50432
202412.848	486541.503	46.505	1.49497
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202412.848	486549.451	53.324	1.50989
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202412.848	486554.749	58.030	1.51851
202412.848	486557.399	60.420	1.52030
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202412.848	486562.697	65.260	1.53135
202412.848	486565.347	67.706	1.51899
202412.848	486567.996	70.166	1.52500
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202412.848	486573.295	75.125	1.54211
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202412.848	486578.593	80.128	1.56378
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202415.491	486538.854	45.890	1.52466
202415.491	486541.503	48.008	1.49944
202415.491	486544.152	50.176	1.49344
202415.491	486546.802	52.389	1.48400
202415.491	486549.451	54.640	1.48249
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202415.491	486554.749	59.242	1.48404
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202415.491	486560.048	63.951	1.50189
202415.491	486562.697	66.339	1.50726
202415.491	486565.347	69.694	1.51485
202415.491	486567.996	71.171	1.52484
202415.491	486570.645	73.611	1.51458
202415.491	486573.295	76.065	1.52061
202415.491	486575.944	78.532	1.53098
202415.491	486578.593	81.010	1.54040
202415.491	486581.242	83.498	1.54617
202415.491	486583.892	85.997	1.54875
202415.491	486586.541	88.504	1.55733
202415.491	486589.190	91.019	1.56467
202415.491	486591.840	93.542	1.56969
202418.133	486538.854	47.559	1.60746
202418.133	486541.503	49.606	1.56149

202418.133	486544.152	51.707	1.52665
202418.133	486546.802	53.857	1.50064
202418.133	486549.451	56.049	1.48496
202418.133	486552.100	58.280	1.48269
202418.133	486554.749	60.544	1.48010
202418.133	486557.399	62.838	1.47465
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202418.133	486567.996	72.259	1.49117
202418.133	486570.645	75.459	1.50116
202418.133	486573.295	77.893	1.50629
202418.133	486575.944	79.519	1.50835
202418.133	486578.593	81.967	1.51646
202418.133	486581.242	84.427	1.52510
202418.133	486583.892	86.899	1.53448
202418.133	486586.541	89.381	1.54302
202418.133	486589.190	91.872	1.54959
202418.133	486591.840	95.254	1.56498
202420.775	486538.854	49.314	1.72483
202420.775	486541.503	51.290	1.66445
202420.775	486544.152	53.325	1.61394
202420.775	486546.802	55.412	1.57249
202420.775	486549.451	57.545	1.53963
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202420.775	486560.048	66.451	1.47879
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202420.775	486565.347	71.078	1.47054
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202420.775	486570.645	75.793	1.47202
202420.775	486573.295	78.178	1.48684
202420.775	486575.944	81.243	1.49116
202420.775	486578.593	83.676	1.49750
202420.775	486581.242	85.428	1.50074
202420.775	486583.892	87.871	1.51024
202420.775	486586.541	90.327	1.51946
202420.775	486589.190	92.792	1.52735
202420.775	486591.840	95.268	1.53505
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202423.417	486544.152	55.023	1.73058
202423.417	486546.802	57.048	1.67595
202423.417	486549.451	59.122	1.62946
202423.417	486552.100	61.241	1.59134
202423.417	486554.749	63.399	1.55949
202423.417	486557.399	65.594	1.53222
202423.417	486560.048	67.821	1.50961
202423.417	486562.697	70.077	1.49152
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202423.417	486567.996	74.667	1.47768
202423.417	486570.645	76.996	1.47227
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202423.417	486578.593	84.098	1.47776
202423.417	486581.242	86.498	1.48430
202423.417	486583.892	88.912	1.48194
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202426.059	486562.697	71.475	1.55563
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202431.344	486581.242	90.097	1.53472
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202444.555	486573.295	90.938	-1000.00000
202444.555	486575.944	93.011	-1000.00000
202444.555	486578.593	95.113	-1000.00000
202444.555	486581.242	97.241	-1000.00000
202444.555	486583.892	99.395	-1000.00000
202444.555	486586.541	101.572	-1000.00000
202444.555	486589.190	103.771	-1000.00000
202444.555	486591.840	105.990	-1000.00000
202447.197	486538.854	69.996	-1000.00000
202447.197	486541.503	71.402	-1000.00000
202447.197	486544.152	72.877	-1000.00000
202447.197	486546.802	74.418	-1000.00000
202447.197	486549.451	76.020	-1000.00000
202447.197	486552.100	77.679	-1000.00000
202447.197	486554.749	79.392	-1000.00000
202447.197	486557.399	81.155	-1000.00000
202447.197	486560.048	82.965	-1000.00000
202447.197	486562.697	84.820	-1000.00000
202447.197	486565.347	86.715	-1000.00000
202447.197	486567.996	88.650	-1000.00000
202447.197	486570.645	90.620	-1000.00000
202447.197	486573.295	92.625	-1000.00000
202447.197	486575.944	94.661	-1000.00000
202447.197	486578.593	96.727	-1000.00000
202447.197	486581.242	98.820	-1000.00000
202447.197	486583.892	100.940	-1000.00000
202447.197	486586.541	103.084	-1000.00000
202447.197	486589.190	105.252	-1000.00000
202447.197	486591.840	107.441	-1000.00000
202449.839	486538.854	72.270	-1000.00000
202449.839	486541.503	73.633	-1000.00000
202449.839	486544.152	75.064	-1000.00000
202449.839	486546.802	76.561	-1000.00000
202449.839	486549.451	78.119	-1000.00000
202449.839	486552.100	79.734	-1000.00000
202449.839	486554.749	81.404	-1000.00000
202449.839	486557.399	83.124	-1000.00000
202449.839	486560.048	84.893	-1000.00000
202449.839	486562.697	86.706	-1000.00000
202449.839	486565.347	88.561	-1000.00000
202449.839	486567.996	90.456	-1000.00000
202449.839	486570.645	92.388	-1000.00000
202449.839	486573.295	94.355	-1000.00000
202449.839	486575.944	96.355	-1000.00000
202449.839	486578.593	98.385	-1000.00000
202449.839	486581.242	100.444	-1000.00000
202449.839	486583.892	102.530	-1000.00000

