



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)
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 <p>IL PROGETTISTA Dott. Ing. F. Colla Ordine Ingegneri Milano n° 20355 Dott. Ing. E. Pagani Ordine Ingegneri Milano n° 15408</p> 	<p>IL CONTRAENTE GENERALE</p> <p>Project Manager (Ing. P.P. Marcheselli)</p>	<p>STRETTO DI MESSINA Direttore Generale e RUP Validazione (Ing. G. Fiammenghi)</p>	<p>STRETTO DI MESSINA Amministratore Delegato (Dott. P. Ciucci)</p>
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<i>Unità Funzionale</i>	COLLEGAMENTI CALABRIA	CS0573_F0
<i>Tipo di sistema</i>	INFRASTRUTTURE STRADALI OPERE CIVILI	
<i>Raggruppamento di opere/attività</i>	ELEMENTI DI CARATTERE GENERALE	
<i>Opera - tratto d'opera - parte d'opera</i>	GENERALE	
<i>Titolo del documento</i>	ADEGUAMENTO TOMBINO PK 2+826 (ASSE C) – RELAZIONE DI CALCOLO	



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



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ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

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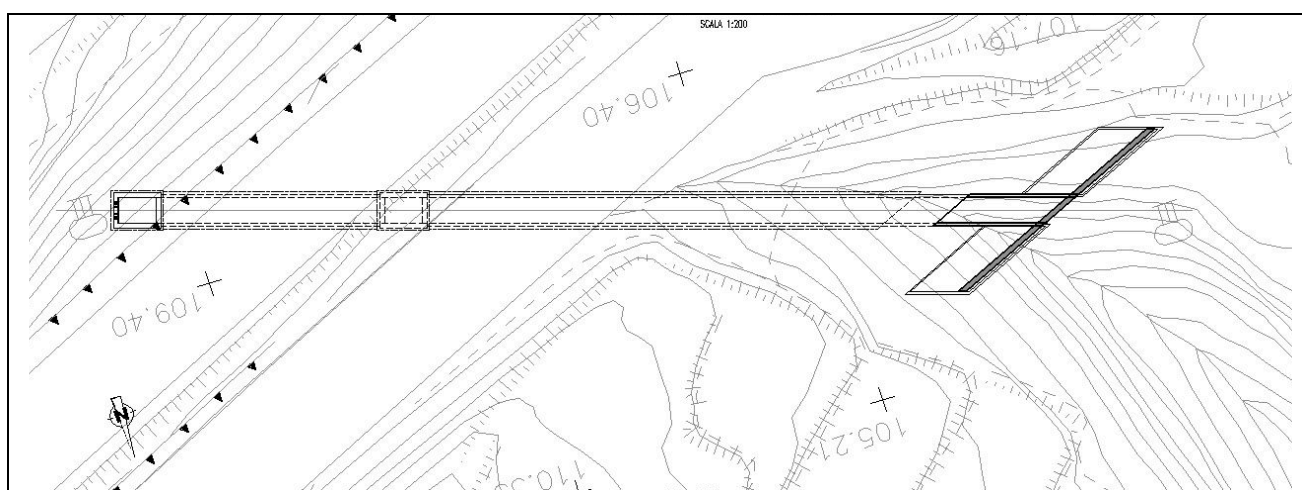
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PREMESSA

Il presente documento riporta la descrizione tecnico-funzionale dell'opera "Adeguamento tombino pk 2+826.55 (Asse C)", opera inquadrata nel Progetto Definitivo del Ponte sullo Stretto di Messina per l'adeguamento dell'autostrada esistente A3 "Salerno-Reggio Calabria".



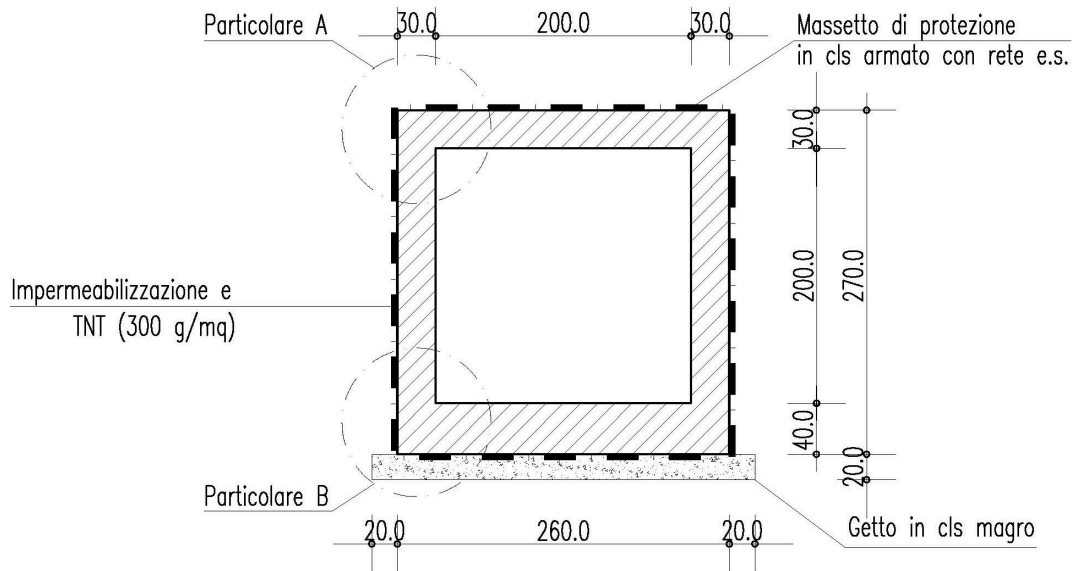
Stralcio planimetrico dell'opera

Si riassumono brevemente le principali caratteristiche geometriche dello scatolare:

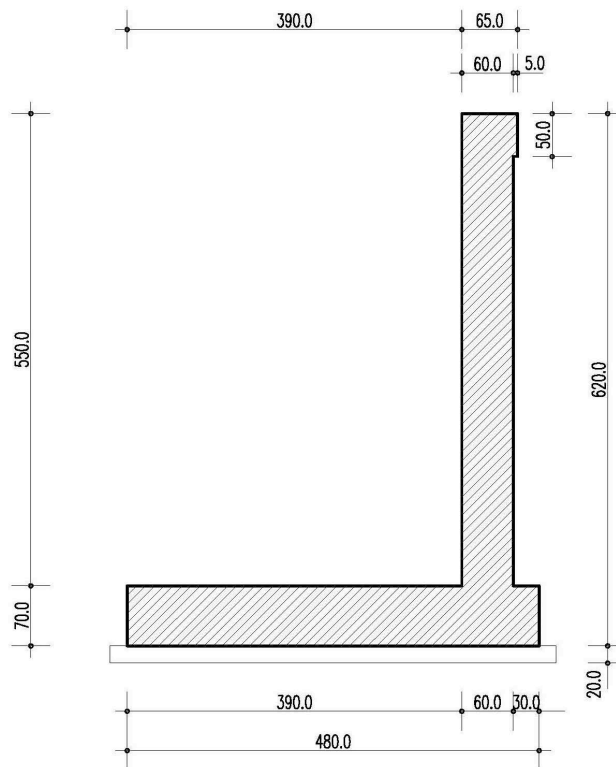
Larghezza interna		2.00 m
Altezza interna		2.00 m
Spessore soletta		0.30 m
Spessore controsoletta		0.40 m
Spessore piedritti		0.30 m
Spessore del ricoprimento (di calcolo)		1.00 m

A valle dell'opera vi è un muro di sostegno con altezza pari a 5.50 m, ciabatta di fondazione di lunghezza pari a 4.80 m con un dente anteriore pari a 0.30 m. Lo spessore dell'elevazione è pari a 0.60 m mentre quello della fondazione è pari a 0.70 m.

Nelle illustrazioni seguenti si riportano le sezioni trasversali:





Sezione trasversale scatolare



Sezione trasversale muro

Per ulteriori dettagli si rimanda agli elaborati grafici di progetto.



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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.

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Thomas Telford ed. - 1996

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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.

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

Resistenze di calcolo a SLU:

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

Resistenze di calcolo a SLE:

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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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	$\gamma_c = -$	$= 1.50$	-
Coeff. riduttivo per resist. di lunga durata	$\alpha_{cc} = -$	$= 0.85$	-
Resistenza a compressione di calcolo	$f_{cd} = \alpha_{cc} f_{ck} / \gamma_c$	$= 14.11$	N/mm^2
Resistenza a trazione di calcolo	$f_{ctd} = f_{ctk} / \gamma_c$	$= 1.19$	N/mm^2

Resistenze di calcolo a SLE:

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

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

Resistenze di calcolo a SLE:

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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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 Ø

Caratteristiche dell'acciaio:



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

Resistenze di calcolo a SLU:

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

Resistenze di calcolo a SLE:

Tensione massima di trazione	$\sigma_s < 0.80 f_{yk}$	$= 360.00 \text{ N/mm}^2$
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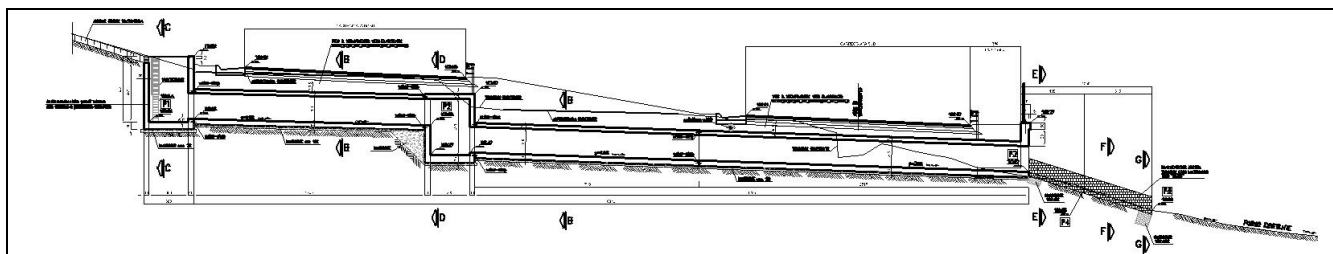
		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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5 DESCRIZIONE DELLA STRUTTURA E DEL LUOGO

L'opera in progetto consiste nell'adeguamento di un esistente tombino idraulico scatolare 200x200cm dell'autostrada A3 Salerno-Reggio Calabria: negli elaborati grafici il prolungamento (a valle) viene indicato con la progressiva dell'asse Rampa C in progetto (km 2+826.55).

Lo stato di fatto si compone delle seguenti opere:



- a) Un manufatto d'imbocco in c.a. gettato in opera, in fregio alla carreggiata dell'Autostrada A3 direzione Salerno, in continuità ad un fosso di guardia esistente;
- b) Un tombino scatolare 200x200cm in c.a. gettato in opera che sottopassa la carreggiata dell'Autostrada A3 direzione Salerno;
- c) Un pozzetto di caduta in c.a. gettato in opera, ubicato sotto il ciglio della carreggiata dell'Autostrada esistente A3 direzione Salerno;
- d) Un tombino scatolare 200x200cm in c.a. gettato in opera che garantisce la continuità idraulica tra il pozzetto di caduta e il fosso esistente allo sbocco (rivestito con materassi tipo "Reno"), che sottopassa la carreggiata dell'Autostrada A3 direzione Reggio Calabria;
- e) Un muro di sostegno in c.a. gettato in opera ai lati dello sbocco del tombino per il sostegno del rilevato dell'Autostrada A3 direzione Reggio Calabria; il rilevato sopra lo scatolare viene sostenuto da un'elevazione solidarizzata in fase di getto alla soletta dello scatolare stesso.



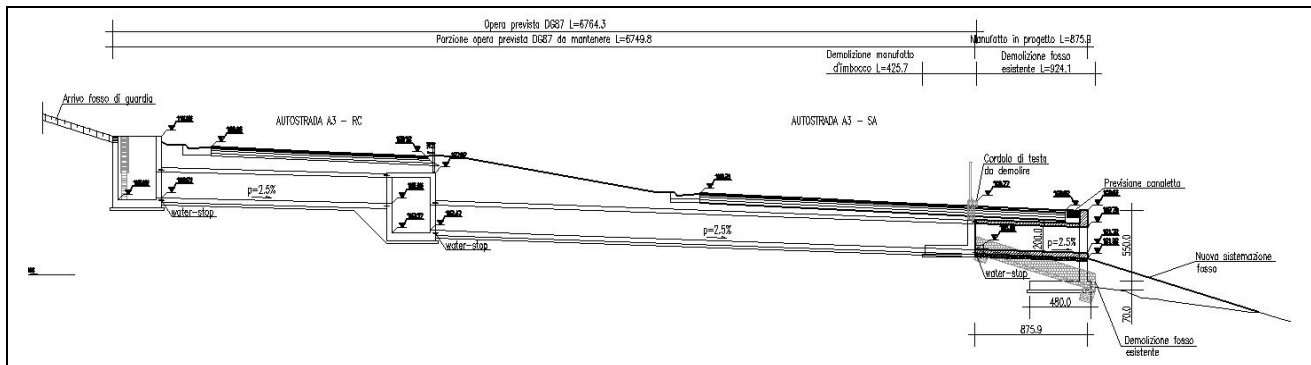
Profilo - Stato di fatto

A seguito delle nuove opere previste nel Progetto Definitivo del Ponte sullo Stretto di Messina sarà necessario adeguare lo stato di fatto, prolungando l'opera a valle.

Il nuovo tratto di tombino, necessario per garantire la continuità idraulica a seguito della realizzazione dell'allargamento della carreggiata esistente in direzione Reggio Calabria, è stato progettato per risultare il più possibile omogeneo con l'esistente: in particolare è stata mantenuta

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sia la tipologia (elemento scatolare di dimensioni interne 200×200cm gettati in opera in c.a.) che la pendenza longitudinale dell'esistente (circa 2.5%).



Profilo - Nuove opere in progetto

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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5.1 CARATTERISTICHE GEOMETRICHE E UBICAZIONE DELLA STRUTTURA

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

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

- Demolizione della parte di sbocco del tombino esistente (*d*), del fosso rivestito e del muro di sostegno (*e*);
- Realizzazione del prolungamento del tombino scatolare per coprire la distanza tra la fine dell'esistente e la posizione del nuovo muro di sostegno: il tombino viene realizzato in c.a. gettato in opera con dimensioni interne nette 200×200cm, pendenza longitudinale del 2.5% (pari a quella dell'esistente) e sviluppo totale pari a circa 8.75m;
- Realizzazione di un muro in c.a. gettato in opera per il sostegno del rilevato della nuova carreggiata direzione Reggio Calabria (ai lati del tombino scatolare): la sezione trasversale del muro si compone di un'elevazione di dimensioni 550×60cm e di una ciabatta di fondazione di dimensioni 480×70cm; lo sviluppo totale in pianta è pari a 8.00m + 8.00m. Il rilevato gravante sul tombino verrà sostenuto allo sbocco da un cordolo direttamente connesso alla soletta del tombino stesso (solidarizzato in fase di getto).

Per procedere all'esecuzione delle opere descritte non sarà necessario realizzare nessuna opera provvisoria, ma si sfrutterà la presenza dell'esistente muro di sostegno.

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5.2 CARATTERIZZAZIONE GEOTECNICA

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

Descrizione delle litologie prevalenti

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

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

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

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

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

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



La falda non risulta interferente con le opere.

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

Indagini previste

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

Le prove localmente utilizzate nella caratterizzazione sono:

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Depositi di versante

Si considerano i sondaggi della caratterizzazione generale.

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

Depositi terrazzati marini

Si considerano i sondaggi della tratta relativa alla Rampa A_acc.

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

Plutoniti

Si considerano i sondaggi della caratterizzazione generale.

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

Depositi di versante

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

Con riferimento al fuso medio si ha:



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

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

Per lo stato iniziale dalle elaborazioni risulta che:

- **Dr**: la densità relativa media della sola componente sabbiosa è del 40-70%. I valori di N_{spt} sono stati corretti con un fattore $C_{sg}=0.95$.
- γ_d : si può stimare un valore medio di γ_d pari a circa 19 -21 KN/m³

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

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

$c_p' = 0$ kPa = coesione apparente

$\varphi_p' = 36 \div 38^\circ$ =angolo di resistenza al taglio

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

$c_r' = 0$ kPa = coesione apparente

$\varphi_r' = 33^\circ - 35^\circ$ =angolo di resistenza al taglio

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

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

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

Per G ed E_0 una stima è data quindi da:

$$G_0 = 20 \cdot (z)^{0.85}$$

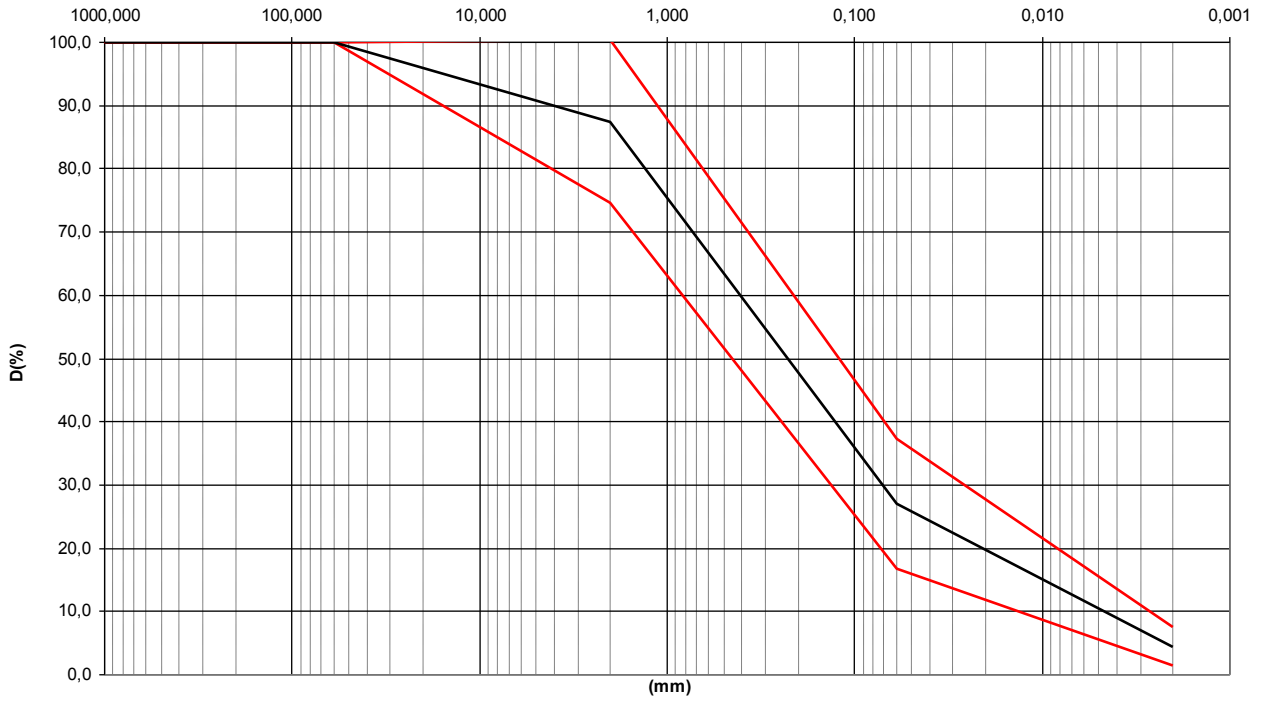
$$E_0 = 48 \cdot (z)^{0.85}$$

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

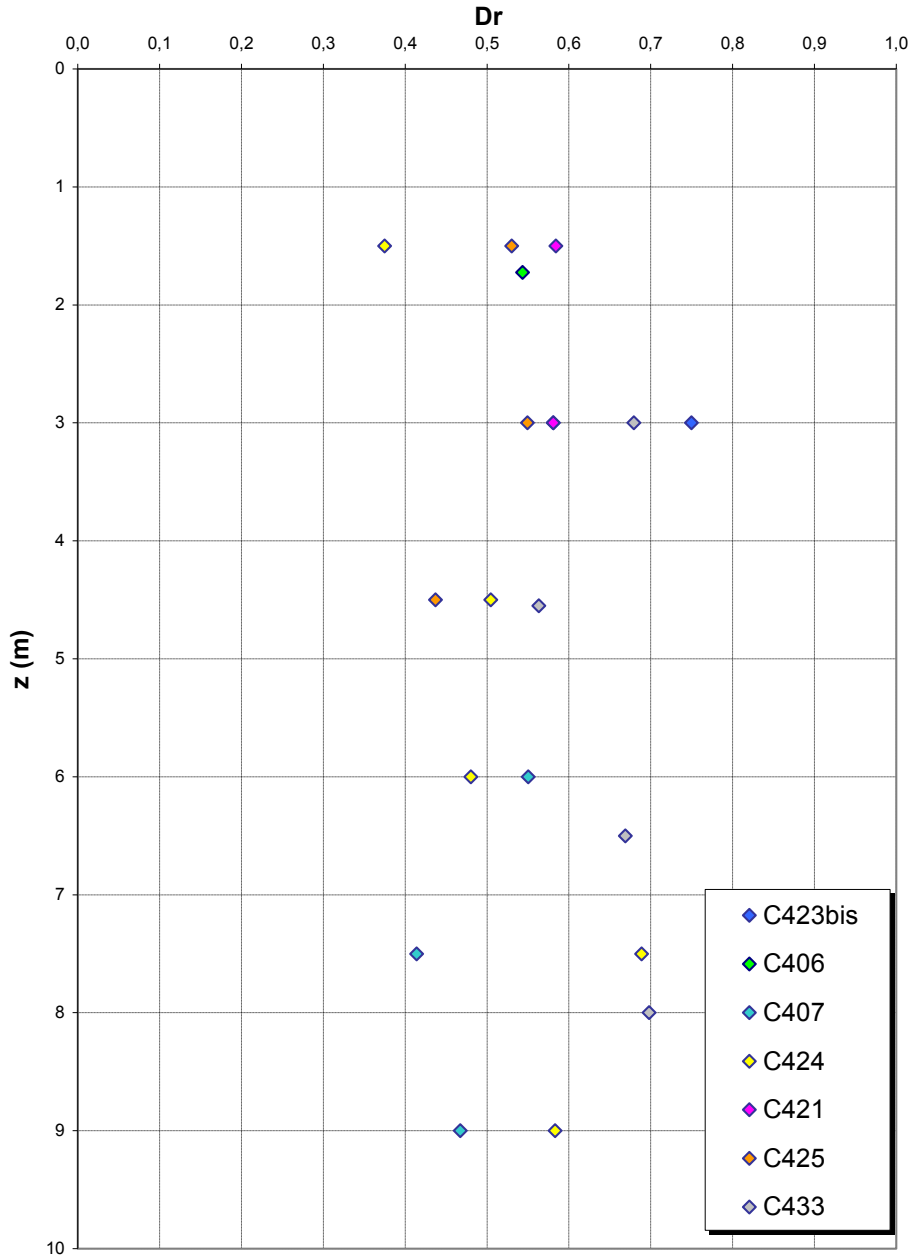
$$E = (6 \div 16) \cdot (z)^{0.85}$$

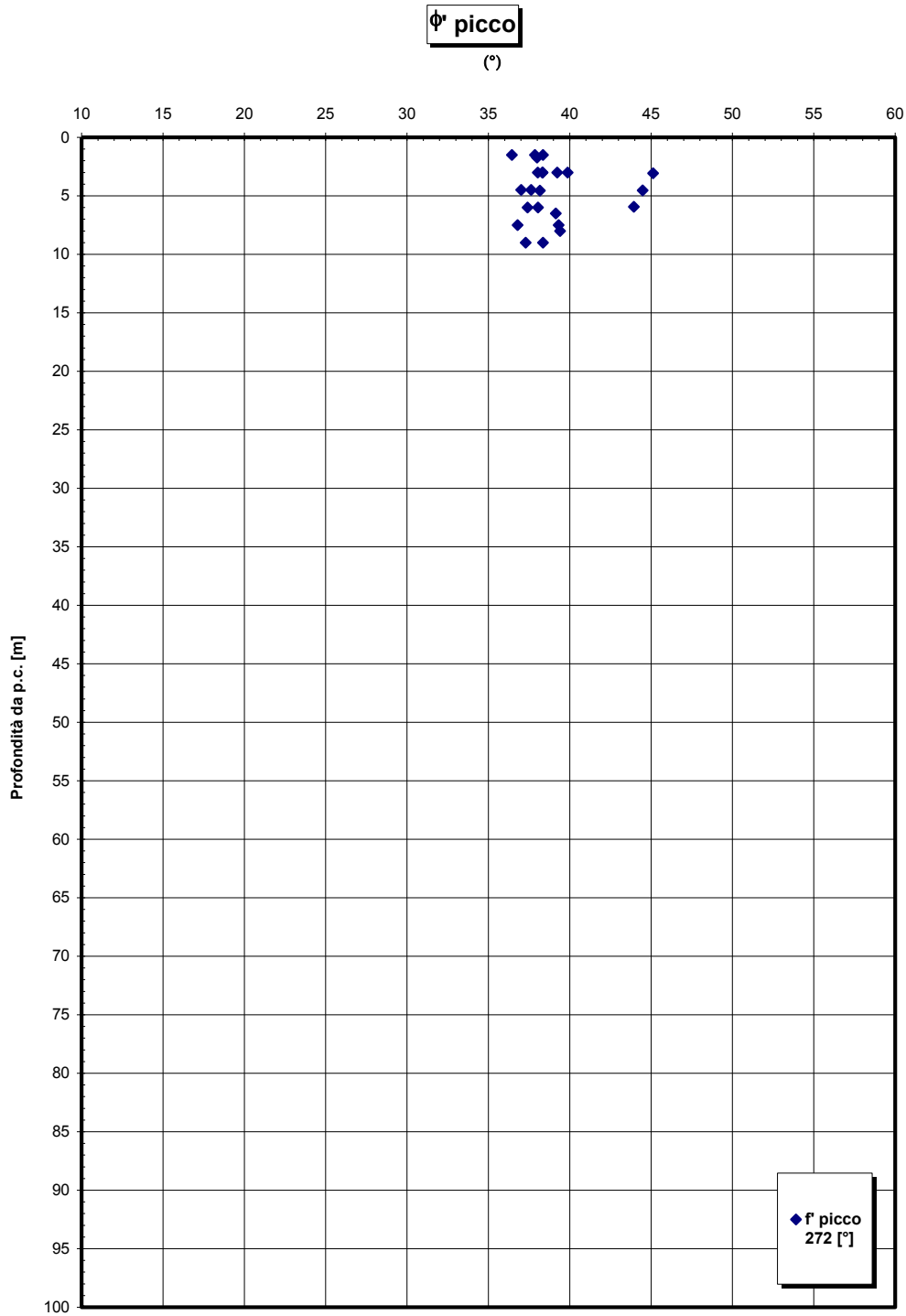
pari rispettivamente a circa 1/5 ÷ 1/10 (medie e grandi deformazioni) ed 1/3 (piccole deformazioni) di quelli iniziali .

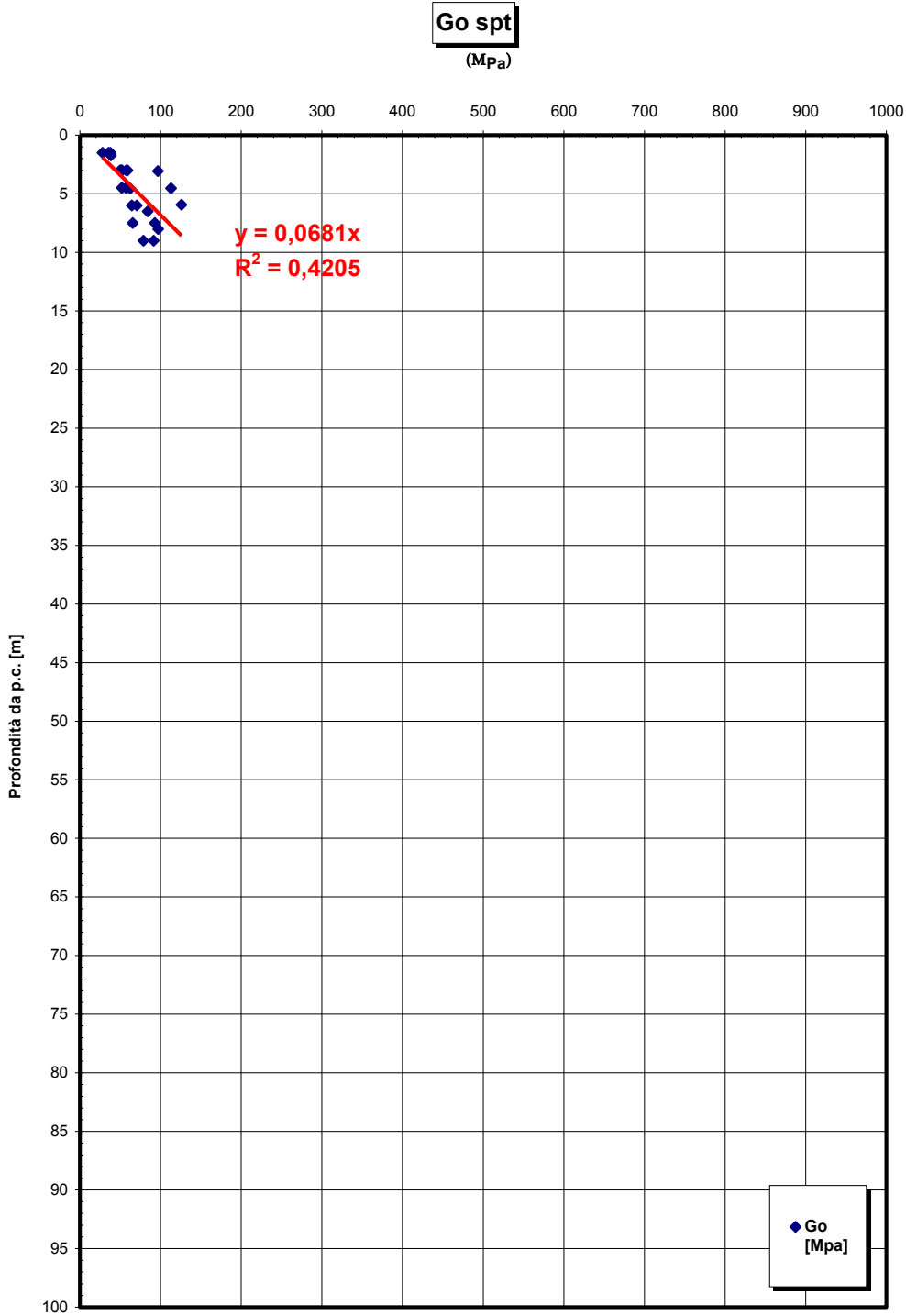
Depositi di versante



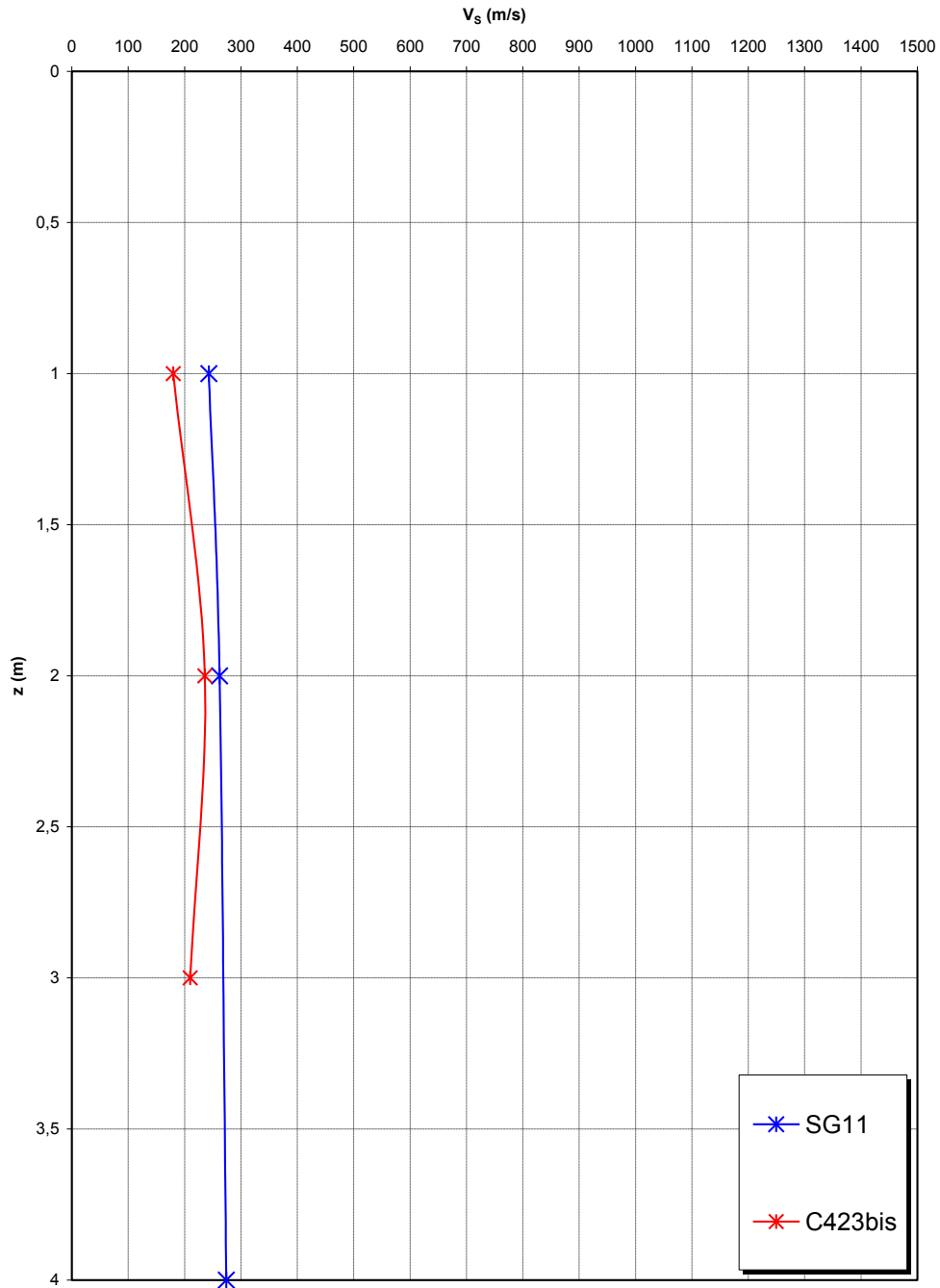
Dr Skempton (1986)
Componente sabbiosa prevalente
DEPOSITI DI VERSANTE

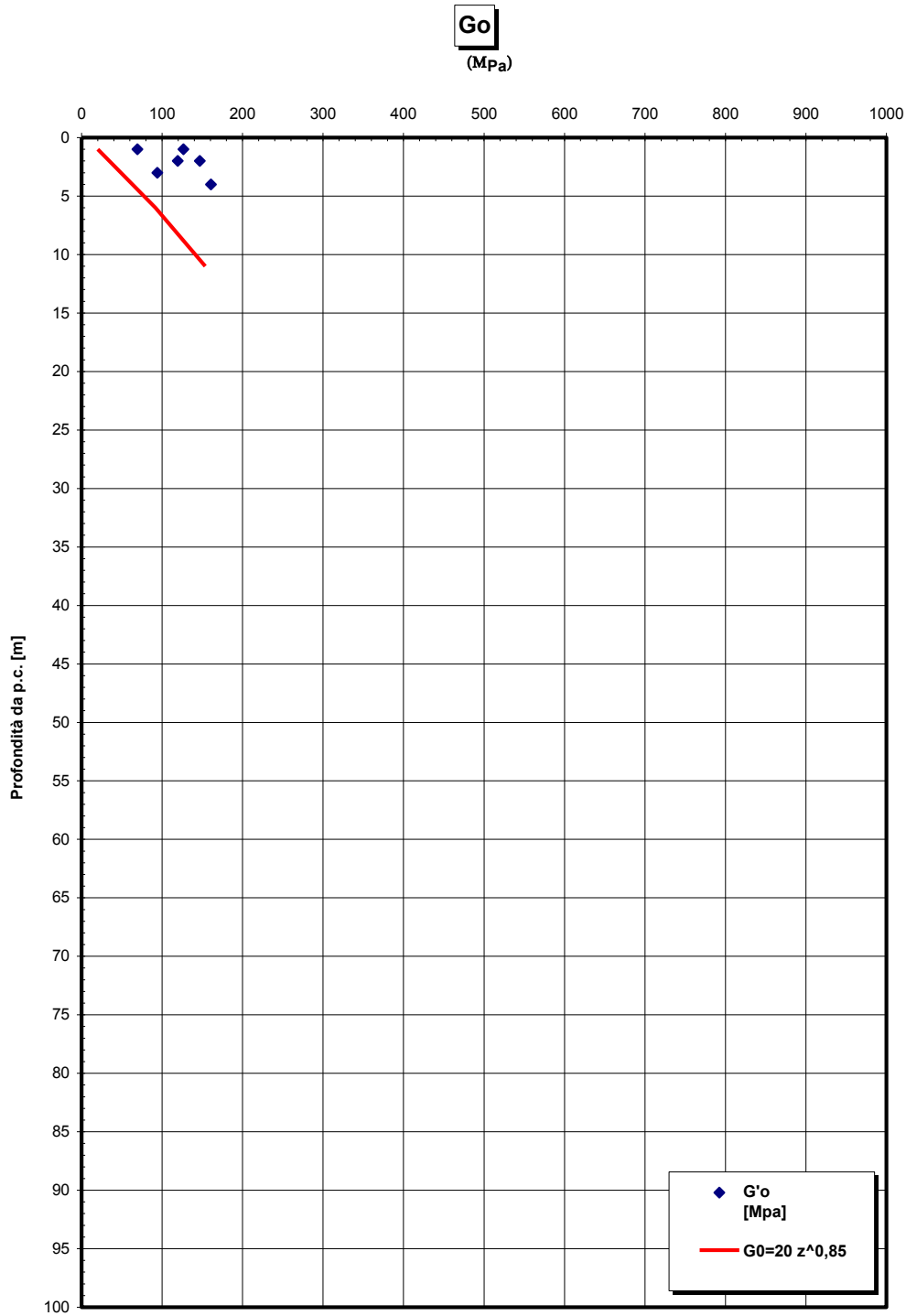




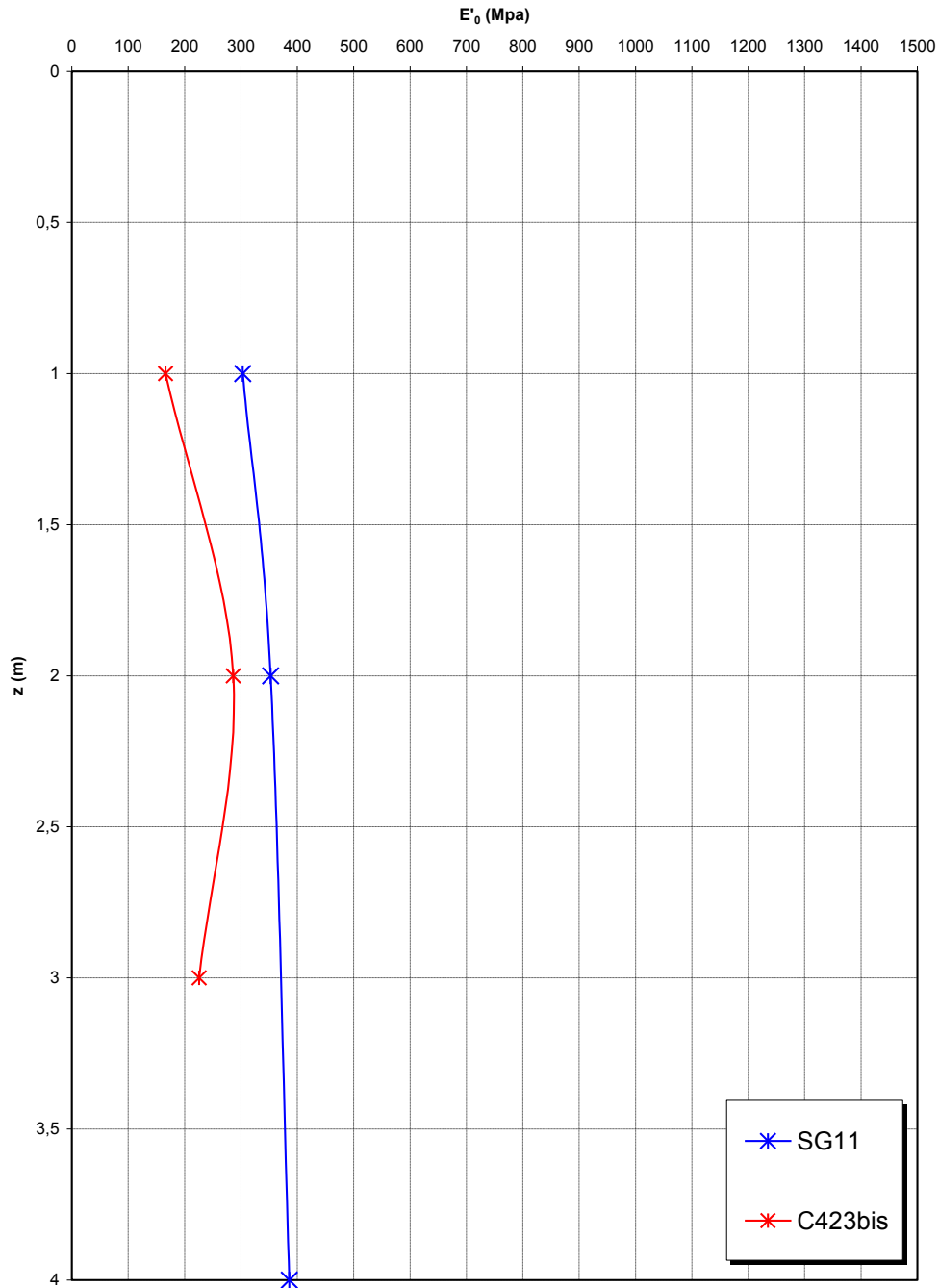




**Prove sismiche
DEPOSITI DI VERSANTE**





**Prove sismiche
DEPOSITI DI VERSANTE**



		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><i>Rev</i></td> <td style="width: 50%;"><i>Data</i></td> </tr> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
<i>Rev</i>	<i>Data</i>						
F0	20/06/2011						

Depositi terrazzati marini

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

Con riferimento al fuso medio si ha:

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

Il peso di volume dei grani γ_s è risultato pari a circa 26.5 kN/m³.

Da letteratura si hanno a disposizione i valori di γ_{dmax} e γ_{dmin} pari rispettivamente a 18.8 e 15.7 kN/m³

Per lo stato iniziale si ha:

- **Dr:** i valori di N_{spt} sono stati corretti con il fattore correttivo $C_{sg}=0.85$ corrispondente al $d_{50}=0.5mm$.
- **e_o :** a partire dal d_{50} stimato si ottiene di $e_{max}-e_{min}$ pari a 0.35. Stimando per e_{max} un valore pari a 0.7 a partire dai valori di Dr è stato possibile determinare i valori di e_o in sito.
- **γ_d :** in base ai valori di e_o da γ_s si può stimare γ , riportato nel grafico.
- **K_0 :** si considera la relazione di Jaky.