202449.839	486586.541	104.642	-1000.00000
202449.839	486589.190	106.778	-1000.00000
202449.839	486591.840	108.936	-1000.00000
202452.481	486538.854	74.568	-1000.00000
202452.481	486541.503	75.890	-1000.00000
202452.481	486544.152	77.280	-1000.00000
202452.481	486546.802	78.734	-1000.00000
202452.481	486549.451	80.250	-1000.00000
202452.481	486552.100	81.823	-1000.00000
202452.481	486554.749	83.451	-1000.00000
202452.481	486557.399	85.130	-1000.00000
202452.481	486560.048	86.858	-1000.00000
202452.481	486562.697	88.631	-1000.00000
202452.481	486565.347	90.447	-1000.00000
202452.481	486567.996	92.303	-1000.00000
202452.481	486570.645	94.197	-1000.00000
202452.481	486573.295	96.127	-1000.00000
202452.481	486575.944	98.090	-1000.00000
202452.481	486578.593	100.086	-1000.00000
202452.481	486581.242	102.110	-1000.00000
202452.481	486583.892	104.163	-1000.00000
202452.481	486586.541	106.242	-1000.00000
202452.481	486589.190	108.347	-1000.00000
202452.481	486591.840	110.474	-1000.00000

14.2 MURO DI SOSTEGNO - FASE SISMICA

14.2.1 INPUT

Document Name

File Name: pk1+391_ASSE Me sis grad4.sli

Project Settings

Project Title: SLIDE - An Interactive Slope Stability Program
Failure Direction: Left to Right
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): 0.111
Seismic Load Coefficient (Vertical): -0.056
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

Material: Material 4
Strength Type: Mohr-Coulomb
Unit Weight: 19 kN/m3
Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: Material 5
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m3
Cohesion: 0 kPa
Friction Angle: 34 degrees
Water Surface: None