Dr(%) Prevalente sabbiosa	Dr(%) Sabbie e ghiaie	$\gamma_d(KN/m^3)$	K_0
50-80	-	17-20	0.35-0.4

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

z(m)	ϕ'_p (pff=0-272KPa) (°)	ϕ'_p (pff=-272-350KPa) (°)	ϕ'_{cv} (°)
0-10	38-41	35-38	33-35

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

$c' = 0$ kPa = coesione apparente

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$\varphi' = 38^\circ \div 40^\circ$ =angolo di resistenza al taglio

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

$c_r' = 0$ kPa = coesione apparente

$\varphi_r' = 33^\circ - 35^\circ$ =angolo di resistenza al taglio

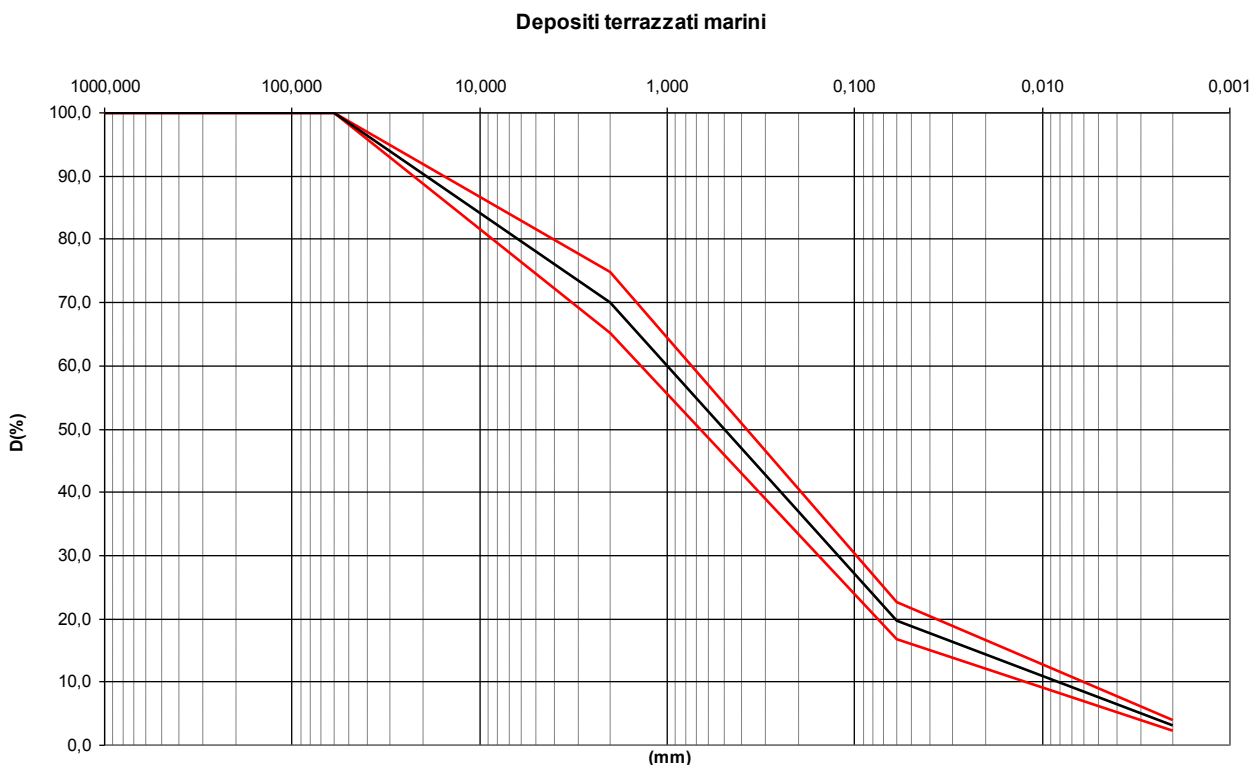
Dalle prove di laboratorio su campioni rimaneggiati si ottiene per l'angolo di attrito un valore di $30^\circ - 35^\circ$.

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

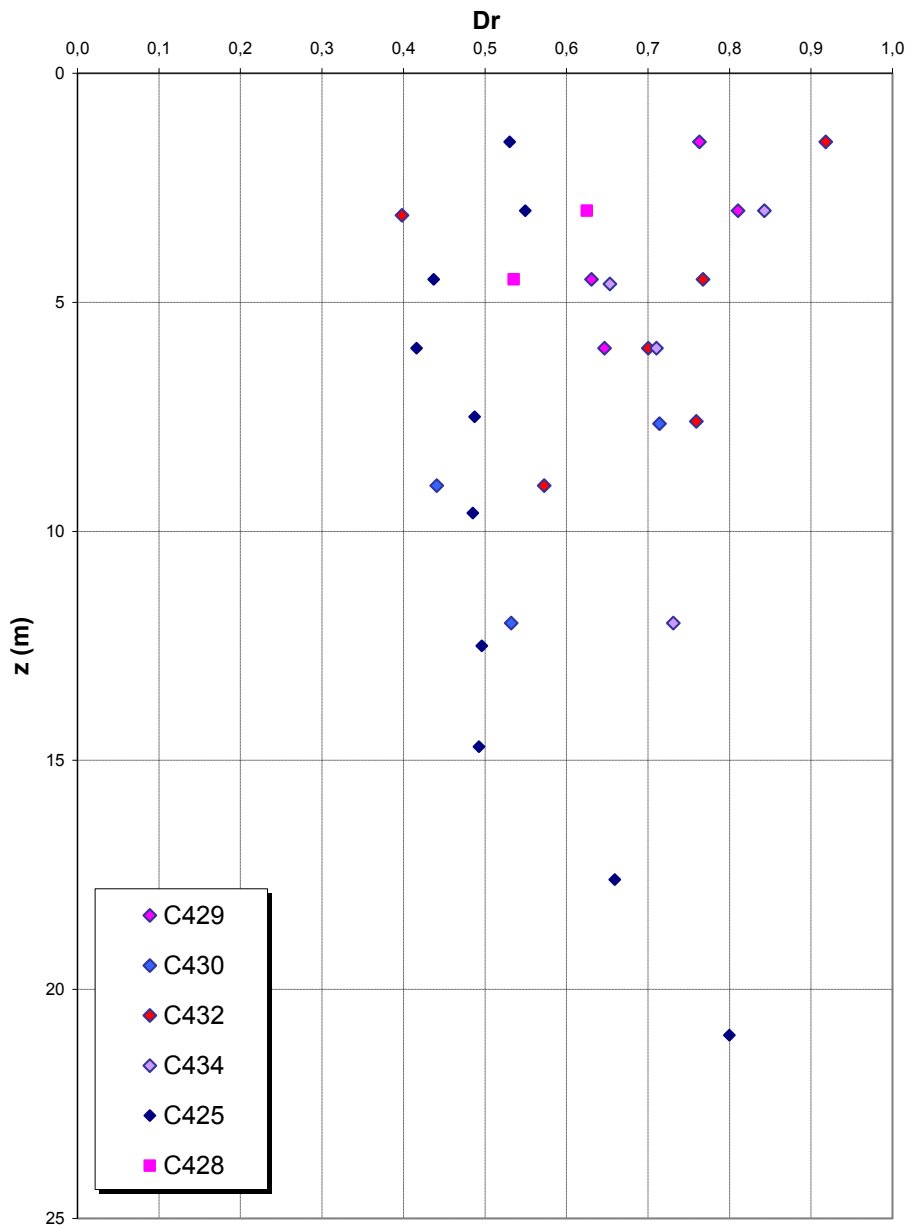
z(m)	G0(MPa)	E0(MPa)	E'(MPa)
0-10	100-250	240-600	32-80 / 80-200

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

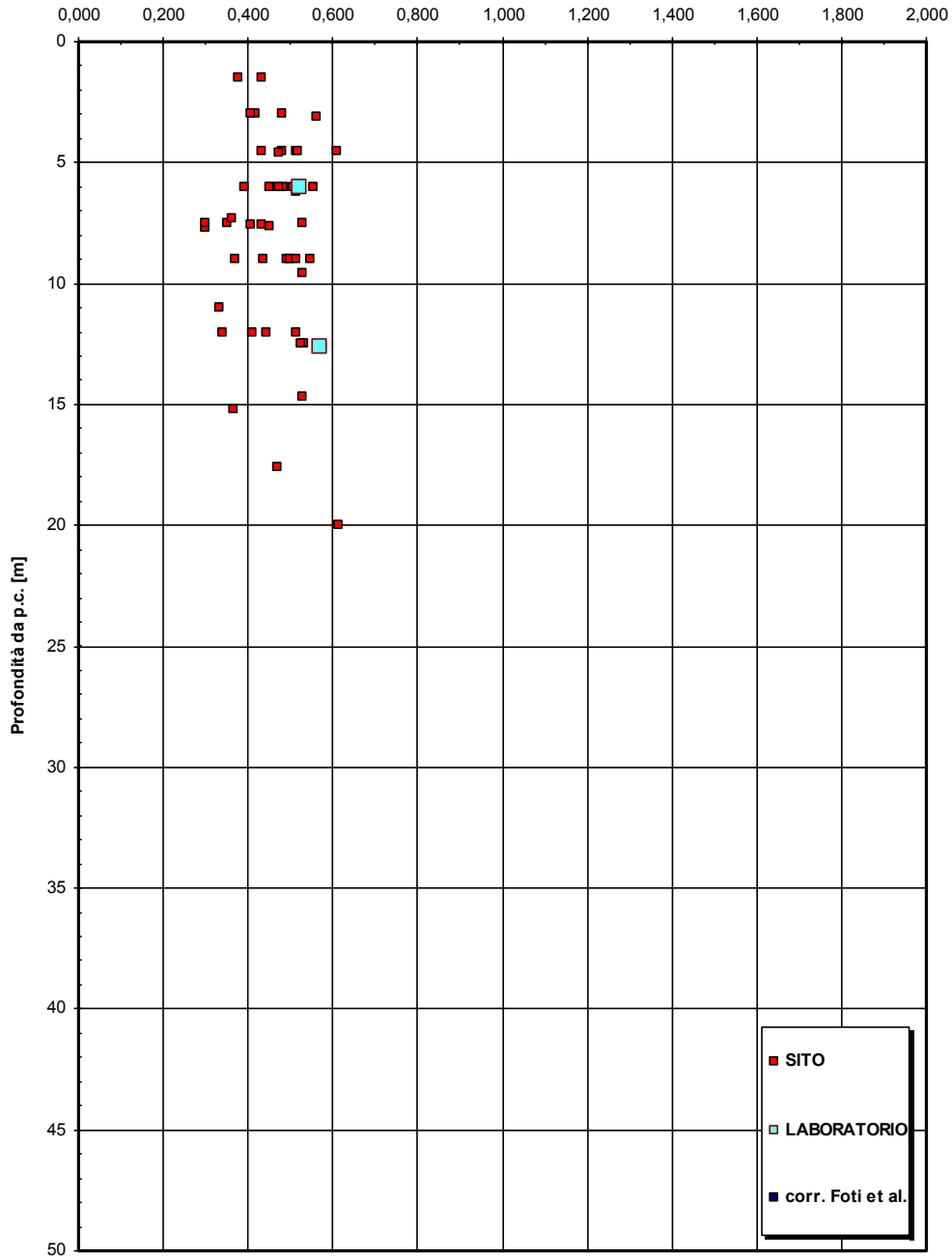
La prova pressiométrica (SN8) ha fornito un valore (primo carico) di E' di 120MPa a circa 18m di profondità.



Dr Skempton (1986)
Componente sabbiosa prevalente
DEPOSITI TERRAZZATI MARINI
- Rampa F -

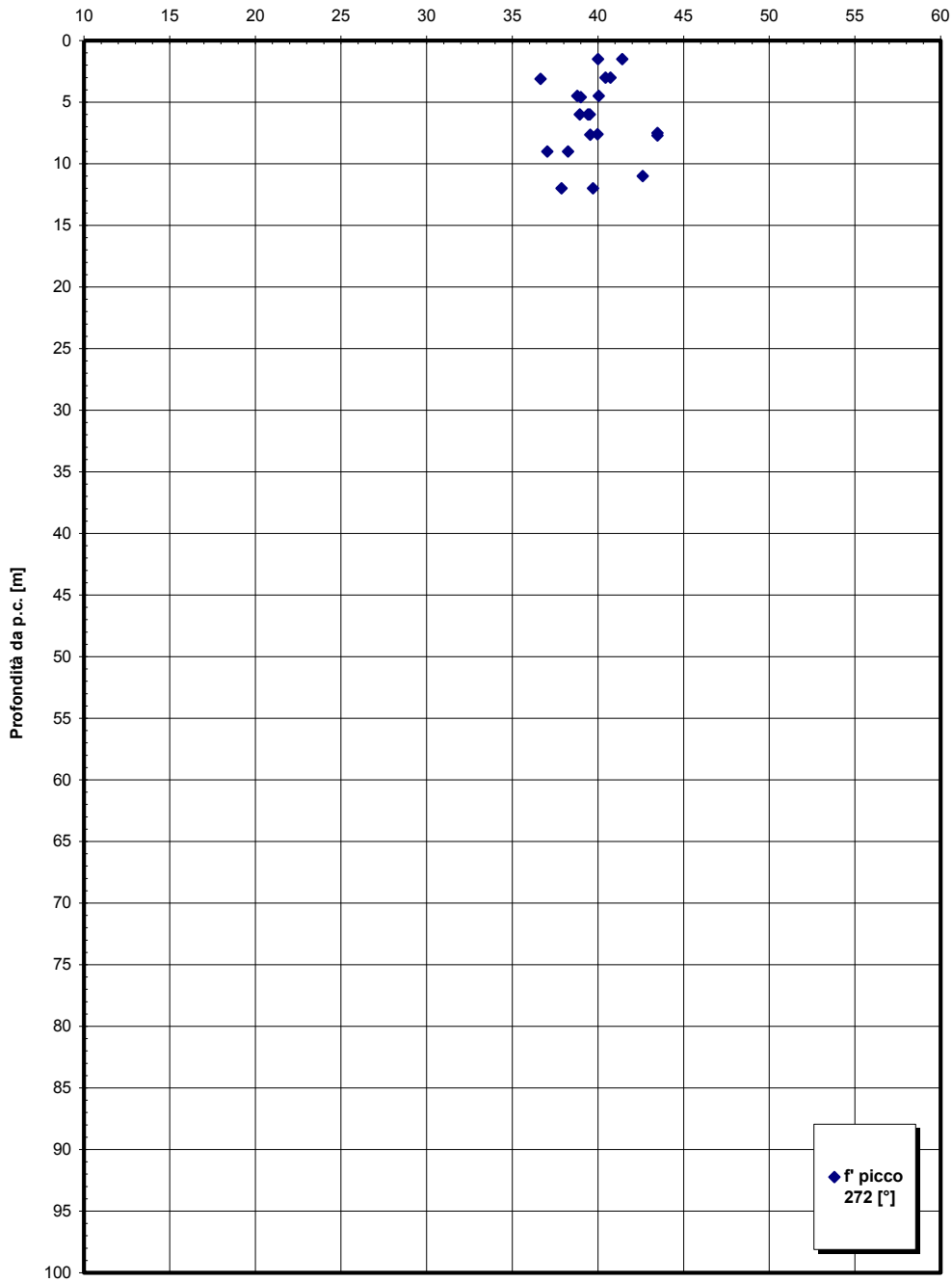


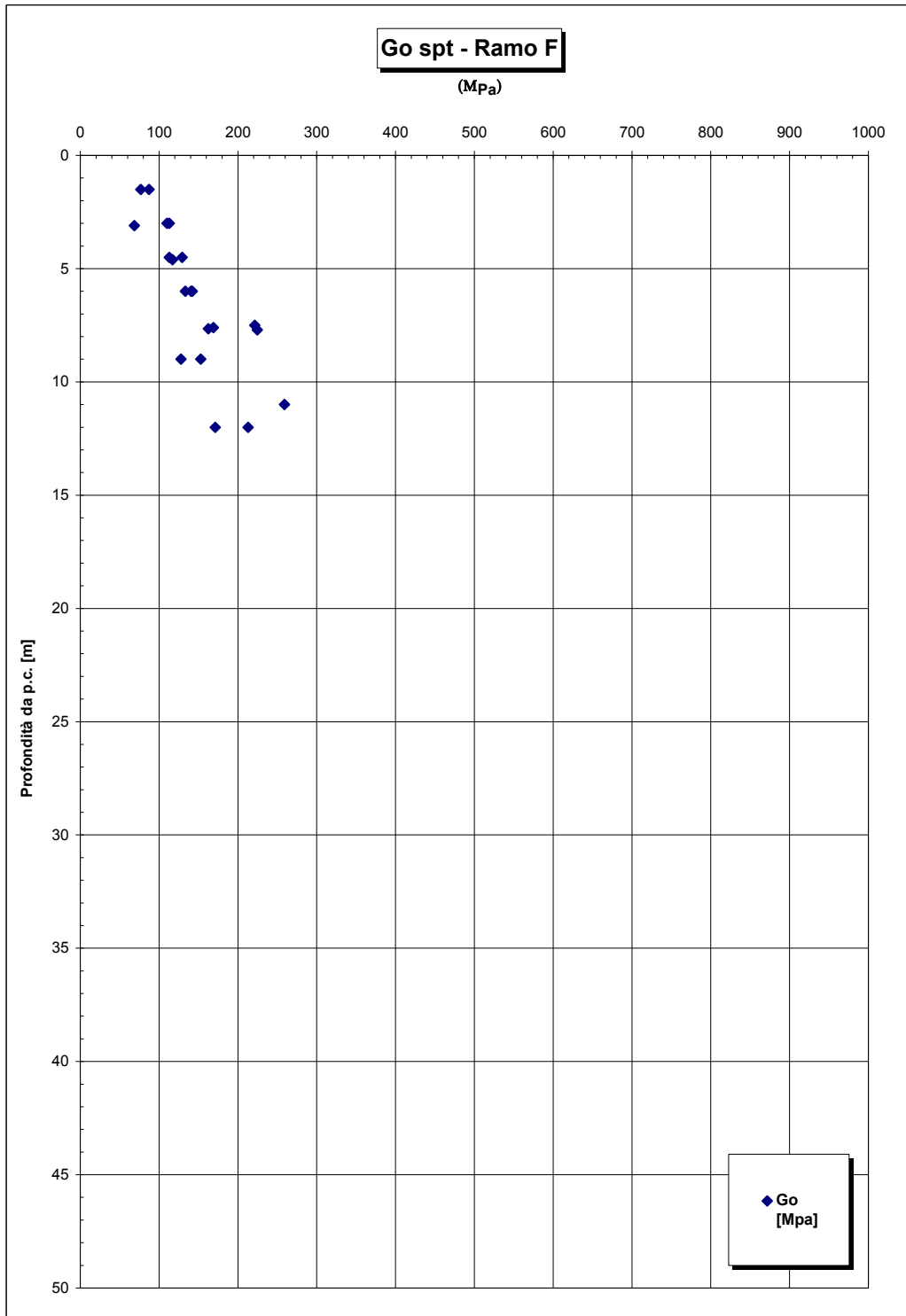
e⁰ - Ramo F



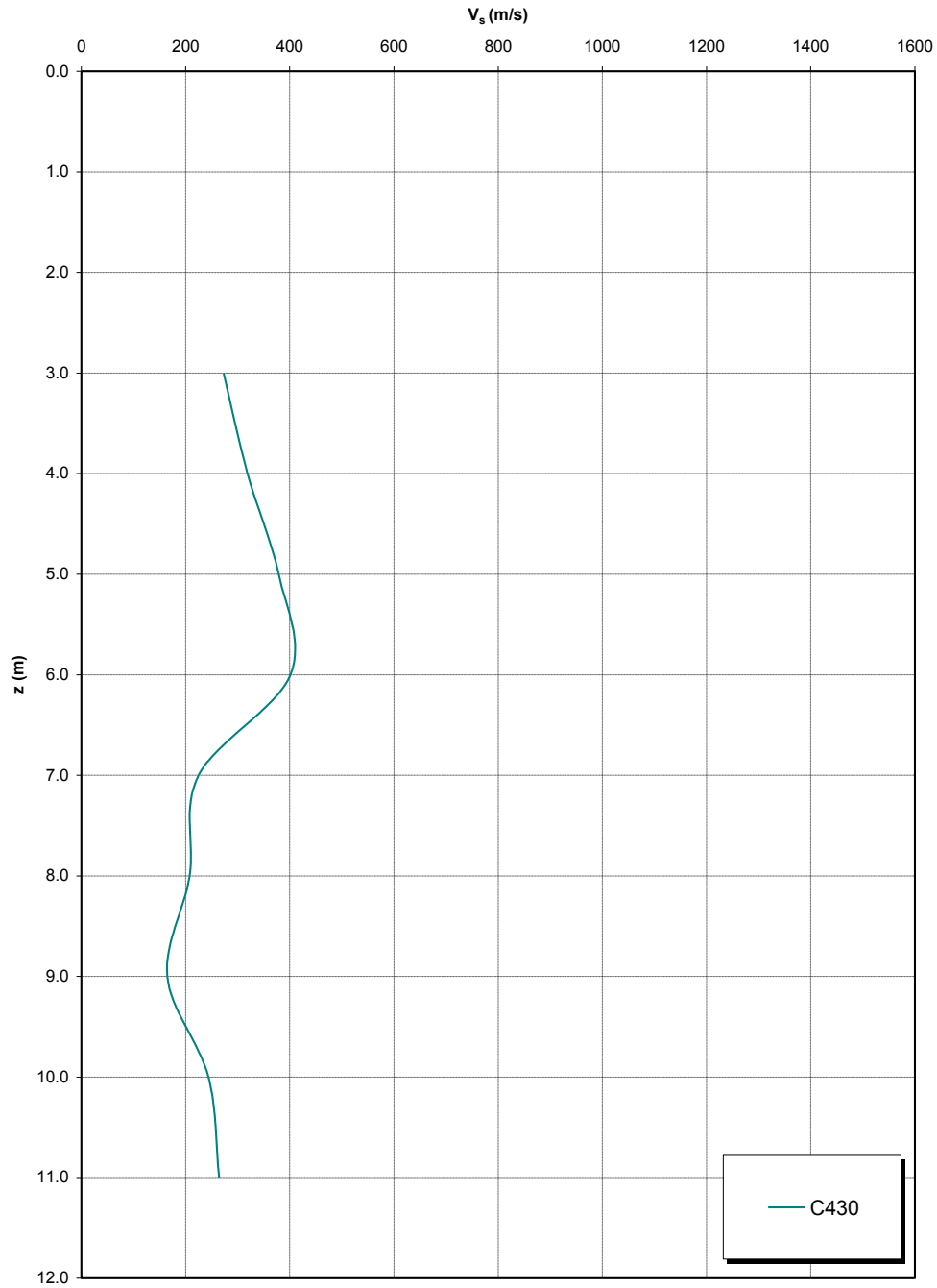
ϕ^r picco - Ramo F

(°)