List of All Coordinates

Material Boundary

202334.702	486517.834
202336.289	486517.382
202340.433	486516.382
202344.995	486515.382
202349.175	486514.382
202351.708	486513.382
202356.131	486512.382
202360.784	486511.382
202369.594	486510.382
202373.765	486509.382
202375.786	486508.382
202377.139	486507.392
202377.981	486506.382
202381.179	486505.382
202389.483	486503.367

Material Boundary

202390.911	486508.567
202390.911	486503.367
202389.483	486503.367
202387.311	486503.367
202387.311	486502.667
202391.811	486502.667

202391.811 486502.866

Material Boundary
202391.511 486506.382
202391.511 486503.367
202391.811 486503.367
202391.811 486502.866

Material Boundary
202334.702 486515.863
202334.707 486515.861
202336.289 486515.382
202340.433 486514.382
202344.995 486513.382
202349.175 486512.382
202351.708 486511.382
202356.131 486510.382
202360.784 486509.382
202369.594 486508.382
202373.765 486507.382
202375.786 486506.382
202377.139 486505.392
202377.981 486504.382
202381.179 486503.382
202389.483 486501.367
202394.511 486501.367

Material Boundary
202391.811 486502.866
202394.511 486502.678
202394.511 486501.367
202394.511 486500.179
202396.511 486500.179
202396.511 486500.679
202399.511 486500.559
202399.511 486497.979
202401.511 486497.979
202401.511 486498.479
202404.511 486498.359
202404.511 486495.779
202406.511 486495.779
202406.511 486496.279
202409.511 486496.159
202409.511 486494.079
202411.511 486494.079
202416.561 486493.193

Material Boundary
202416.561 486493.193
202416.561 486494.836

External Boundary
202403.011 486500.396
202403.011 486502.396
202398.011 486502.596
202398.011 486504.593
202393.508 486504.782
202393.507 486506.304

202391.511 486506.382
202391.511 486508.767
202390.911 486508.767
202390.911 486508.567
202389.021 486508.567
202378.071 486513.567
202375.571 486513.567
202364.621 486518.567
202362.121 486518.567
202351.171 486523.567
202341.722 486523.482
202334.691 486523.407
202334.703 486517.834
202334.707 486515.861
202334.809 486468.680
202439.951 486468.680
202439.951 486490.122
202416.561 486494.836
202416.561 486495.198
202413.011 486495.816
202413.011 486497.996
202408.011 486498.196
202408.011 486500.196

Focus/Block Search Line
202387.292 486468.768
202387.292 486502.650

Search Grid
202399.637 486538.854
202452.481 486538.854
202452.481 486591.840
202399.637 486591.840

Distributed Load
202341.623 486523.481
202334.691 486523.407

14.2.2 OUTPUT

Raw Data for Minimum Circle Results

Center_x	Center_y	Radius	Factor_of_Safety
202399.637	486538.854	38.251	1.23448
202399.637	486541.503	40.768	1.23281
202399.637	486544.152	43.300	1.23049
202399.637	486546.802	45.845	1.23018
202399.637	486549.451	48.402	1.23521
202399.637	486552.100	50.968	1.24161
202399.637	486554.749	53.542	1.24653
202399.637	486557.399	56.124	1.24958
202399.637	486560.048	58.711	1.25138
202399.637	486562.697	62.653	1.26080
202399.637	486565.347	63.901	1.25166
202399.637	486567.996	66.502	1.25216
202399.637	486570.645	69.107	1.25521
202399.637	486573.295	71.715	1.26054
202399.637	486575.944	74.327	1.26761
202399.637	486578.593	76.940	1.27580
202399.637	486581.242	79.556	1.28510
202399.637	486583.892	82.175	1.29540