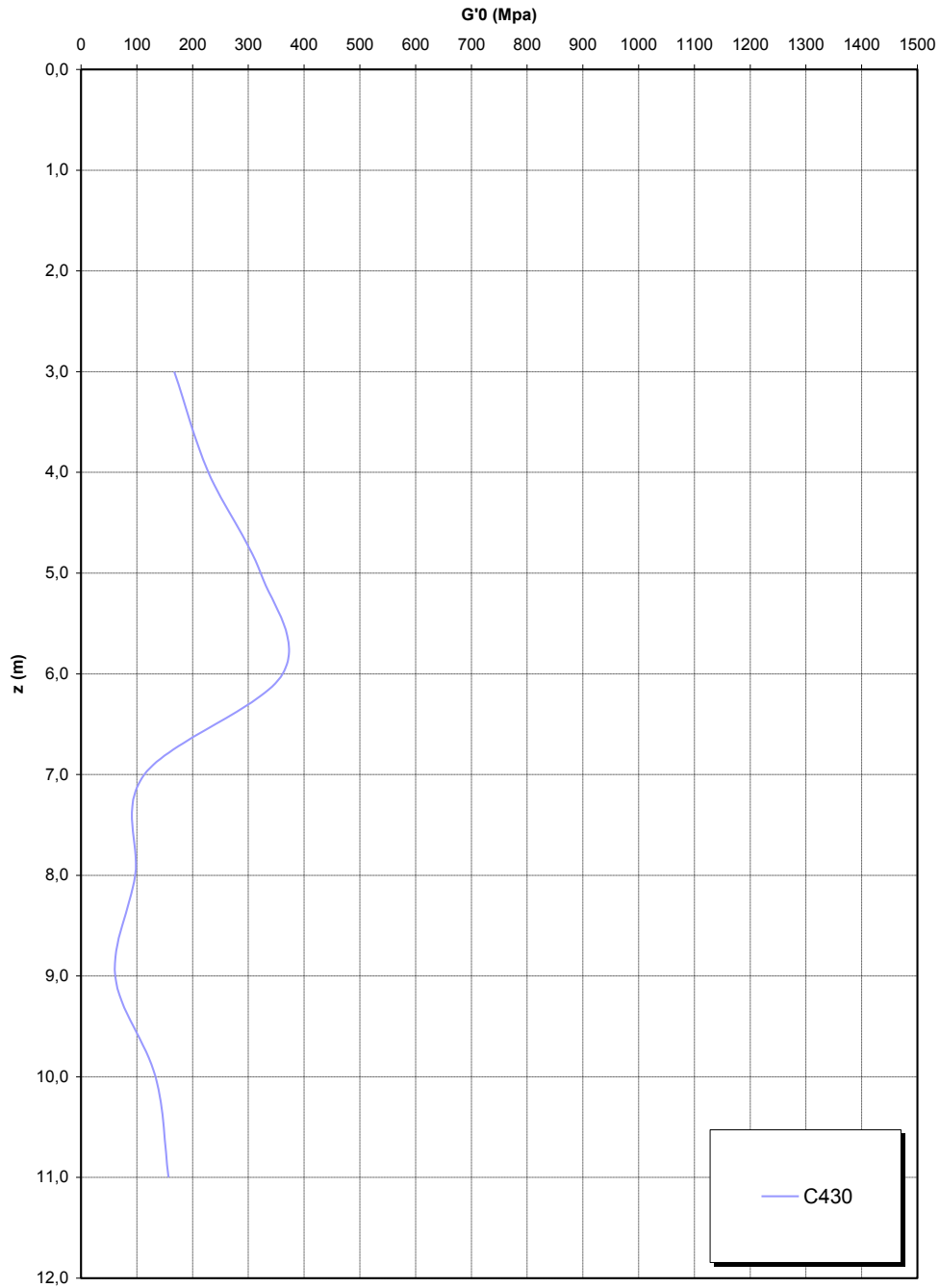





**Prove sismiche
DEPOSITI TERRAZZATI MARINI
- Rampa F -**



**Prove sismiche
DEPOSITI TERRAZZATI MARINI
- Rampa F -**



		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Plutoniti

Per le caratteristiche fisiche dalle prove di laboratorio emerge un peso di volume γ di volume totale pari a 21KN/m³.

Considerando il probabile disturbo dei campioni si assume un range pari a 21-23 KN/m³

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

L'interpretazione delle caratteristiche dell'ammasso parte dalla stima del parametro RMR₈₉ che è stato valutato sulla base di 15 rilievi geostrutturali effettuati sugli affioramenti.

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



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

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

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

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

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

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

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

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

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

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



Per le caratteristiche di deformabilità considerando la relazione di [Serafim & Pereira, 1983](#) si ottiene:

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

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

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

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

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

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

Si ritiene quindi ragionevole assumere tale range di valori operativi:

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

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

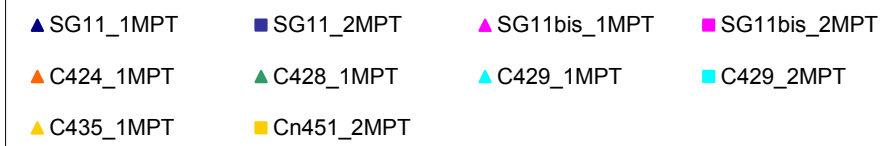
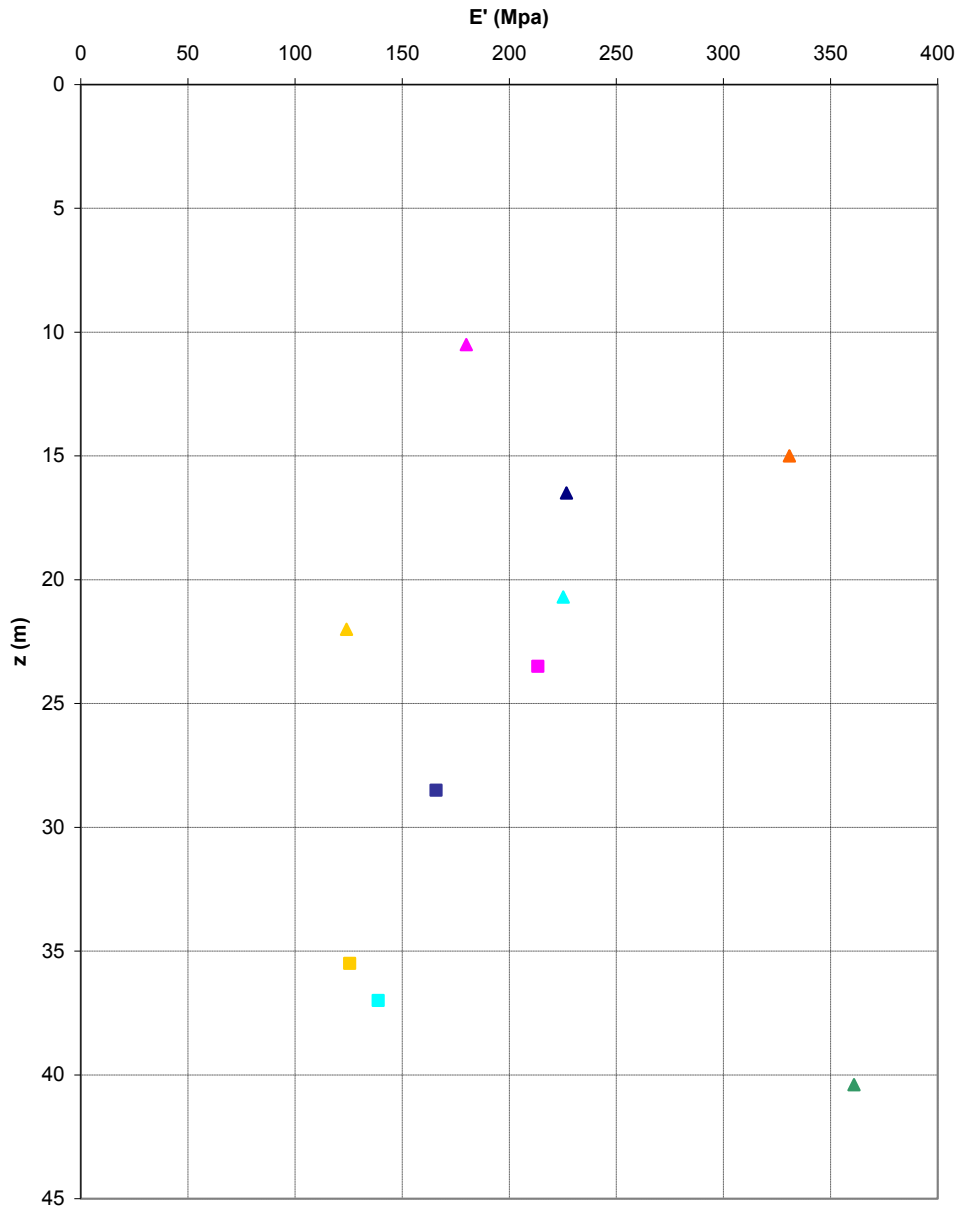
$E'=1000 \div 1500$ Mpa per profondità maggiori

Riepilogo caratteristiche fisiche plutoniti

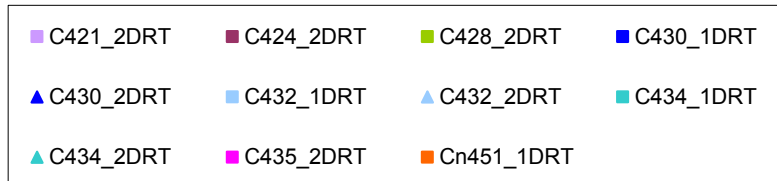
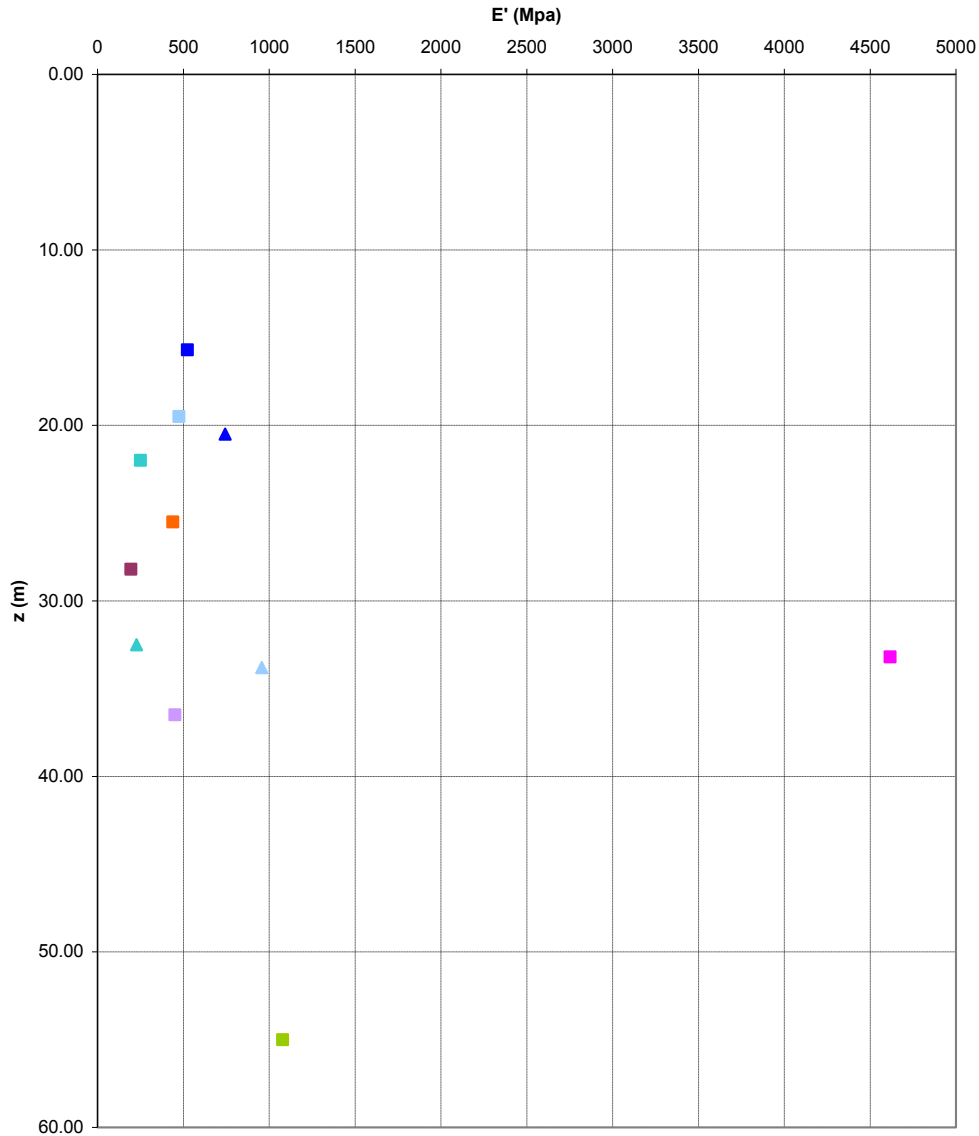
SONDAGGIO	N° PROVINO	OPERA	z (m)	γ (kN/m ³)	γ_d (kN/m ³)	γ_s (kN/m ³)
SG11bis	C1	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	4.1	19.91	18.0	25.80
SG11bis	C2	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	8.4	18.85	15.2	25.90
SG11bis	C3	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G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

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

**Prove pressiometriche
PLUTONITI**

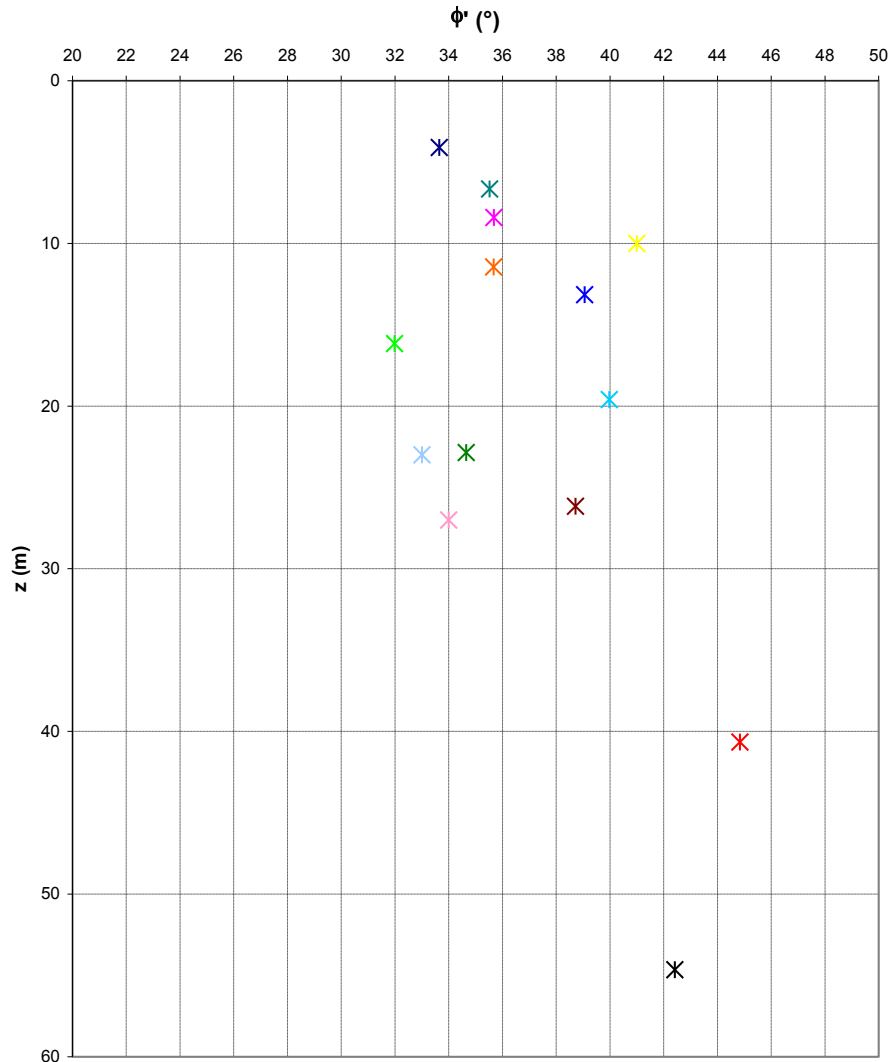


**Prove dilatometriche
PLUTONITI**



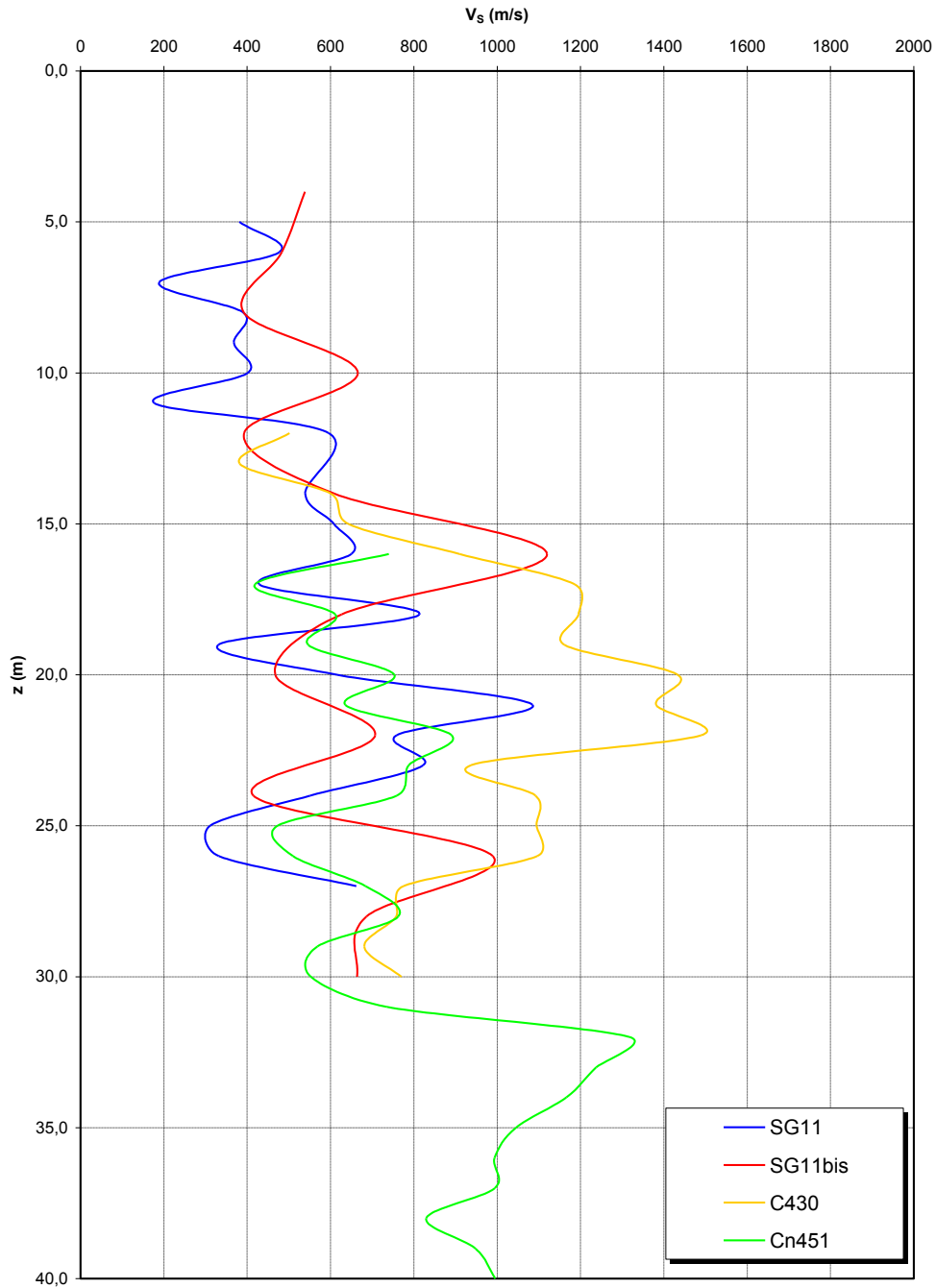
SONDAGGIO	N° PROVINO	z (m)	Opera	PROVA	c' [kPa]	φ' [°]
SG11	C1/riman	10.0	Rampa C 1+200-3+300	TD	16.3	41
SG11	C2/ind	23.0	Rampa C 1+200-3+300	TD	11.6	33
SG11	C3/ind	27.0	Rampa C 1+200-3+300	TD	18.3	34
SG11bis	C1	4.1	Rampa A 2+100-2+370 / Rampa C 1+200-3+300 / Rampa G	TD	21	34
SG11bis	C2	8.4	Rampa A 2+100-2+370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