202399.637	486586.541	84.795	1.30621
202399.637	486589.190	87.417	1.31755
202399.637	486591.840	90.040	1.32873
202402.280	486538.854	39.184	1.21326
202402.280	486541.503	41.644	1.20931
202402.280	486544.152	44.126	1.19577
202402.280	486546.802	46.626	1.19391
202402.280	486549.451	49.142	1.19352
202402.280	486552.100	51.672	1.20409
202402.280	486554.749	54.213	1.21121
202402.280	486557.399	56.763	1.21850
202402.280	486560.048	59.323	1.22394
202402.280	486562.697	61.890	1.23777
202402.280	486565.347	64.463	1.24059
202402.280	486567.996	67.043	1.23242
202402.280	486570.645	69.628	1.24191
202402.280	486573.295	72.217	1.23505
202402.280	486575.944	74.811	1.23919
202402.280	486578.593	77.408	1.24528
202402.280	486581.242	80.009	1.25259
202402.280	486583.892	82.613	1.26106
202402.280	486586.541	85.220	1.27042
202402.280	486589.190	87.829	1.28052
202402.280	486591.840	90.440	1.29125
202404.922	486538.854	40.268	1.19145
202404.922	486541.503	42.666	1.19010
202404.922	486544.152	45.092	1.18972
202404.922	486546.802	47.542	1.18935
202404.922	486549.451	50.012	1.18847
202404.922	486552.100	52.499	1.18594
202404.922	486554.749	55.002	1.18519
202404.922	486557.399	57.518	1.19863
202404.922	486560.048	60.045	1.19384
202404.922	486562.697	62.582	1.19791
202404.922	486565.347	65.129	1.20326
202404.922	486567.996	67.683	1.20889
202404.922	486570.645	70.244	1.21159
202404.922	486573.295	72.811	1.21377
202404.922	486575.944	75.385	1.21561
202404.922	486578.593	77.963	1.21914
202404.922	486581.242	80.546	1.22434
202404.922	486583.892	83.133	1.23090
202404.922	486586.541	85.724	1.23865
202404.922	486589.190	88.318	1.24735
202404.922	486591.840	90.916	1.25670
202407.564	486538.854	41.493	1.17554
202407.564	486541.503	43.824	1.16811
202407.564	486544.152	46.189	1.16206
202407.564	486546.802	48.583	1.16754
202407.564	486549.451	51.003	1.16904
202407.564	486552.100	53.444	1.17128
202407.564	486554.749	55.905	1.17254
202407.564	486557.399	58.382	1.17364
202407.564	486560.048	60.873	1.17745
202407.564	486562.697	63.377	1.18243
202407.564	486565.347	65.893	1.18821
202407.564	486567.996	68.419	1.20164
202407.564	486570.645	70.953	1.20550
202407.564	486573.295	73.496	1.19822
202407.564	486575.944	76.046	1.20973
202407.564	486578.593	78.603	1.21121
202407.564	486581.242	81.165	1.21399
202407.564	486583.892	83.733	1.20685
202407.564	486586.541	86.306	1.22104
202407.564	486589.190	88.883	1.21737
202407.564	486591.840	91.465	1.22547
202410.206	486538.854	42.846	1.16692

202410.206	486541.503	45.107	1.16960
202410.206	486544.152	47.408	1.16570
202410.206	486546.802	49.744	1.16488
202410.206	486549.451	52.110	1.16213
202410.206	486552.100	54.502	1.15762
202410.206	486554.749	56.916	1.15240
202410.206	486557.399	59.351	1.15325
202410.206	486560.048	61.803	1.15407
202410.206	486562.697	64.271	1.15950
202410.206	486565.347	66.753	1.16568
202410.206	486567.996	69.247	1.17279
202410.206	486570.645	71.753	1.17964
202410.206	486573.295	74.268	1.18392
202410.206	486575.944	76.793	1.18783
202410.206	486578.593	79.325	1.19034
202410.206	486581.242	81.865	1.19227
202410.206	486583.892	84.412	1.19317
202410.206	486586.541	86.965	1.19502
202410.206	486589.190	89.523	1.19868
202410.206	486591.840	92.086	1.20399
202412.848	486538.854	44.316	1.15621
202412.848	486541.503	46.505	1.14551
202412.848	486544.152	48.740	1.14467
202412.848	486546.802	51.015	1.14314
202412.848	486549.451	53.324	1.14940
202412.848	486552.100	55.664	1.15050
202412.848	486554.749	58.030	1.15217
202412.848	486557.399	60.420	1.15192
202412.848	486560.048	62.831	1.14986
202412.848	486562.697	65.260	1.15914
202412.848	486565.347	67.706	1.14794
202412.848	486567.996	70.166	1.15136
202412.848	486570.645	72.640	1.15365
202412.848	486573.295	75.125	1.16141
202412.848	486575.944	77.622	1.16806
202412.848	486578.593	80.128	1.17377
202412.848	486581.242	82.644	1.17840
202412.848	486583.892	85.167	1.18159
202412.848	486586.541	87.698	1.18365
202412.848	486589.190	90.235	1.18525
202412.848	486591.840	92.779	1.18787
202415.491	486538.854	45.890	1.16900
202415.491	486541.503	48.008	1.14853
202415.491	486544.152	50.176	1.14332
202415.491	486546.802	52.389	1.13456
202415.491	486549.451	54.640	1.13153
202415.491	486552.100	56.926	1.13085
202415.491	486554.749	59.242	1.12911
202415.491	486557.399	61.584	1.13601
202415.491	486560.048	63.951	1.13888
202415.491	486562.697	66.339	1.14141
202415.491	486565.347	69.694	1.14701
202415.491	486567.996	71.171	1.15323
202415.491	486570.645	73.611	1.14321
202415.491	486573.295	76.065	1.14625
202415.491	486575.944	78.532	1.15232
202415.491	486578.593	81.010	1.15792
202415.491	486581.242	83.498	1.16186
202415.491	486583.892	85.997	1.16272
202415.491	486586.541	88.504	1.16776
202415.491	486589.190	91.019	1.17207
202415.491	486591.840	93.542	1.17480
202418.133	486538.854	47.559	1.22544
202418.133	486541.503	49.606	1.19151
202418.133	486544.152	51.707	1.16561
202418.133	486546.802	53.857	1.14482
202418.133	486549.451	56.049	1.13261

202418.133	486552.100	58.280	1.13063
202418.133	486554.749	60.544	1.12763
202418.133	486557.399	62.838	1.12223
202418.133	486560.048	65.159	1.12204
202418.133	486562.697	67.505	1.12068
202418.133	486565.347	69.872	1.12406
202418.133	486567.996	72.259	1.12916
202418.133	486570.645	75.459	1.13610
202418.133	486573.295	77.893	1.13838
202418.133	486575.944	79.519	1.13777
202418.133	486578.593	81.967	1.14225
202418.133	486581.242	84.427	1.14698
202418.133	486583.892	86.899	1.15247
202418.133	486586.541	89.381	1.15764
202418.133	486589.190	91.872	1.16223
202418.133	486591.840	95.254	1.17311
202420.775	486538.854	49.314	1.30315
202420.775	486541.503	51.290	1.26036
202420.775	486544.152	53.325	1.22423
202420.775	486546.802	55.412	1.19430
202420.775	486549.451	57.545	1.17037
202420.775	486552.100	59.720	1.14996
202420.775	486554.749	61.932	1.13495
202420.775	486557.399	64.176	1.12618
202420.775	486560.048	66.451	1.12401
202420.775	486562.697	68.752	1.11847
202420.775	486565.347	71.078	1.11642
202420.775	486567.996	73.425	1.11555
202420.775	486570.645	75.793	1.11532
202420.775	486573.295	78.178	1.12561
202420.775	486575.944	81.243	1.12784
202420.775	486578.593	83.676	1.13105
202420.775	486581.242	85.428	1.13188
202420.775	486583.892	87.871	1.13713
202420.775	486586.541	90.327	1.14229
202420.775	486589.190	92.792	1.14669
202420.775	486591.840	95.268	1.15099
202423.417	486538.854	51.145	-1000.00000
202423.417	486541.503	53.053	1.34327
202423.417	486544.152	55.023	1.30056
202423.417	486546.802	57.048	1.26252
202423.417	486549.451	59.122	1.22987
202423.417	486552.100	61.241	1.20286
202423.417	486554.749	63.399	1.18001
202423.417	486557.399	65.594	1.16032
202423.417	486560.048	67.821	1.14310
202423.417	486562.697	70.077	1.12995
202423.417	486565.347	72.360	1.12540
202423.417	486567.996	74.667	1.12024
202423.417	486570.645	76.996	1.11587
202423.417	486573.295	79.346	1.11341
202423.417	486575.944	81.713	1.11091
202423.417	486578.593	84.098	1.11813
202423.417	486581.242	86.498	1.12208
202423.417	486583.892	88.912	1.11916
202423.417	486586.541	91.339	1.12437
202423.417	486589.190	93.778	1.13131
202423.417	486591.840	96.228	1.13664
202426.059	486538.854	53.044	-1000.00000
202426.059	486541.503	54.886	-1000.00000
202426.059	486544.152	56.793	-1000.00000
202426.059	486546.802	58.756	-1000.00000
202426.059	486549.451	60.772	-1000.00000
202426.059	486552.100	62.835	1.27080
202426.059	486554.749	64.941	1.24150
202426.059	486557.399	67.085	1.21576
202426.059	486560.048	69.264	1.19269