**Angolo di attrito
PLUTONITI**

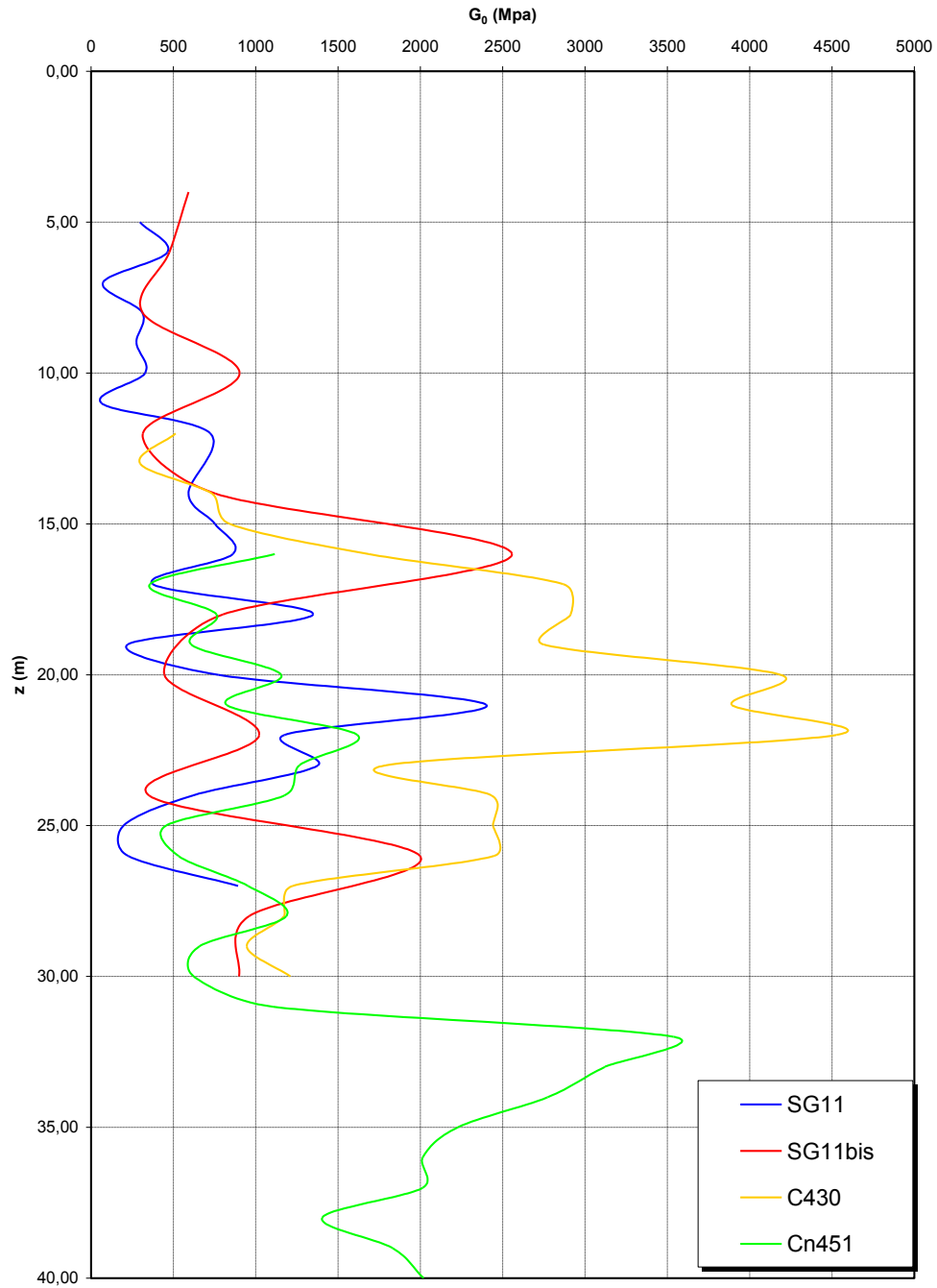


- ✕ SG11bis_C1_TD ✕ SG11bis_C2_TD ✕ SG11bis_C3_TD ✕ SG11bis_C4_TD
- ✕ SG11bis_C5_TD ✕ SG11bis_C6_TD ✕ SG13bis_C1_TD ✕ SG13bis_C2_TD
- ✕ SG13bis_C3_TD ✕ SG13bis_C4_TD ✕ SG13bis_C6_TD ✕ SG11_C1_TD
- ✕ SG11_C2_TD ✕ SG11_C3_TD

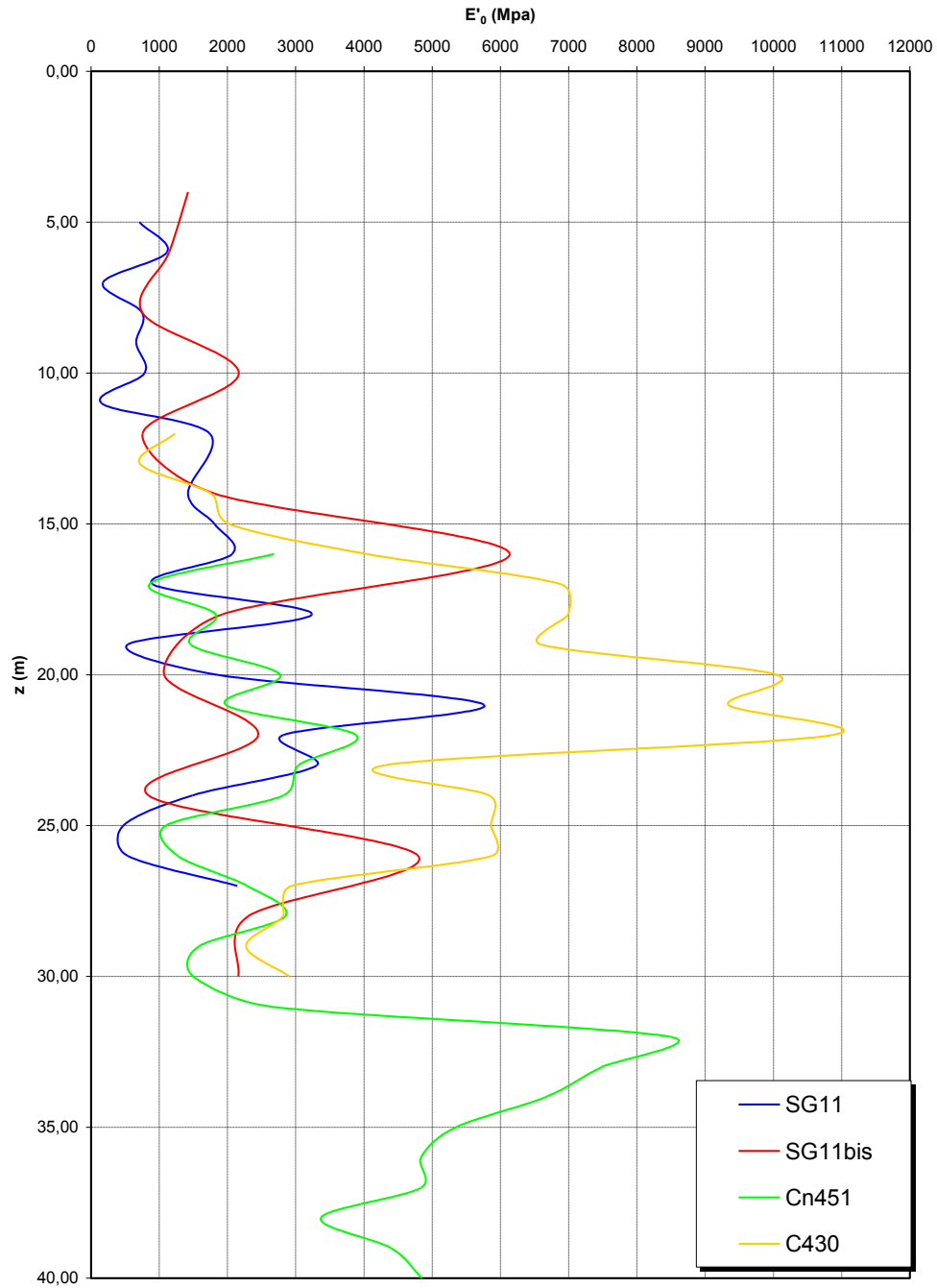
**Prove sismiche
PLUTONITI**

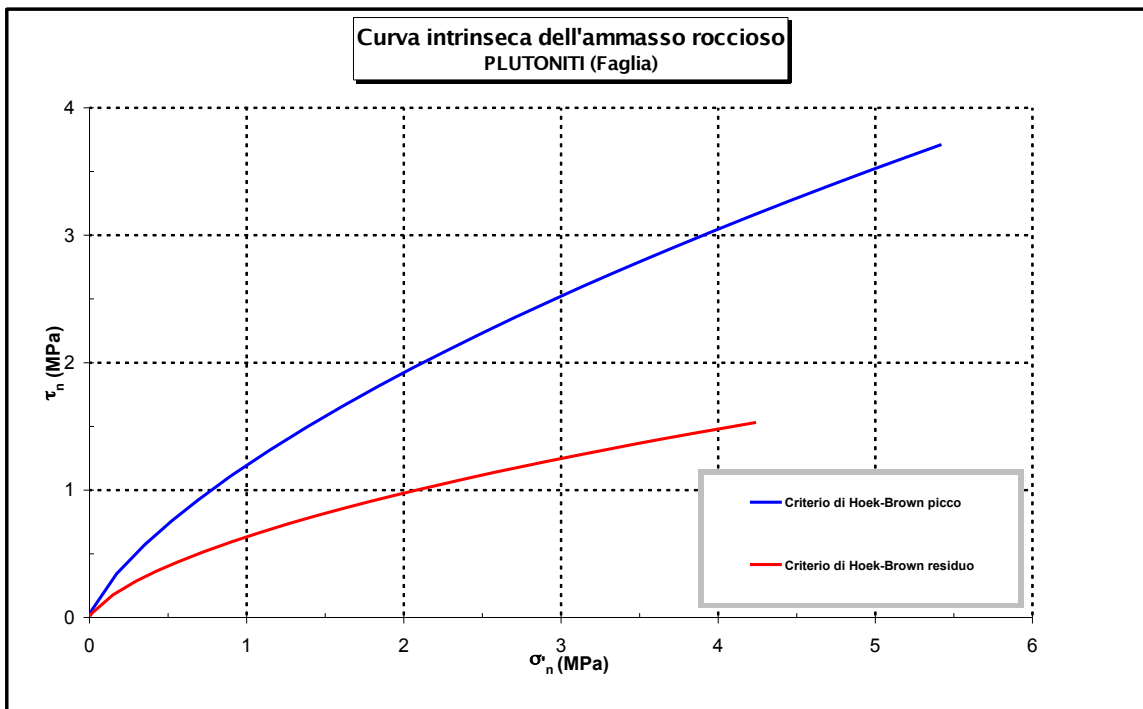
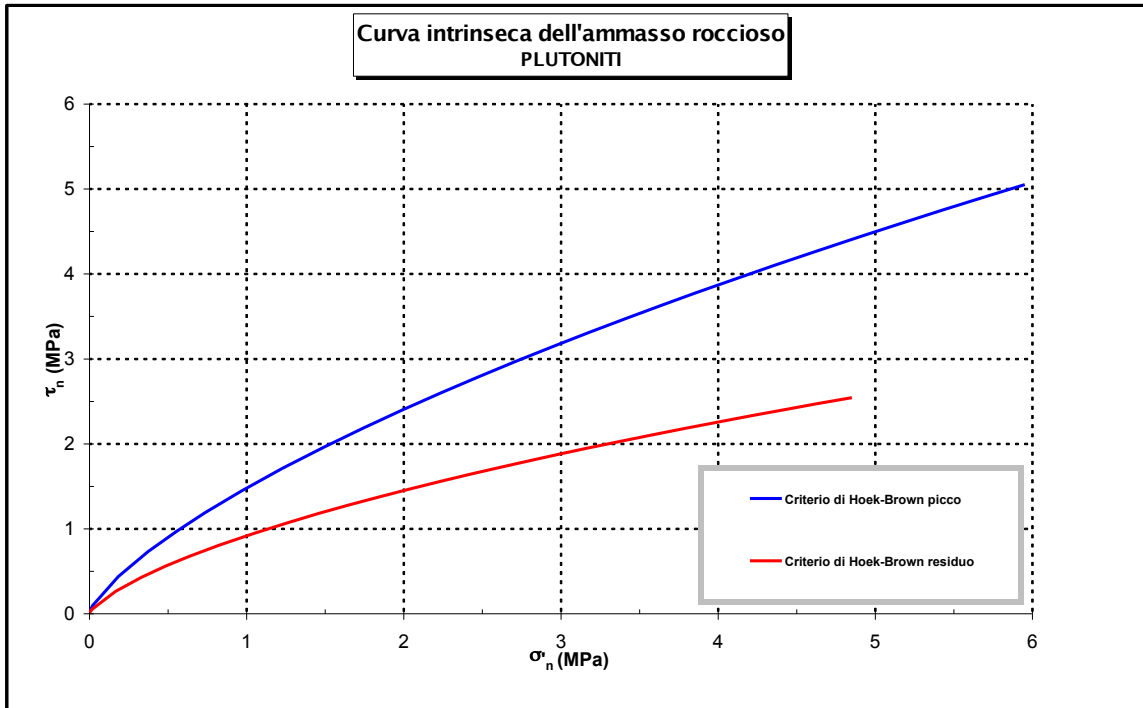



**Prove sismiche
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**Prove sismiche
PLUTONITI**





		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

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

- peso specifico = 20 kN/m³;
- 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 ($w_{opt} - 2,0\% < w < w_{opt} + 2,0\%$, con w_{opt} 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/m³;
- 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 rigidità 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/m³] 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.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

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 (sovracconsolidati).

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:

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

dove μ è il rapporto di Poisson.

L'integrazione è estesa alla cosiddetta "zona attiva" di profondità H_c .

In pratica, è stato suddiviso il terreno al di sotto della fondazione in strati di spessore Δz_i , 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:

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

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; Tsytoovich, 1976). Si veda: Poulos&Davis, 1974, *Elastic Solutions for Soil and Rock Mechanics*; Lancellotta, 1993, *Geotecnica*).

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
		ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0

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):

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

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



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

Dimensioni della fondazione e spessore dello strato comprimibile

B [m]	L [m]	D_f [m]	σ'_{vo} [kPa]	q' [kPa]	$\Delta q'$ [kPa]	H_c [m]
2.60	5.00	2.00	42.00	68	26	13.00

Tensioni indotte

strato [-]	Δz [m]	z_i [m]	M [-]	N [-]	V [-]	V1 [-]	$I\sigma_{zi}$ [-]	$\Delta\sigma_{zi}$ [kPa]
a	0.50	2.25	5.200	10.000	128.040	2704	1.00	25.9
b	0.50	2.75	1.733	3.333	15.116	33.4	0.94	24.4
c	0.50	3.25	1.040	2.000	6.082	4.33	0.81	21.1
d	1.00	4.00	0.650	1.250	2.985	0.660	0.61	15.8
e	1.00	5.00	0.433	0.833	1.882	0.130	0.40	10.5
f	1.00	6.00	0.325	0.625	1.496	0.041	0.28	7.2
g	2.00	7.50	0.236	0.455	1.262	0.012	0.17	4.4
h	2.00	9.50	0.173	0.333	1.141	0.003	0.10	2.6
i	2.00	11.50	0.137	0.263	1.088	0.001	0.06	1.7
l	2.00	13.50	0.113	0.217	1.060	0.001	0.04	1.2
m	2.00	15.50	0.096	0.185	1.044	0.000	0.03	0.9
n	4.00	18.50	0.079	0.152	1.029	0.000	0.02	0.6
o	4.00	22.50	0.063	0.122	1.019	0.000	0.01	0.4
p	8.00	28.50	0.049	0.094	1.011	0.000	0.01	0.2
q	8.00	36.50	0.038	0.072	1.007	0.000	0.01	0.1


		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
		ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	Codice documento CS0573_F0.doc	Rev F0

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	2.25	47.3	25.9	40.0	0.38	0.20	NC	0.3	-	0.3	-
b	0.50	2.75	57.8	24.4	40.0	0.38	0.20	NC	0.3	-	0.3	-
c	0.50	3.25	68.3	21.1	40.0	0.38	0.20	NC	0.2	-	0.2	-
d	1.00	4.00	84.0	15.8	50.1	0.38	0.20	NC	0.3	-	0.3	-
e	1.00	5.00	105.0	10.5	58.6	0.38	0.20	NC	-	-	-	-
f	1.00	6.00	126.0	7.2	66.6	0.38	0.20	NC	-	-	-	-
g	2.00	7.50	157.5	4.4	77.9	0.38	0.20	NC	-	-	-	-
h	2.00	9.50	199.5	2.6	91.9	0.38	0.20	NC	-	-	-	-
i	2.00	11.50	241.5	1.7	105.0	0.38	0.20	NC	-	-	-	-
l	2.00	13.50	283.5	1.2	117.5	0.38	0.20	NC	-	-	-	-
m	2.00	15.50	325.5	0.9	129.4	0.38	0.20	NC	-	-	-	-
n	4.00	18.50	388.5	0.6	146.5	0.38	0.20	NC	-	-	-	-
o	4.00	22.50	448.0	0.4	168.0	0.38	0.20	NC	-	-	-	-
p	8.00	28.50	515.1	0.2	198.2	0.38	0.20	NC	-	-	-	-
q	8.00	36.50	604.7	0.1	235.7	0.38	0.20	NC	-	-	-	-

Fondazione flessibile	Cedimento immediato al centro della fondazione	1.0
	Cedimento totale al centro della fondazione	1.0
	Cedimento immediato allo spigolo della fondazione	0.3
	Cedimento totale allo spigolo della fondazione	0.3
Fondazione rigida	Cedimento immediato	0.8
	Cedimento totale	0.8



Coefficiente di reazione del sottofondo		K_s [MN/m ³]
Fondazione flessibile	Al centro della fondazione	66.4
	Allo spigolo della fondazione	265.7
Fondazione rigida		88.6

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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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
- H_c = 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_{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 80000 kN/m³.

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5.3 CARATTERIZZAZIONE DELLA SISMICITÀ

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

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

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

5.3.1 PERIODO DI RIFERIMENTO PER L'AZIONE SISMICA


L'accelerazione orizzontale massima attesa al sito dipende dal periodo di riferimento considerato per la definizione dell'azione sismica.

In base alle indicazioni riportate nel paragrafo 2.4 del D.M. 14/01/2008 si scelgono i seguenti parametri di progetto:

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

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

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

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5.3.2 PARAMETRI SISMICI DI BASE

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

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

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

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

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

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

5.3.3 STATI LIMITE DI RIFERIMENTO

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

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

5.3.4 CATEGORIE DI SOTTOSUOLO E CONDIZIONI TOPOGRAFICHE

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

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Categoria	Descrizione
A	<i>Ammassi rocciosi affioranti o terreni molto rigidi</i> caratterizzati da valori di $V_{s,30}$ superiori a 800 m/s, eventualmente comprendenti in superficie uno strato di alterazione, con spessore massimo pari a 3m.
B	<i>Rocce tenere e depositi di terreni a grana grossa molto addensati o terreni a grana fina molto consistenti</i> , con spessori superiori a 30m, caratterizzati da un graduale miglioramento 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	<i>Depositati di terreni a grana grossa mediamente addensati o terreni a grana fina media-mente consistenti</i> , con spessori superiori a 30m, caratterizzati da un graduale miglioramento 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	<i>Depositati di terreni a grana grossa scarsamente addensati o di terreni a grana fina scarsa-mente consistenti</i> , con spessori superiori a 30m, caratterizzati da un graduale miglioramento 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	<i>Terreni dei sottosuoli di tipo C o D per spessore non superiore a 20m</i> , 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_0 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.

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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 $i \leq 15^\circ$ ”*).



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 $\beta_s = 0.28$:

$$k_h = \beta_s \cdot \frac{a_{max}}{g} = 0.126$$

$$k_v = \pm 0.5 \cdot k_s = \pm 0.063$$

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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:

$$w_1 = 0.2 \text{ mm};$$

$$w_2 = 0.3 \text{ mm};$$

$$w_3 = 0.4 \text{ mm}.$$

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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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.

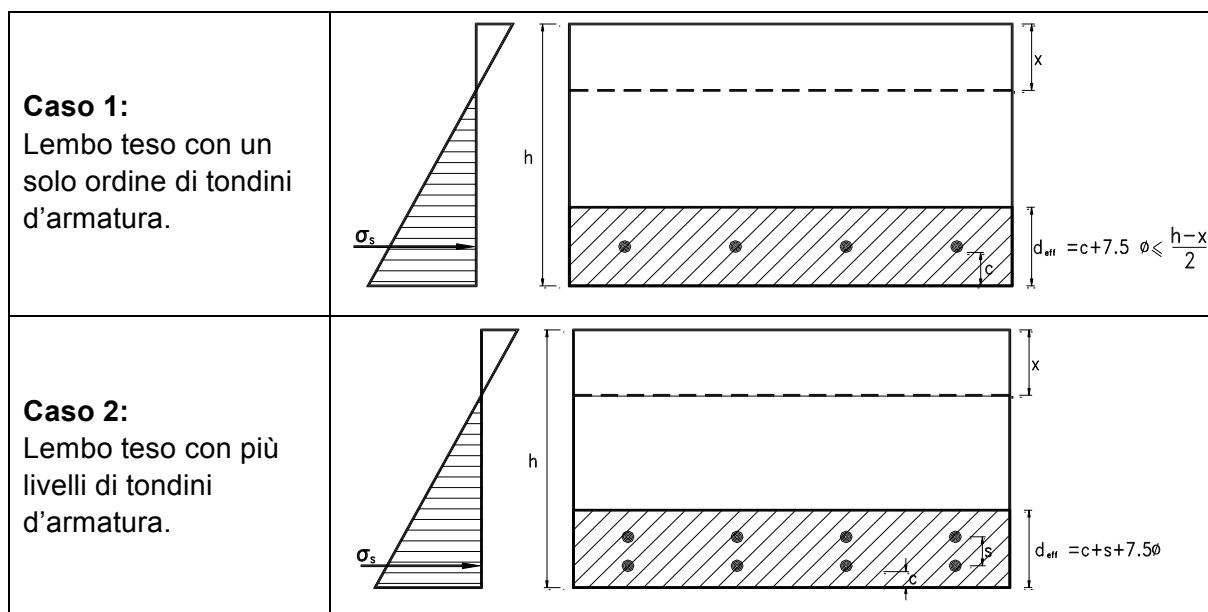
Il calcolo è condotto attraverso i seguenti passaggi:



- 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.