202426.059	486562.697	71.475	1.17334
202426.059	486565.347	73.715	1.15470
202426.059	486567.996	75.981	1.14030
202426.059	486570.645	78.271	1.12872
202426.059	486573.295	80.583	1.12726
202426.059	486575.944	82.915	1.11943
202426.059	486578.593	85.266	1.11434
202426.059	486581.242	87.634	1.11081
202426.059	486583.892	90.018	1.10806
202426.059	486586.541	92.416	1.10851
202426.059	486589.190	94.827	1.11299
202426.059	486591.840	97.251	1.11936
202428.702	486538.854	55.005	-1000.00000
202428.702	486541.503	56.783	-1000.00000
202428.702	486544.152	58.628	-1000.00000
202428.702	486546.802	60.532	-1000.00000
202428.702	486549.451	62.491	-1000.00000
202428.702	486552.100	64.499	-1000.00000
202428.702	486554.749	66.552	-1000.00000
202428.702	486557.399	68.646	-1000.00000
202428.702	486560.048	70.777	-1000.00000
202428.702	486562.697	72.942	1.23067
202428.702	486565.347	75.138	1.20844
202428.702	486567.996	77.362	1.18790
202428.702	486570.645	79.613	1.17003
202428.702	486573.295	81.887	1.15297
202428.702	486575.944	84.183	1.13946
202428.702	486578.593	86.500	1.12877
202428.702	486581.242	88.835	1.12669
202428.702	486583.892	91.187	1.11929
202428.702	486586.541	93.555	1.11410
202428.702	486589.190	95.938	1.11049
202428.702	486591.840	98.334	1.10875
202431.344	486538.854	57.020	-1000.00000
202431.344	486541.503	58.738	-1000.00000
202431.344	486544.152	60.523	-1000.00000
202431.344	486546.802	62.370	-1000.00000
202431.344	486549.451	64.272	-1000.00000
202431.344	486552.100	66.226	-1000.00000
202431.344	486554.749	68.227	-1000.00000
202431.344	486557.399	70.271	-1000.00000
202431.344	486560.048	72.354	-1000.00000
202431.344	486562.697	74.474	-1000.00000
202431.344	486565.347	76.626	-1000.00000
202431.344	486567.996	78.808	-1000.00000
202431.344	486570.645	81.018	-1000.00000
202431.344	486573.295	83.254	-1000.00000
202431.344	486575.944	85.514	1.18501
202431.344	486578.593	87.795	1.16833
202431.344	486581.242	90.097	1.15228
202431.344	486583.892	92.417	1.13961
202431.344	486586.541	94.754	1.12970
202431.344	486589.190	97.108	1.12736
202431.344	486591.840	99.476	1.12017
202433.986	486538.854	59.085	-1000.00000
202433.986	486541.503	60.745	-1000.00000
202433.986	486544.152	62.473	-1000.00000
202433.986	486546.802	64.263	-1000.00000
202433.986	486549.451	66.111	-1000.00000
202433.986	486552.100	68.013	-1000.00000
202433.986	486554.749	69.962	-1000.00000
202433.986	486557.399	71.957	-1000.00000
202433.986	486560.048	73.993	-1000.00000
202433.986	486562.697	76.066	-1000.00000
202433.986	486565.347	78.175	-1000.00000
202433.986	486567.996	80.315	-1000.00000
202433.986	486570.645	82.485	-1000.00000

202433.986	486573.295	84.682	-1000.00000
202433.986	486575.944	86.905	-1000.00000
202433.986	486578.593	89.150	-1000.00000
202433.986	486581.242	91.418	-1000.00000
202433.986	486583.892	93.705	-1000.00000
202433.986	486586.541	96.011	1.16850
202433.986	486589.190	98.334	1.15316
202433.986	486591.840	100.674	1.14116
202436.628	486538.854	61.195	-1000.00000
202436.628	486541.503	62.799	-1000.00000
202436.628	486544.152	64.471	-1000.00000
202436.628	486546.802	66.208	-1000.00000
202436.628	486549.451	68.003	-1000.00000
202436.628	486552.100	69.853	-1000.00000
202436.628	486554.749	71.753	-1000.00000
202436.628	486557.399	73.699	-1000.00000
202436.628	486560.048	75.688	-1000.00000
202436.628	486562.697	77.716	-1000.00000
202436.628	486565.347	79.781	-1000.00000
202436.628	486567.996	81.879	-1000.00000
202436.628	486570.645	84.009	-1000.00000
202436.628	486573.295	86.167	-1000.00000
202436.628	486575.944	88.352	-1000.00000
202436.628	486578.593	90.562	-1000.00000
202436.628	486581.242	92.795	-1000.00000
202436.628	486583.892	95.049	-1000.00000
202436.628	486586.541	97.323	-1000.00000
202436.628	486589.190	99.616	-1000.00000
202436.628	486591.840	101.926	-1000.00000
202439.270	486538.854	63.344	-1000.00000
202439.270	486541.503	64.895	-1000.00000
202439.270	486544.152	66.515	-1000.00000
202439.270	486546.802	68.200	-1000.00000
202439.270	486549.451	69.944	-1000.00000
202439.270	486552.100	71.744	-1000.00000
202439.270	486554.749	73.595	-1000.00000
202439.270	486557.399	75.493	-1000.00000
202439.270	486560.048	77.436	-1000.00000
202439.270	486562.697	79.420	-1000.00000
202439.270	486565.347	81.441	-1000.00000
202439.270	486567.996	83.498	-1000.00000
202439.270	486570.645	85.587	-1000.00000
202439.270	486573.295	87.707	-1000.00000
202439.270	486575.944	89.854	-1000.00000
202439.270	486578.593	92.028	-1000.00000
202439.270	486581.242	94.226	-1000.00000
202439.270	486583.892	96.447	-1000.00000
202439.270	486586.541	98.689	-1000.00000
202439.270	486589.190	100.951	-1000.00000
202439.270	486591.840	103.231	-1000.00000
202441.913	486538.854	65.530	-1000.00000
202441.913	486541.503	67.030	-1000.00000
202441.913	486544.152	68.600	-1000.00000
202441.913	486546.802	70.234	-1000.00000
202441.913	486549.451	71.929	-1000.00000
202441.913	486552.100	73.680	-1000.00000
202441.913	486554.749	75.484	-1000.00000
202441.913	486557.399	77.336	-1000.00000
202441.913	486560.048	79.234	-1000.00000
202441.913	486562.697	81.174	-1000.00000
202441.913	486565.347	83.153	-1000.00000
202441.913	486567.996	85.168	-1000.00000
202441.913	486570.645	87.217	-1000.00000
202441.913	486573.295	89.298	-1000.00000
202441.913	486575.944	91.408	-1000.00000
202441.913	486578.593	93.546	-1000.00000
202441.913	486581.242	95.709	-1000.00000