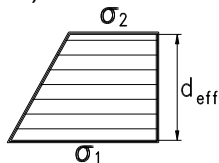
		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><i>Rev</i></td> <td style="width: 50%;"><i>Data</i></td> </tr> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
<i>Rev</i>	<i>Data</i>						
F0	20/06/2011						

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:

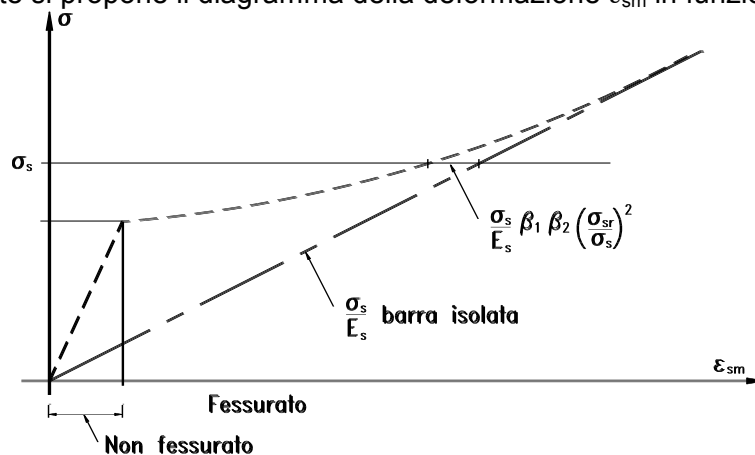
- σ_s = tensione nell'acciaio calcolata nella sezione fessurata;
- σ_{sr} = tensione nell'acciaio calcolata nella sezione fessurata per la sollecitazione corrispondente al raggiungimento della resistenza media a trazione f_{ctm} nella fibra di cls più sollecitata in sezione interamente reagente, compresa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

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- β_1 = coefficiente rappresentativo dell'aderenza acciaio-cla, 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

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:

$$w_d = 1.7 \cdot w_m$$

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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 (\emptyset);
- 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-clc;
- 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-clc;
- Distanza media fra due fessure attigue (Δ_{sm});
- Trazione nell'acciaio al raggiungimento della tensione limite f_{ctm} nel clc;
- 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.

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7 FASI COSTRUTTIVE

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

1. Demolizione del fosso rivestito e sbancamento del terreno a valle del muro di sostegno esistente;
2. Realizzazione del prolungamento del tombino scatolare dallo sbocco dell'esistente fino alla posizione del nuovo muro di sostegno;
3. Realizzazione del nuovo muro di sostegno del rilevato della carreggiata direzione Reggio Calabria ai lati del nuovo tombino scatolare;
4. Demolizione della testa del muro esistente e del cordolo di elevazione sulla soletta del tombino esistente;
5. Ricoprimento del tratto di prolungamento del tombino e rimodellazione della carreggiata e del terreno a lato dell'Autostrada A3 direzione Reggio Calabria.

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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/m³ 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 1.00 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	0.90
Carico su soletta = 21.00 kN/m²		

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

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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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/m³);

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	1.15	9.22	11.28	5.71	7.37
Pressione a quota linea media contros.	3.50	27.29	33.37	16.89	21.81

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).

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Rev</i></th> <th style="text-align: left;"><i>Data</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">F0</td> <td style="text-align: center;">20/06/2011</td> </tr> </tbody> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
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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:

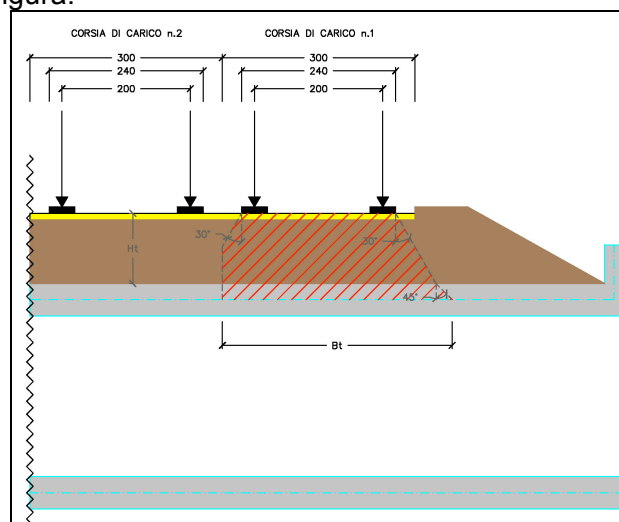
$$Q_{acc-sup} = \frac{2 \cdot Q_{1k}}{B_l \cdot B_t} + q_{1k}$$



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

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

- 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:



		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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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}	=	1.00 m
Spessore della soletta superiore	S_{sol}	=	0.30 m
Lunghezza di diffusione longitudinale	B_l	=	3.05 m
Lunghezza di diffusione trasversale	B_t	=	3.43 m
Carico accidentale superiore su soletta	$Q_{acc-sup}$	=	66.31 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 × 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]	$S_{a(r-d)}$ [kN/m ²]	$S_{a(a)}$ [kN/m ²]	$S_{a(a-d)}$ [kN/m ²]
Pressione a quota linea media soletta	1.15	23.01	28.14	14.24	18.39
Pressione a quota linea media contros.	3.50	17.48	21.38	10.82	13.97

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]	$S_{a(r-d)}$ [kN/m ²]	$S_{a(a)}$ [kN/m ²]	$S_{a(a-d)}$ [kN/m ²]
Pressione costante con la profondità	3.46	4.23	2.14	2.76

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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):

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

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/m²;
 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.

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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	0.13	0.05
SLV	0.36	0.15

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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 sismici 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/m³);

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

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

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

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

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** (sovrappinta sismica a Stato Limite di Danno) e **G1-SLV-X** (sovrappinta 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** (sovrappinta sismica a Stato Limite di Danno) e **G3-SLV-X** (sovrappinta sismica a Stato Limite di salvaguardia della Vita).

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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 Rel. 14.0.2** - Programma di calcolo ad elementi finiti monodimensionali, bidimensionali e tridimensionali.

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

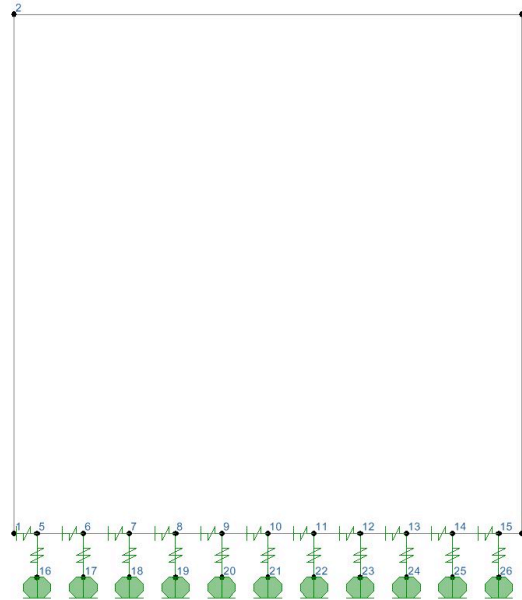
8.2.2 DESCRIZIONE DEL MODELLO DI CALCOLO

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.

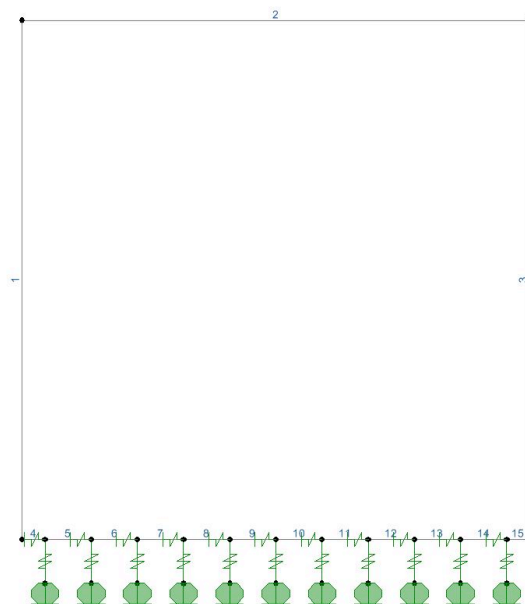
Lo scatolare è stato schematizzato con degli elementi finiti monodimensionali (*frame*): i frame hanno sezione rettangolare con altezza pari allo spessore dell'elemento schematizzato e base di lunghezza unitaria (1m).

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).



Modello di calcolo: numerazione dei nodi




Modello di calcolo: numerazione delle aste


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dove:

PROPRI	Peso proprio dello scatolare;
PERSUP	Carichi permanenti sulla soletta superiore;
PERINF	Carichi permanenti sulla soletta inferiore (<i>se presente</i>);
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 (<i>se presente</i>);
SPW-DX	Spinta della falda freatica sul piedritto di sinistra (<i>se presente</i>);
IDRO	Carico idraulico interno allo scatolare (<i>se presente</i>);
ACCINF	Carichi accidentali interni allo scatolare (<i>se presente</i>);
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;

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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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: \varnothing 22 / 20 cm (ripartitori esterni: \varnothing 10 / 20 cm)
- Estradosso: \varnothing 18 / 20 cm (ripartitori esterni: \varnothing 10 / 20 cm)



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

SOLLECITAZIONI A STATO LIMITE DI ESERCIZIO						
Asta	Comb.	Dist. [m]	N [kN]	V [kN]	M [kNm]	Note
2	SLE-CAR-147 MAX	0.627	5.50	1.32	56.04	Momento massimo
2	SLE-CAR-118 MAX	2.300	-81.21	161.24	-96.60	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	-3.50	-2.35	25.46	Momento massimo (comb. QP)
2	FESS-QP-14 MAX	2.300	-23.99	60.18	-25.43	Momento minimo (comb. QP)
2	FESS-FR-87 MAX	1.045	-9.51	-2.98	38.88	Momento massimo (comb. FR)
2	FESS-FR-62 MAX	2.300	-32.40	103.26	-39.99	Momento minimo (comb. FR)

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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SOLLECITAZIONI A STATO LIMITE ULTIMO						
Asta	Comb.	Dist. [m]	N [kN]	V [kN]	M [kNm]	Note
2	SLU-STR-147 MAX	0.627	7.94	1.81	75.05	<i>Momento massimo</i>
2	SLU-STR-118 MAX	2.300	-107.76	217.74	-129.16	<i>Momento minimo</i>
2	SLU-STR-119 MAX	2.300	-97.62	217.74	-113.99	<i>Taglio massimo</i>

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Rev</th> <th style="text-align: left;">Data</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">F0</td> <td style="text-align: left;">20/06/2011</td> </tr> </tbody> </table>	Rev	Data	F0	20/06/2011
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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).

Sezione descritta con il metodo dei trapezi elementari

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

b1 100.0
 h2 30.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 5.9 cm da intradosso
 5 ø22 mm posizionati a 23.9 cm da intradosso

Area armatura normale = 3173.0 (mm²) a 16.7 cm da intrad.

Convenzioni di segno

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

Coefficiente d'omogeneizzazione dell'armatura =15

Condizione di carico 1

Momento = 56.0(KN.m)
 Sforzo normale = 0.0(KN)

Compressione massima nel calcestruzzo = -6.23(N/mm²)
 Trazione massima nell'acciaio = 207.98(N/mm²)
 Distanza asse neutro da lembo compresso = 7.5 (cm)
 Braccio di leva interno = 21.1 (cm)

Condizione di carico 2

Momento = -96.6(KN.m)
 Sforzo normale = 0.0(KN)

Compressione massima nel calcestruzzo = -9.41(N/mm²)
 Trazione massima nell'acciaio = 246.58(N/mm²)
 Distanza asse neutro da lembo compresso = 8.7 (cm)
 Braccio di leva interno = 20.7 (cm)


Condizione di carico 3

Momento = 38.9(KN.m)
 Sforzo normale = 0.0(KN)

Compressione massima nel calcestruzzo = -4.32(N/mm²)
 Trazione massima nell'acciaio = 144.30(N/mm²)
 Distanza asse neutro da lembo compresso = 7.5 (cm)
 Braccio di leva interno = 21.1 (cm)

Condizione di carico 4

Momento = -40.0(KN.m)
 Sforzo normale = 0.0(KN)

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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Compressione massima nel calcestruzzo = -3.90 (N/mm²)
Trazione massima nell'acciaio = 102.08 (N/mm²)
Distanza asse neutro da lembo compresso = 8.7 (cm)
Braccio di leva interno = 20.7 (cm)

Condizione di carico 5

Momento = 25.5 (KN.m)
Sforzo normale = 0.0 (KN)



Compressione massima nel calcestruzzo = -2.83 (N/mm²)
Trazione massima nell'acciaio = 94.49 (N/mm²)
Distanza asse neutro da lembo compresso = 7.5 (cm)
Braccio di leva interno = 21.1 (cm)

Condizione di carico 6

Momento = -25.4 (KN.m)
Sforzo normale = 0.0 (KN)

Compressione massima nel calcestruzzo = -2.48 (N/mm²)
Trazione massima nell'acciaio = 64.91 (N/mm²)
Distanza asse neutro da lembo compresso = 8.7 (cm)
Braccio di leva interno = 20.7 (cm)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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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 -
Unità di misura:(cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
h2 30.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 5.9 cm da intradosso
5 ø22 mm posizionati a 23.9 cm da intradosso

Area armatura normale = 3173.0 (mm²) a 16.7 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 = 18.0 (mm)



Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 31.5 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 45.71 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = 54.41 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
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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

5 ø18 mm posizionati a 5.9 cm da intradosso
5 ø22 mm posizionati a 23.9 cm da intradosso

Area armatura normale = 3173.0 (mm²) a 16.7 cm da intrad.

Armatura in barre ad aderenza migliorata

E' teso l'estradosso della sezione

Copriferro minimo di norma = 2.5 cm

Copriferro effettivo sezione = 5.0 cm

Interferro = 20.0 cm

Diametro massimo barre = 22.0 (mm)



Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 31.5 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 47.13 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = -56.11 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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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 -
 Unità di misura:(cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
 h2 30.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 5.9 cm da intradosso
 5 ø22 mm posizionati a 23.9 cm da intradosso

Area armatura normale = 3173.0 (mm²) a 16.7 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 = 18.0 (mm)


Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 31.5 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 45.71 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = 54.41 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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Momento negativo

CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

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

b1 100.0
h2 30.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 5.9 cm da intradosso
5 ø22 mm posizionati a 23.9 cm da intradosso

Area armatura normale = 3173.0 (mm²) a 16.7 cm da intrad.

Armatura in barre ad aderenza migliorata

E' teso l'estradosso della sezione

Copriferro minimo di norma = 2.5 cm

Copriferro effettivo sezione = 5.0 cm

Interferro = 20.0 cm

Diametro massimo barre = 22.0 (mm)


Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 31.5 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 47.13 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = -56.11 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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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 -
 Unità di misura: (cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
 h2 30.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 5.9 cm da intradosso
 5 ø22 mm posizionati a 23.9 cm da intradosso

Area armatura normale = 3173.0 (mm²) a 16.7 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

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

Ipotesi di calcolo

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

Resistenze di progetto

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



Convenzioni di segno

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

Condizione di carico 1

Momento di Progetto $M_d = 75.1$ (KN.m)
 Sforzo di Progetto $N_d = 0.0$ (KN)

Distanza asse neutro da lembo compresso = 5.2 (cm)
 Momento di Rottura $M_r = 113.4$ (KN.m)
 Sforzo di Rottura $N_r = 1.7$ (KN)
 Rottura nel Dominio 2
 Rapporto $M_r/M_d = 1.511$

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Condizione di carico 2

Momento di Progetto $M_d = -129.2 (KN.m)$
Sforzo di Progetto $N_d = 0.0 (KN)$



Distanza asse neutro da lembo compresso = 5.7 (cm)

Momento di Rottura $M_r = -158.4 (KN.m)$

Sforzo di Rottura $N_r = 1.2 (KN)$

Rottura nel Dominio 2

Rapporto $M_r/M_d = 1.227$

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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:

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

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

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 compressione 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}	=	217.74	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	=	239	mm
Larghezza minima della sezione	b_w	=	1000	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	\varnothing	=	22	mm
Numero tondini longitudinali utilizzati	n°	=	5	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	1900	mm ²
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_1	=	0.0079	-

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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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.

Verifiche con 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 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:

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

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

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

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 mm²);



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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	Rev F0	Data 20/06/2011

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 compressione 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}	=	217.74	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	=	239	mm
Larghezza minima della sezione	b_w	=	1000	mm

Armatura della sezione in zona tesa:



Diametro ferri longitudinali	\varnothing	=	22	mm
Numero tondini longitudinali utilizzati	n°	=	5	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	1900	mm ²
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_l	=	0.0079	-

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}	=	5	-
Passo in direzione asse elemento	s	=	200	mm
Area totale di armatura a taglio	A_{sw}	=	395	mm ²

Fattori di resistenza a compressione:



Angolo di inclinazione dei puntoni di cls	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	-

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Calcolo del taglio resistente:

Resistenza di calcolo a "taglio trazione" dell'armatura	V_{Rsd}	=	235.09	kN
Resistenza di calcolo a "taglio compressione" del cls	V_{Rcd}	=	2023.37	kN
Resistenza ultima a taglio	V_{Rd}	=	235.09	kN

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
		ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0

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: Ø 18 / 20 cm (ripartitori esterni: Ø 10 / 20 cm)
- Estradosso: Ø 18 / 20 cm (ripartitori esterni: Ø 10 / 20 cm)


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

SOLLECITAZIONI A STATO LIMITE DI ESERCIZIO						
Asta	Comb.	Dist. [m]	N [kN]	V [kN]	M [kNm]	Note
4	SLE-CAR-119 MAX	0.000	-93.87	70.49	90.74	<i>Momento massimo</i>
13	SLE-CAR-118 MAX	0.209	42.32	87.03	-101.58	<i>Momento minimo</i>

SOLLECITAZIONI A STATO LIMITE DI FESSURAZIONE						
Asta	Comb.	Dist. [m]	N [kN]	V [kN]	M [kNm]	Note
4	FESS-QP-15 MAX	0.000	-44.04	69.00	28.29	<i>Momento massimo (comb. QP)</i>
10	FESS-QP-26 MAX	0.209	3.11	7.08	-36.57	<i>Momento minimo (comb. QP)</i>
4	FESS-FR-63 MAX	0.000	-61.29	102.83	43.61	<i>Momento massimo (comb. FR)</i>
10	FESS-FR-86 MAX	0.209	1.91	13.40	-55.37	<i>Momento minimo (comb. FR)</i>

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

SOLLECITAZIONI A STATO LIMITE ULTIMO						
Asta	Comb.	Dist. [m]	N [kN]	V [kN]	M [kNm]	Note
4	SLU-STR- 119 MAX	0.000	-124.33	95.11	121.83	<i>Momento massimo</i>
14	SLU-STR- 118 MAX	0.000	77.42	-33.41	-138.73	<i>Momento minimo</i>
15	SLU-STR- 119 MAX	0.000	86.47	242.95	-124.00	<i>Taglio massimo</i>

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

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

5 ø18 mm posizionati a 6.1 cm da intradosso
5 ø18 mm posizionati a 34.1 cm da intradosso

Area armatura normale = 2544.7 (mm²) a 20.1 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 = 90.7(KN.m)
Sforzo normale = 0.0(KN)

Compressione massima nel calcestruzzo = -5.72(N/mm²)
Trazione massima nell'acciaio = 233.66(N/mm²)
Distanza asse neutro da lembo compresso = 9.1 (cm)
Braccio di leva interno = 30.4 (cm)

Condizione di carico 2

Momento = -101.6(KN.m)
Sforzo normale = 0.0(KN)

Compressione massima nel calcestruzzo = -6.35(N/mm²)
Trazione massima nell'acciaio = 260.28(N/mm²)
Distanza asse neutro da lembo compresso = 9.1 (cm)
Braccio di leva interno = 30.7 (cm)



Condizione di carico 3

Momento = 43.6(KN.m)
Sforzo normale = 0.0(KN)

Compressione massima nel calcestruzzo = -2.75(N/mm²)
Trazione massima nell'acciaio = 112.30(N/mm²)
Distanza asse neutro da lembo compresso = 9.1 (cm)
Braccio di leva interno = 30.4 (cm)

Condizione di carico 4

Momento = -55.4(KN.m)
Sforzo normale = 0.0(KN)

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><i>Rev</i></th> <th style="text-align: left;"><i>Data</i></th> </tr> </thead> <tbody> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </tbody> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
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F0	20/06/2011						

Compressione massima nel calcestruzzo = -3.46 (N/mm²)
Trazione massima nell'acciaio = 141.87 (N/mm²)
Distanza asse neutro da lembo compresso = 9.1 (cm)
Braccio di leva interno = 30.7 (cm)

Condizione di carico 5

Momento = 28.3 (KN.m)
Sforzo normale = 0.0 (KN)



Compressione massima nel calcestruzzo = -1.78 (N/mm²)
Trazione massima nell'acciaio = 72.85 (N/mm²)
Distanza asse neutro da lembo compresso = 9.1 (cm)
Braccio di leva interno = 30.4 (cm)

Condizione di carico 6

Momento = -36.6 (KN.m)
Sforzo normale = 0.0 (KN)

Compressione massima nel calcestruzzo = -2.29 (N/mm²)
Trazione massima nell'acciaio = 93.70 (N/mm²)
Distanza asse neutro da lembo compresso = 9.1 (cm)
Braccio di leva interno = 30.7 (cm)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

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 -
Unità di misura:(cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
h2 40.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 6.1 cm da intradosso
5 ø18 mm posizionati a 34.1 cm da intradosso

Area armatura normale = 2544.7 (mm²) a 20.1 cm da intrad.

Armatura in barre ad aderenza migliorata

E' teso l'intradosso della sezione

Copriferro minimo di norma = 2.5 cm

Copriferro effettivo sezione = 5.2 cm

Interferro = 20.0 cm

Diametro massimo barre = 18.0 (mm)


Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 31.5 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 80.39 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = 95.70 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Momento negativo

CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

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

b1 100.0
h2 40.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 6.1 cm da intradosso
5 ø18 mm posizionati a 34.1 cm da intradosso

Area armatura normale = 2544.7 (mm²) a 20.1 cm da intrad.

Armatura in barre ad aderenza migliorata

E' teso l'estradosso della sezione

Copriferro minimo di norma = 2.5 cm

Copriferro effettivo sezione = 5.0 cm

Interferro = 20.0 cm

Diametro massimo barre = 18.0 (mm)



Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 31.5 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 80.46 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = -95.79 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	<table border="1"> <thead> <tr> <th>Rev</th> <th>Data</th> </tr> </thead> <tbody> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </tbody> </table>	Rev	Data	F0	20/06/2011
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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 -
 Unità di misura:(cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
 h2 40.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 6.1 cm da intradosso
 5 ø18 mm posizionati a 34.1 cm da intradosso

Area armatura normale = 2544.7 (mm²) a 20.1 cm da intrad.

Armatura in barre ad aderenza migliorata

E' teso l'intradosso della sezione

Copriferro minimo di norma = 2.5 cm

Copriferro effettivo sezione = 5.2 cm

Interferro = 20.0 cm

Diametro massimo barre = 18.0 (mm)



Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 31.5 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 80.39 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = 95.70 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Momento negativo

CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

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

b1 100.0
h2 40.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 6.1 cm da intradosso
5 ø18 mm posizionati a 34.1 cm da intradosso

Area armatura normale = 2544.7 (mm²) a 20.1 cm da intrad.

Armatura in barre ad aderenza migliorata

E' teso l'estradosso della sezione

Copriferro minimo di norma = 2.5 cm

Copriferro effettivo sezione = 5.0 cm

Interferro = 20.0 cm

Diametro massimo barre = 18.0 (mm)



Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 31.5 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 80.46 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = -95.79 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Rev</td> <td style="width: 50%;">Data</td> </tr> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </table>	Rev	Data	F0	20/06/2011
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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 -
 Unità di misura: (cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
 h2 40.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 6.1 cm da intradosso
 5 ø18 mm posizionati a 34.1 cm da intradosso

Area armatura normale = 2544.7 (mm²) a 20.1 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

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

Ipotesi di calcolo

Legge costitutiva del calcestruzzo : Parabola Rettangolo
 Accorciamento ultimo a flessione = 0.3500 %
 Accorciamento ultimo a compress. = 0.2000 %
 Legge costitutiva dell'acciaio normale : Bilineare
 Allungamento ultimo acciaio normale = 0.675 %
 Coefficiente di sicurezza calcestruzzo : $\gamma_c = 1.500$
 Coefficiente di sicurezza acciaio : $\gamma_s = 1.150$
 Termine di lunga durata : $F_1 = 0.850$
 Rapporto R_{cy1}/R_{cubo} : $F_2 = 0.830$
 Resistenza di progetto calcestruzzo : $F_1 \cdot F_2 \cdot R_{cubo} / \gamma_c = 0.47 R_{cubo}$
 Resistenza di progetto dell'acciaio : $F_{sd} = F_{yk} / \gamma_s = 0.87 F_{yk}$

Resistenze di progetto



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

Convenzioni di segno

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

Condizione di carico 1

Momento di Progetto $M_d = 121.8$ (KN.m)
 Sforzo di Progetto $N_d = 0.0$ (KN)
 Distanza asse neutro da lembo compresso = 5.4 (cm)
 Momento di Rottura $M_r = 156.6$ (KN.m)
 Sforzo di Rottura $N_r = 1.0$ (KN)
 Rottura nel Dominio 2
 Rapporto $M_r/M_d = 1.286$

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Condizione di carico 2

Momento di Progetto M_d = -138.7 (KN.m)
Sforzo di Progetto N_d = 0.0 (KN)



Distanza asse neutro da lembo compresso = 5.5 (cm)

Momento di Rottura M_r = -158.5 (KN.m)

Sforzo di Rottura N_r = -2.5 (KN)

Rottura nel Dominio 2

Rapporto M_r/M_d = 1.142

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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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:

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

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

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 compressione 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}	=	242.95	kN
Valore di calcolo della forza assiale associata a V_{Ed}	$N(V_{Ed})$	=	0.00	kN
Valore di calcolo del momento flettente associato a V_{Ed}	$M(V_{Ed})$	=	0.00	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	341	mm
Larghezza minima della sezione	b_w	=	1000	mm

Armatura della sezione in zona tesa:

Diametro ferri longitudinali	\varnothing	=	18	mm
Numero tondini longitudinali utilizzati	n°	=	5	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	1270	mm ²
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_1	=	0.0037	-

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

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	$V_{Rd,min}$	=	161.37	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	167.09	kN

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

Verifiche con 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 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:

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

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

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

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 mm²);



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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	Rev F0	Data 20/06/2011

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 compressione 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}	=	242.95	kN
Valore di calcolo della forza assiale associata a V_{Ed}	$N(V_{Ed})$	=	0.00	kN
Valore di calcolo del momento flettente associato a V_{Ed}	$M(V_{Ed})$	=	0.00	kNm

Caratteristiche geometriche della sezione:

Altezza utile della sezione	d	=	341	mm
Larghezza minima della sezione	b_w	=	1000	mm

Armatura della sezione in zona tesa:



Diametro ferri longitudinali	\varnothing	=	18	mm
Numero tondini longitudinali utilizzati	n°	=	5	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	1270	mm ²
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_l	=	0.0037	-

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}	=	5	-
Passo in direzione asse elemento	s	=	200	mm
Area totale di armatura a taglio	A_{sw}	=	395	mm ²

Fattori di resistenza a compressione:



Angolo di inclinazione dei puntoni di cls	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	-

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Calcolo del taglio resistente:

Resistenza di calcolo a "taglio trazione" dell'armatura	V_{Rsd}	=	335.42	kN
Resistenza di calcolo a "taglio compressione" del cls	V_{Rcd}	=	2886.91	kN
Resistenza ultima a taglio	V_{Rd}	=	335.42	kN

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
		ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0

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: \varnothing 18 / 20 cm (ripartitori esterni: \varnothing 10 / 20 cm)
- Estradosso: \varnothing 20 / 20 cm (ripartitori esterni: \varnothing 10 / 20 cm)



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

SOLLECITAZIONI A STATO LIMITE DI ESERCIZIO						
Asta	Comb.	Dist. [m]	N [kN]	V [kN]	M [kNm]	Note
3	SLE-CAR-118 MAX	0.000	-178.87	70.73	79.92	Momento massimo
3	SLE-CAR-118 MAX	2.350	-161.24	81.21	-96.60	Momento minimo

SOLLECITAZIONI A STATO LIMITE DI FESSURAZIONE						
Asta	Comb.	Dist. [m]	N [kN]	V [kN]	M [kNm]	Note
3	FESS-QP-10 MAX	0.000	-77.80	7.22	3.57	Momento massimo (comb. QP)
1	FESS-QP-15 MAX	0.000	-69.00	-44.04	-28.29	Momento minimo (comb. QP)
3	FESS-FR-54 MAX	0.000	-120.89	15.63	8.76	Momento massimo (comb. FR)
1	FESS-FR-63 MAX	0.000	-102.83	-61.29	-43.61	Momento minimo (comb. FR)

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

SOLLECITAZIONI A STATO LIMITE ULTIMO						
Asta	Comb.	Dist. [m]	N [kN]	V [kN]	M [kNm]	Note
3	SLU-STR-118 MAX	0.000	-241.53	96.61	107.34	<i>Momento massimo</i>
3	SLU-STR-118 MAX	2.350	-217.74	107.76	-129.16	<i>Momento minimo</i>
1	SLU-STR-119 MAX	0.000	-95.11	124.33	-121.83	<i>Taglio massimo</i>

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Rev</td> <td style="width: 50%;">Data</td> </tr> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </table>	Rev	Data	F0	20/06/2011
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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 -
 Unità di misura:(cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
 h2 30.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 5.9 cm da intradosso
 5 ø20 mm posizionati a 24.0 cm da intradosso

Area armatura normale = 2843.1 (mm²) a 15.9 cm da intrad.

Convenzioni di segno

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

Coefficiente d'omogeneizzazione dell'armatura =15

Condizione di carico 1

Momento = 79.9(KN.m)
 Sforzo normale = -178.9(KN)

Compressione massima nel calcestruzzo = -8.86(N/mm²)
 Trazione massima nell'acciaio = 225.42(N/mm²)
 Distanza asse neutro da lembo compresso = 8.9 (cm)
 Braccio di leva interno = 20.7 (cm)

Condizione di carico 2

Momento = -96.6(KN.m)
 Sforzo normale = -161.2(KN)

Compressione massima nel calcestruzzo = -10.13(N/mm²)
 Trazione massima nell'acciaio = 242.01(N/mm²)
 Distanza asse neutro da lembo compresso = 9.3 (cm)
 Braccio di leva interno = 20.7 (cm)


Condizione di carico 3

Momento = 8.8(KN.m)
 Sforzo normale = -120.9(KN)

Compressione massima nel calcestruzzo = -0.88(N/mm²)
 Trazione massima nell'acciaio = 0.11(N/mm²)
 Distanza asse neutro da lembo compresso = 23.9 (cm)
 Braccio di leva interno = 16.6 (cm)

Condizione di carico 4

Momento = -43.6(KN.m)
 Sforzo normale = -102.8(KN)

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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Compressione massima nel calcestruzzo = -4.58 (N/mm²)
Trazione massima nell'acciaio = 99.79 (N/mm²)
Distanza asse neutro da lembo compresso = 9.8 (cm)
Braccio di leva interno = 20.4 (cm)

Condizione di carico 5

Momento = 3.6 (KN.m)
Sforzo normale = -77.8 (KN)

La sezione non si parzializza



Compressione massima nel calcestruzzo = -0.43 (N/mm²)
Compressione minima nel calcestruzzo = -0.02 (N/mm²)

Condizione di carico 6

Momento = -28.3 (KN.m)
Sforzo normale = -69.0 (KN)

Compressione massima nel calcestruzzo = -2.98 (N/mm²)
Trazione massima nell'acciaio = 63.88 (N/mm²)
Distanza asse neutro da lembo compresso = 9.9 (cm)
Braccio di leva interno = 20.4 (cm)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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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

5 ø18 mm posizionati a 5.9 cm da intradosso
5 ø20 mm posizionati a 24.0 cm da intradosso

Area armatura normale = 2843.1 (mm²) a 15.9 cm da intrad.

Armatura in barre ad aderenza migliorata

E' teso l'intradosso della sezione

Copriferro minimo di norma = 2.5 cm

Copriferro effettivo sezione = 5.0 cm

Interferro = 20.0 cm

Diametro massimo barre = 18.0 (mm)



Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 31.5 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 45.48 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = 54.14 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

8.6.2.2 COMBINAZIONI FREQUENTI

Momento positivo

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

Momento negativo

CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

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

b1 100.0
h2 30.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 5.9 cm da intradosso
5 ø20 mm posizionati a 24.0 cm da intradosso

Area armatura normale = 2843.1 (mm²) a 15.9 cm da intrad.

Armatura in barre ad aderenza migliorata

E' teso l'estradosso della sezione

Copriferro minimo di norma = 2.5 cm

Copriferro effettivo sezione = 5.0 cm

Interferro = 20.0 cm

Diametro massimo barre = 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 ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 46.16 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = -54.96 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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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 -
 Unità di misura:(cm) - Elenco dei parametri ad iniziare dall'estradosso

b1 100.0
 h2 30.0 b3 100.0

Descrizione dell'armatura normale

5 ø18 mm posizionati a 5.9 cm da intradosso
 5 ø20 mm posizionati a 24.0 cm da intradosso

Area armatura normale = 2843.1 (mm²) a 15.9 cm da intrad.

Caratteristiche Fisico-Elastiche dei materiali

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

Ipotesi di calcolo

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

Resistenze di progetto

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

Convenzioni di segno

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



Condizione di carico 1

Momento di Progetto $M_d = 107.3$ (KN.m)
 Sforzo di Progetto $N_d = -241.5$ (KN)

Distanza asse neutro da lembo compresso = 5.8 (cm)

Momento di Rottura $M_r = 138.3$ (KN.m)
 Sforzo di Rottura $N_r = -240.7$ (KN)

Rottura nel Dominio 2
 Rapporto $M_r/M_d = 1.289$

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
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Condizione di carico 2

Momento di Progetto $M_d = -129.2 (KN.m)$
Sforzo di Progetto $N_d = -217.7 (KN)$

Distanza asse neutro da lembo compresso = 6.0 (cm)

Momento di Rottura $M_r = -157.4 (KN.m)$
Sforzo di Rottura $N_r = -217.6 (KN)$

Rottura nel Dominio 2
Rapporto $M_r/M_d = 1.218$

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

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:

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

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

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 compressione 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}	=	124.33	kN
Valore di calcolo della forza assiale associata a V_{Ed}	$N(V_{Ed})$	=	95.11	kN
Valore di calcolo del momento flettente associato a V_{Ed}	$M(V_{Ed})$	=	121.83	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°	=	5	-
Area totale di armatura longitudinale in zona tesa	A_{sl}	=	1570	mm ²
Rapporto geometrico dell'armatura longitud. (≤ 0.02)	ρ_1	=	0.0065	-

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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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}	=	0.40	N/mm ²
Resistenza ultima a taglio minima	$V_{Rd,min}$	=	142.32	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	167.97	kN

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"><i>Rev</i></td> <td style="width: 50%;"><i>Data</i></td> </tr> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
<i>Rev</i>	<i>Data</i>						
F0	20/06/2011						

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:*

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

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><i>Rev</i></td> <td style="width: 50%;"><i>Data</i></td> </tr> <tr> <td style="text-align: center;">F0</td> <td style="text-align: center;">20/06/2011</td> </tr> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
<i>Rev</i>	<i>Data</i>						
F0	20/06/2011						

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

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

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

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

$$s_q = s_{\gamma}$$

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

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:*

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

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

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

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:*



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

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

$$\text{con: } m = \frac{2 + B/L}{1 + B/L}$$

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

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;

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

- 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).

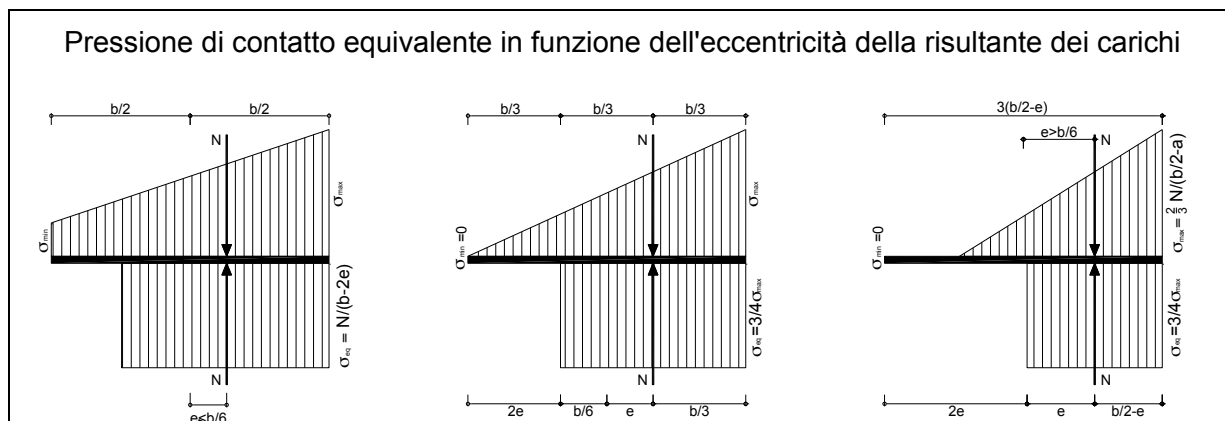
Le verifiche di portata, conformi alle NTC 2008, vengono svolte secondo l'Approccio 1 Combinazione 2 (A2+M2+R2) come prescritto dalla Circ.Min. n°617 del 02/02/2009 (paragrafo C.6.4.2.1). In base a quanto riportato nel D.M. 14/01/2008, la capacità portante della fondazione è verificata se risulta vera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



		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

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 (controsolella)
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	222	0	2.60	85	85	85	4100	2278
SLU-GEO-001 MIN	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-002 MAX	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-002 MIN	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-003 MAX	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-003 MIN	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-004 MAX	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-004 MIN	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-005 MAX	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-005 MIN	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-006 MAX	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-006 MIN	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-007 MAX	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-007 MIN	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-008 MAX	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-008 MIN	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-009 MAX	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-009 MIN	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-010 MAX	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-010 MIN	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-011 MAX	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-011 MIN	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-012 MAX	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-012 MIN	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-013 MAX	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-013 MIN	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-014 MAX	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-014 MIN	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-015 MAX	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-015 MIN	36	310	30	2.60	88	151	131	3302	1835

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	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-016 MIN	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-017 MAX	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-017 MIN	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-018 MAX	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-018 MIN	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-019 MAX	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-019 MIN	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-020 MAX	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-020 MIN	28	310	23	2.60	95	144	128	3481	1934
SLU-GEO-021 MAX	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-021 MIN	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-022 MAX	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-022 MIN	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-023 MAX	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-023 MIN	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-024 MAX	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-024 MIN	36	310	30	2.60	88	151	131	3302	1835
SLU-GEO-025 MAX	32	222	30	2.60	57	113	96	2998	1666
SLU-GEO-025 MIN	32	222	30	2.60	57	113	96	2998	1666
SLU-GEO-026 MAX	32	222	30	2.60	57	113	96	2998	1666
SLU-GEO-026 MIN	32	222	30	2.60	57	113	96	2998	1666
SLU-GEO-027 MAX	32	222	30	2.60	57	113	96	2998	1666
SLU-GEO-027 MIN	32	222	30	2.60	57	113	96	2998	1666
SLU-GEO-028 MAX	32	222	30	2.60	57	113	96	2998	1666
SLU-GEO-028 MIN	32	222	30	2.60	57	113	96	2998	1666
SLU-GEO-029 MAX	32	170	30	2.60	37	93	76	2701	1501
SLU-GEO-029 MIN	32	170	30	2.60	37	93	76	2701	1501
SLU-GEO-030 MAX	32	170	30	2.60	37	93	76	2701	1501
SLU-GEO-030 MIN	32	170	30	2.60	37	93	76	2701	1501

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	32	170	30	2.60	37	93	76	2701	1501
SLU-GEO-031 MIN	32	170	30	2.60	37	93	76	2701	1501
SLU-GEO-032 MAX	32	170	30	2.60	37	93	76	2701	1501
SLU-GEO-032 MIN	32	170	30	2.60	37	93	76	2701	1501
SLU-GEO-033 MAX	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-033 MIN	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-034 MAX	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-034 MIN	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-035 MAX	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-035 MIN	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-036 MAX	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-036 MIN	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-037 MAX	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-037 MIN	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-038 MAX	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-038 MIN	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-039 MAX	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-039 MIN	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-040 MAX	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-040 MIN	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-041 MAX	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-041 MIN	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-042 MAX	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-042 MIN	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-043 MAX	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-043 MIN	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-044 MAX	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-044 MIN	63	310	56	2.60	63	176	142	2673	1485
SLU-GEO-045 MAX	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-045 MIN	67	310	60	2.60	59	179	143	2596	1442

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	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-046 MIN	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-047 MAX	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-047 MIN	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-048 MAX	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-048 MIN	67	310	60	2.60	59	179	143	2596	1442
SLU-GEO-049 MAX	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-049 MIN	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-050 MAX	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-050 MIN	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-051 MAX	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-051 MIN	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-052 MAX	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-052 MIN	0	222	0	2.60	85	85	85	4100	2278
SLU-GEO-053 MAX	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-053 MIN	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-054 MAX	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-054 MIN	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-055 MAX	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-055 MIN	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-056 MAX	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-056 MIN	0	170	0	2.60	65	65	65	4100	2278
SLU-GEO-057 MAX	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-057 MIN	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-058 MAX	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-058 MIN	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-059 MAX	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-059 MIN	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-060 MAX	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-060 MIN	17	310	14	2.60	104	134	125	3710	2061

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	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-061 MIN	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-062 MAX	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-062 MIN	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-063 MAX	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-063 MIN	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-064 MAX	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-064 MIN	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-065 MAX	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-065 MIN	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-066 MAX	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-066 MIN	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-067 MAX	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-067 MIN	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-068 MAX	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-068 MIN	17	310	14	2.60	104	134	125	3710	2061
SLU-GEO-069 MAX	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-069 MIN	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-070 MAX	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-070 MIN	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-071 MAX	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-071 MIN	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-072 MAX	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-072 MIN	22	310	18	2.60	100	139	126	3594	1996
SLU-GEO-073 MAX	20	222	19	2.60	68	103	92	3394	1885
SLU-GEO-073 MIN	20	222	19	2.60	68	103	92	3394	1885
SLU-GEO-074 MAX	20	222	19	2.60	68	103	92	3394	1885
SLU-GEO-074 MIN	20	222	19	2.60	68	103	92	3394	1885
SLU-GEO-075 MAX	20	222	19	2.60	68	103	92	3394	1885
SLU-GEO-075 MIN	20	222	19	2.60	68	103	92	3394	1885

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	20	222	19	2.60	68	103	92	3394	1885
SLU-GEO-076 MIN	20	222	19	2.60	68	103	92	3394	1885
SLU-GEO-077 MAX	20	170	19	2.60	48	83	72	3193	1774
SLU-GEO-077 MIN	20	170	19	2.60	48	83	72	3193	1774
SLU-GEO-078 MAX	20	170	19	2.60	48	83	72	3193	1774
SLU-GEO-078 MIN	20	170	19	2.60	48	83	72	3193	1774
SLU-GEO-079 MAX	20	170	19	2.60	48	83	72	3193	1774
SLU-GEO-079 MIN	20	170	19	2.60	48	83	72	3193	1774
SLU-GEO-080 MAX	20	170	19	2.60	48	83	72	3193	1774
SLU-GEO-080 MIN	20	170	19	2.60	48	83	72	3193	1774
SLU-GEO-081 MAX	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-081 MIN	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-082 MAX	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-082 MIN	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-083 MAX	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-083 MIN	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-084 MAX	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-084 MIN	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-085 MAX	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-085 MIN	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-086 MAX	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-086 MIN	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-087 MAX	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-087 MIN	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-088 MAX	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-088 MIN	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-089 MAX	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-089 MIN	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-090 MAX	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-090 MIN	39	310	35	2.60	85	154	132	3174	1763