202441.913	486583.892	97.896	-1000.00000
202441.913	486586.541	100.106	-1000.00000
202441.913	486589.190	102.336	-1000.00000
202441.913	486591.840	104.586	-1000.00000
202444.555	486538.854	67.748	-1000.00000
202444.555	486541.503	69.200	-1000.00000
202444.555	486544.152	70.722	-1000.00000
202444.555	486546.802	72.308	-1000.00000
202444.555	486549.451	73.956	-1000.00000
202444.555	486552.100	75.660	-1000.00000
202444.555	486554.749	77.417	-1000.00000
202444.555	486557.399	79.225	-1000.00000
202444.555	486560.048	81.078	-1000.00000
202444.555	486562.697	82.975	-1000.00000
202444.555	486565.347	84.912	-1000.00000
202444.555	486567.996	86.886	-1000.00000
202444.555	486570.645	88.896	-1000.00000
202444.555	486573.295	90.938	-1000.00000
202444.555	486575.944	93.011	-1000.00000
202444.555	486578.593	95.113	-1000.00000
202444.555	486581.242	97.241	-1000.00000
202444.555	486583.892	99.395	-1000.00000
202444.555	486586.541	101.572	-1000.00000
202444.555	486589.190	103.771	-1000.00000
202444.555	486591.840	105.990	-1000.00000
202447.197	486538.854	69.996	-1000.00000
202447.197	486541.503	71.402	-1000.00000
202447.197	486544.152	72.877	-1000.00000
202447.197	486546.802	74.418	-1000.00000
202447.197	486549.451	76.020	-1000.00000
202447.197	486552.100	77.679	-1000.00000
202447.197	486554.749	79.392	-1000.00000
202447.197	486557.399	81.155	-1000.00000
202447.197	486560.048	82.965	-1000.00000
202447.197	486562.697	84.820	-1000.00000
202447.197	486565.347	86.715	-1000.00000
202447.197	486567.996	88.650	-1000.00000
202447.197	486570.645	90.620	-1000.00000
202447.197	486573.295	92.625	-1000.00000
202447.197	486575.944	94.661	-1000.00000
202447.197	486578.593	96.727	-1000.00000
202447.197	486581.242	98.820	-1000.00000
202447.197	486583.892	100.940	-1000.00000
202447.197	486586.541	103.084	-1000.00000
202447.197	486589.190	105.252	-1000.00000
202447.197	486591.840	107.441	-1000.00000
202449.839	486538.854	72.270	-1000.00000
202449.839	486541.503	73.633	-1000.00000
202449.839	486544.152	75.064	-1000.00000
202449.839	486546.802	76.561	-1000.00000
202449.839	486549.451	78.119	-1000.00000
202449.839	486552.100	79.734	-1000.00000
202449.839	486554.749	81.404	-1000.00000
202449.839	486557.399	83.124	-1000.00000
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202449.839	486562.697	86.706	-1000.00000
202449.839	486565.347	88.561	-1000.00000
202449.839	486567.996	90.456	-1000.00000
202449.839	486570.645	92.388	-1000.00000
202449.839	486573.295	94.355	-1000.00000
202449.839	486575.944	96.355	-1000.00000
202449.839	486578.593	98.385	-1000.00000
202449.839	486581.242	100.444	-1000.00000
202449.839	486583.892	102.530	-1000.00000
202449.839	486586.541	104.642	-1000.00000
202449.839	486589.190	106.778	-1000.00000
202449.839	486591.840	108.936	-1000.00000

202452.481	486538.854	74.568	-1000.00000
202452.481	486541.503	75.890	-1000.00000
202452.481	486544.152	77.280	-1000.00000
202452.481	486546.802	78.734	-1000.00000
202452.481	486549.451	80.250	-1000.00000
202452.481	486552.100	81.823	-1000.00000
202452.481	486554.749	83.451	-1000.00000
202452.481	486557.399	85.130	-1000.00000
202452.481	486560.048	86.858	-1000.00000
202452.481	486562.697	88.631	-1000.00000
202452.481	486565.347	90.447	-1000.00000
202452.481	486567.996	92.303	-1000.00000
202452.481	486570.645	94.197	-1000.00000
202452.481	486573.295	96.127	-1000.00000
202452.481	486575.944	98.090	-1000.00000
202452.481	486578.593	100.086	-1000.00000
202452.481	486581.242	102.110	-1000.00000
202452.481	486583.892	104.163	-1000.00000
202452.481	486586.541	106.242	-1000.00000
202452.481	486589.190	108.347	-1000.00000
202452.481	486591.840	110.474	-1000.00000