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	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-091 MIN	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-092 MAX	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-092 MIN	39	310	35	2.60	85	154	132	3174	1763
SLU-GEO-093 MAX	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-093 MIN	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-094 MAX	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-094 MIN	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-095 MAX	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-095 MIN	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-096 MAX	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-096 MIN	42	310	37	2.60	82	156	133	3121	1734
SLU-GEO-097 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-097 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-098 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-098 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-099 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-099 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-100 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-100 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-101 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-101 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-102 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-102 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-103 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-103 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-104 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-104 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-105 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-105 MIN	284	340	135	1.39	0	488	366	1264	702

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	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-106 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-107 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-107 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-108 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-108 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-109 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-109 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-110 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-110 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-111 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-111 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-112 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-112 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-113 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-113 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-114 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-114 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-115 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-115 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-116 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-116 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-117 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-117 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-118 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-118 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-119 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-119 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-120 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-120 MIN	295	340	145	1.30	0	524	393	1144	636

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	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-121 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-122 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-122 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-123 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-123 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-124 MAX	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-124 MIN	284	340	135	1.39	0	488	366	1264	702
SLU-GEO-125 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-125 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-126 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-126 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-127 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-127 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-128 MAX	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-128 MIN	295	340	145	1.30	0	524	393	1144	636
SLU-GEO-129 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-129 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-130 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-130 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-131 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-131 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-132 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-132 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-133 MAX	277	340	130	1.46	0	466	350	1340	744
SLU-GEO-133 MIN	277	340	130	1.46	0	466	350	1340	744
SLU-GEO-134 MAX	277	340	130	1.46	0	466	350	1340	744
SLU-GEO-134 MIN	277	340	130	1.46	0	466	350	1340	744
SLU-GEO-135 MAX	277	340	130	1.46	0	466	350	1340	744
SLU-GEO-135 MIN	277	340	130	1.46	0	466	350	1340	744


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	277	340	130	1.46	0	466	350	1340	744
SLU-GEO-136 MIN	277	340	130	1.46	0	466	350	1340	744
SLU-GEO-137 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-137 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-138 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-138 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-139 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-139 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-140 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-140 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-141 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-141 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-142 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-142 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-143 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-143 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-144 MAX	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-144 MIN	270	340	124	1.52	0	448	336	1419	789
SLU-GEO-145 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-145 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-146 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-146 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-147 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-147 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-148 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-148 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-149 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-149 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-150 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-150 MIN	293	340	145	1.31	0	517	388	1136	631

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	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-151 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-152 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-152 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-153 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-153 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-154 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-154 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-155 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-155 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-156 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-156 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-157 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-157 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-158 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-158 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-159 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-159 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-160 MAX	293	340	145	1.31	0	517	388	1136	631
SLU-GEO-160 MIN	293	340	145	1.31	0	517	388	1136	631
SLU-SIS-01 MAX	131	212	82	2.05	0	207	155	1392	774
SLU-SIS-01 MIN	131	212	82	2.05	0	207	155	1392	774
SLU-SIS-02 MAX	131	212	82	2.05	0	207	155	1392	774
SLU-SIS-02 MIN	131	212	82	2.05	0	207	155	1392	774
SLU-SIS-03 MAX	131	212	82	2.05	0	207	155	1392	774
SLU-SIS-03 MIN	131	212	82	2.05	0	207	155	1392	774
SLU-SIS-04 MAX	131	212	82	2.05	0	207	155	1392	774
SLU-SIS-04 MIN	131	212	82	2.05	0	207	155	1392	774
SLU-SIS-05 MAX	129	171	80	1.63	0	209	157	1017	565
SLU-SIS-05 MIN	129	171	80	1.63	0	209	157	1017	565

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	129	171	80	1.63	0	209	157	1017	565
SLU-SIS-06 MIN	129	171	80	1.63	0	209	157	1017	565
SLU-SIS-07 MAX	129	171	80	1.63	0	209	157	1017	565
SLU-SIS-07 MIN	129	171	80	1.63	0	209	157	1017	565
SLU-SIS-08 MAX	129	171	80	1.63	0	209	157	1017	565
SLU-SIS-08 MIN	129	171	80	1.63	0	209	157	1017	565
SLU-SIS-09 MAX	22	219	8	2.60	64	104	91	3712	2062
SLU-SIS-09 MIN	22	219	8	2.60	64	104	91	3712	2062
SLU-SIS-10 MAX	22	219	8	2.60	64	104	91	3712	2062
SLU-SIS-10 MIN	22	219	8	2.60	64	104	91	3712	2062
SLU-SIS-11 MAX	22	219	8	2.60	64	104	91	3712	2062
SLU-SIS-11 MIN	22	219	8	2.60	64	104	91	3712	2062
SLU-SIS-12 MAX	22	219	8	2.60	64	104	91	3712	2062
SLU-SIS-12 MIN	22	219	8	2.60	64	104	91	3712	2062
SLU-SIS-13 MAX	22	173	8	2.60	47	86	74	3644	2024
SLU-SIS-13 MIN	22	173	8	2.60	47	86	74	3644	2024
SLU-SIS-14 MAX	22	173	8	2.60	47	86	74	3644	2024
SLU-SIS-14 MIN	22	173	8	2.60	47	86	74	3644	2024
SLU-SIS-15 MAX	22	173	8	2.60	47	86	74	3644	2024
SLU-SIS-15 MIN	22	173	8	2.60	47	86	74	3644	2024
SLU-SIS-16 MAX	22	173	8	2.60	47	86	74	3644	2024
SLU-SIS-16 MIN	22	173	8	2.60	47	86	74	3644	2024
SLU-SIS-17 MAX	27	212	27	2.60	57	106	91	3086	1714
SLU-SIS-17 MIN	27	212	27	2.60	57	106	91	3086	1714
SLU-SIS-18 MAX	27	212	27	2.60	57	106	91	3086	1714
SLU-SIS-18 MIN	27	212	27	2.60	57	106	91	3086	1714
SLU-SIS-19 MAX	27	212	27	2.60	57	106	91	3086	1714
SLU-SIS-19 MIN	27	212	27	2.60	57	106	91	3086	1714
SLU-SIS-20 MAX	27	212	27	2.60	57	106	91	3086	1714
SLU-SIS-20 MIN	27	212	27	2.60	57	106	91	3086	1714

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	25	171	24	2.60	43	88	74	2954	1641
SLU-SIS-21 MIN	25	171	24	2.60	43	88	74	2954	1641
SLU-SIS-22 MAX	25	171	24	2.60	43	88	74	2954	1641
SLU-SIS-22 MIN	25	171	24	2.60	43	88	74	2954	1641
SLU-SIS-23 MAX	25	171	24	2.60	43	88	74	2954	1641
SLU-SIS-23 MIN	25	171	24	2.60	43	88	74	2954	1641
SLU-SIS-24 MAX	25	171	24	2.60	43	88	74	2954	1641
SLU-SIS-24 MIN	25	171	24	2.60	43	88	74	2954	1641
SLU-SIS-25 MAX	11	219	10	2.60	75	93	87	3707	2060
SLU-SIS-25 MIN	11	219	10	2.60	75	93	87	3707	2060
SLU-SIS-26 MAX	11	219	10	2.60	75	93	87	3707	2060
SLU-SIS-26 MIN	11	219	10	2.60	75	93	87	3707	2060
SLU-SIS-27 MAX	11	219	10	2.60	75	93	87	3707	2060
SLU-SIS-27 MIN	11	219	10	2.60	75	93	87	3707	2060
SLU-SIS-28 MAX	11	219	10	2.60	75	93	87	3707	2060
SLU-SIS-28 MIN	11	219	10	2.60	75	93	87	3707	2060
SLU-SIS-29 MAX	11	173	11	2.60	56	76	70	3576	1987
SLU-SIS-29 MIN	11	173	11	2.60	56	76	70	3576	1987
SLU-SIS-30 MAX	11	173	11	2.60	56	76	70	3576	1987
SLU-SIS-30 MIN	11	173	11	2.60	56	76	70	3576	1987
SLU-SIS-31 MAX	11	173	11	2.60	56	76	70	3576	1987
SLU-SIS-31 MIN	11	173	11	2.60	56	76	70	3576	1987
SLU-SIS-32 MAX	11	173	11	2.60	56	76	70	3576	1987
SLU-SIS-32 MIN	11	173	11	2.60	56	76	70	3576	1987

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINI PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Rev</i></th> <th style="text-align: left;"><i>Data</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">F0</td> <td style="text-align: center;">20/06/2011</td> </tr> </tbody> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
<i>Rev</i>	<i>Data</i>						
F0	20/06/2011						

9 ANALISI MURO DI SOSTEGNO

9.1 ANALISI DEI CARICHI

9.1.1 PESO PROPRIO

Il peso proprio del muro in c.a. è valutato in ragione di 25.0 kN/m³.

Il muro oggetto di verifica ha la seguente geometria di calcolo: fondazione di lunghezza pari a 480 cm e spessore pari a 70 cm; elevazione (unica risega) di altezza pari a 550 cm e spessore di 60 cm.

9.1.2 SPINTA DELLE TERRE

Le spinte del terreno sono valutate in base alle caratteristiche geotecniche del terreno desunte dalla relazione geotecnica. Il valore di spinta sulla struttura è calcolato secondo la seguente formula:

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

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



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

dove:

γ_k	= 20.00 kN/m ³	peso caratteristico terreno per unità di volume
γ_d	= 20.00 kN/m ³	peso di progetto terreno per unità di volume
ϕ_k	= 38.00 °	angolo di attrito interno caratteristico del terreno
ϕ_d	= 32.01 °	angolo di attrito interno di progetto del terreno
k_a	= 0.22 -	coefficiente di spinta attiva secondo Rankine
k_{ad}	= 0.28 -	coefficiente di spinta attiva secondo Rankine
H	= 6.20	altezza di spinta (in m)

9.1.3 SOVRACCARICO ACCIDENTALE

In accordo con i carichi adottati per il calcolo del tombino si adotta un sovraccarico accidentale pari a 44.59 kN/m².

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

9.1.4 AZIONE DEL VENTO



In accordo con le relazioni di calcolo delle barriere fonoassorbenti, si adotta una pressione pari a 1.46 kN/m^2 . La barriera in testa muro ha un'altezza pari a 4.00 m, la superficie esposta al vento è pari a 4.60 m. La forza a metro corrisponde a 6.72 kN/m ed ha un braccio rispetto a testa muro di 2.30 m.

9.2 COMBINAZIONI DI CARICO

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	Azione del vento	Azioni sismiche
Combinazioni per verifiche geotecniche (GEO)	SLU_GEO-1	1.00	1.00	1.00	0.00	1.00	1.00	1.30	0.78	0.00
	SLU_GEO-2	1.00	1.00	1.00	1.30	1.00	1.00	1.30	0.78	0.00
	SLU_EQU	0.90	0.90	0.90	0.00	1.10	1.10	1.50	0.90	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	0.90	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	0.20	0.00
	SLE_CAR	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.60	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.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
		ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0



9.3 VERIFICHE GEOTECNICHE

9.3.1 SOLLECITAZIONI A LIVELLO INTRADOSSO FONDAZIONE

La tabella seguente riporta le sollecitazioni agenti sul muro, indicando i relativi bracci rispetto al baricentro della faccia d'intradosso della ciabatta di fondazione (b_M) e rispetto all'estremità più a valle della ciabatta di fondazione (b_O).

Azioni sollecitanti a base fondazione del concio	N [kN]	V [kN]	$b_{\text{oriz,(O)}}$ [m]	$b_{\text{oriz,(M)}}$ [m]	b_{vert} [m]
Peso proprio elevazione	825.00		0.60	1.80	
Peso proprio ciabatta di fondazione	840.00		2.40	0.00	
Peso del terreno da rilevato su ciabatta posteriore	4290.00		2.85	-0.45	
Peso dei sovraccarichi permanenti su ciabatta posteriore	0.00		0.15	2.25	
Spinte del terreno da rilevato a monte	448.12	957.51	4.80	-2.40	2.07
Spinte del terreno dovute a sovraccarichi permanenti	0.00	0.00	4.80	-2.40	3.10
Spinte del terreno dovute a sovraccarichi accidentali	322.29	688.64	4.80	-2.40	3.10
Azione del vento		67.20			8.50
Incres. sismico peso proprio elevazione (SLV)	57.35	114.70	0.60	1.80	3.45
Incres. sismico peso proprio ciabatta di fondazione (SLV)	58.39	116.79	2.40	0.00	0.35
Incres. sismico terreno da rilevato su ciabatta posteriore (SLV)	298.23	596.46	2.85	-0.45	3.45
Incres. sismico sovraccarichi perm. su ciabatta posteriore (SLV)	0.00	0.00	2.85	-0.45	0.70
Spinte sismiche del terreno da rilevato a monte (SLV)	622.82	1330.79	4.80	-2.40	2.07
Spinte sismiche del terreno dovute a sovraccarichi perm. (SLV)	0.00	0.00	4.80	-2.40	3.10

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).

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

9.3.2 VERIFICHE A RIBALTAMENTO

Si valuta il valore del momento stabilizzante e del momento ribaltante e si verifica che il rapporto tra i due sia maggiore di $\gamma_R = 1.0$ 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. 9.2);
 N_i = forza verticale (vedi paragrafo 9.3.1);
 $b_{i-ORIZ(O)}$ = braccio della forza verticale rispetto al centro di rotazione (vedi par. 9.3.1);
 β_i = coefficiente di combinazione della forza V_i (vedi par. 9.2);
 V_i = forza orizzontale (vedi par. 9.3.1);
 b_{i-vert} = braccio della forza orizzontale rispetto al centro di rotazione (vedi par. 9.3.1).

Verifiche a ribaltamento		Comb. SLU_EQU	Comb. SLU_SISM
Momento stabilizzante totale	[kNm]	13264	13713
Momento ribaltante totale	[kNm]	1206	5245
Coefficiente di sicurezza al ribaltamento	[-]	10.99	2.61


9.3.3 VERIFICHE A SCIVOLAMENTO

Si valuta il valore delle forze verticali (contributi resistenti) e delle forze orizzontali (forze di scorrimento) e si verifica che il rapporto tra le due sia maggiore di $\gamma_R = 1.0$ 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. 9.2);
 N_i = forza verticale (vedi par. 9.3.1);
 β_i = coefficiente di combinazione della forza V_i (vedi par. 9.2);
 V_i = forza orizzontale (vedi par. 9.3.1).

Verifiche a scivolamento		Comb. SLU_GEO-1	Comb. SLU_SISM
Forza di attrito totale	[kN/m]	3573	3325
Forza di scorrimento totale	[kN/m]	1905	2159
Coefficiente di sicurezza allo scivolamento	[-]	1.88	1.54

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Rev</i></th> <th style="text-align: left;"><i>Data</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">F0</td> <td style="text-align: center;">20/06/2011</td> </tr> </tbody> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
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9.3.4 VERIFICHE DI CAPACITÀ PORTANTE DELLA FONDAZIONE

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

La portata limite unitaria è pertanto fornita dalla seguente espressione:

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

- 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:*

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

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

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><i>Rev</i></td> <td style="width: 50%;"><i>Data</i></td> </tr> <tr> <td style="text-align: center;">F0</td> <td style="text-align: center;">20/06/2011</td> </tr> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
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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:*

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

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

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

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:*

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

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

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

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;

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

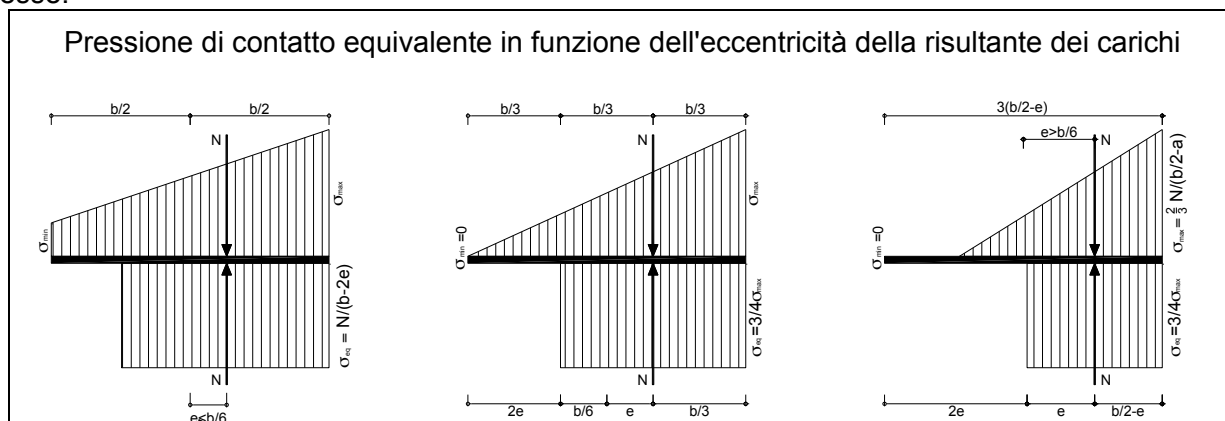
- H = azione parallela al piano di posa sulla fondazione;
- N_c = coefficiente di capacità portante (definito in precedenza);
- d_q = coefficiente dipendente dalla profondità del piano di posa (definito in precedenza).

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.



Si riporta di seguito la tabella riassuntiva delle verifiche per le 4 combinazioni di carico analizzate.



		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
		ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	Codice documento CS0573_F0.doc	Rev F0

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]	6835	6835	5517	4830
	N [kN]	5955	5955	5955	5541
	H [kN]	1905	1905	1646	2159
	e [m]	1.15	1.15	0.93	0.87
Caratteristiche geometriche della fondazione	B _R [m]	4.80	4.80	4.80	4.80
	B [m]	2.50	2.50	2.95	3.06
	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]	21.00	21.00	21.00	21.00
	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]	292.27	292.27	418.25	272.47
	q _{LIM-coes.} [kN/m ²]	0.00	0.00	0.00	0.00
	q _{LIM-car.lat.} [kN/m ²]	438.19	438.19	490.18	363.35
	q _{LIM} [kN/m ²]	730.46	730.46	908.43	635.82
	F _s [-]	1.00	1.00	1.00	1.00
	q _d [kN/m ²]	730.46	730.46	908.43	635.82
Sforzi sul terreno di fondazione	σ _{max} [kN/m ²]	317.04	317.04	269.42	241.71
	σ _{min} [kN/m ²]	0.00	0.00	0.00	0.00
	L _{reag} [m]	3.76	3.76	4.42	4.58
	σ _{eq} [kN/m ²]	237.78	237.78	202.07	181.28

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.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

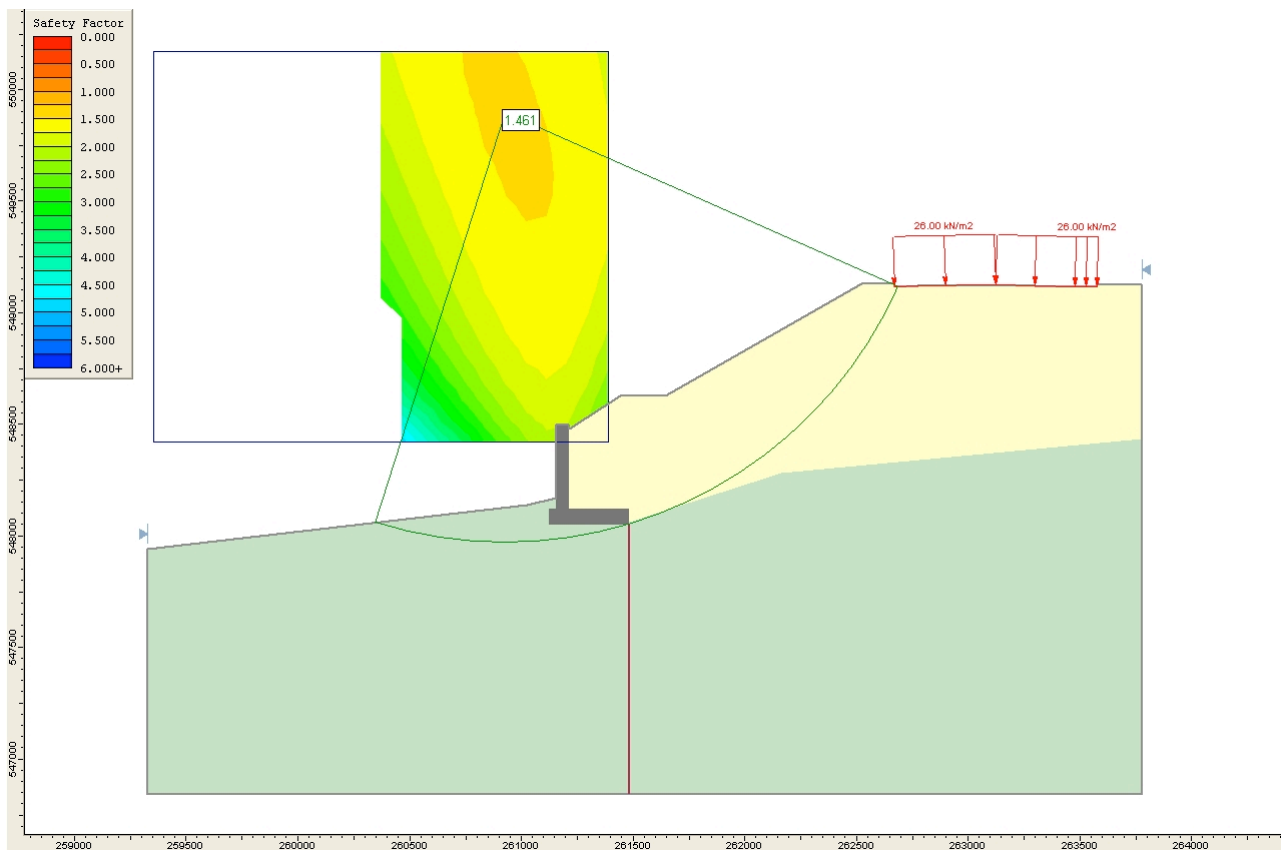
9.3.5 VERIFICHE DI STABILITÀ GLOBALE MURO-TERRENO

Al fine di valutare le condizioni di stabilità globale del versante in cui si inserisce l'opera in progetto sono state condotte analisi di stabilità all'equilibrio limite con il metodo di Bishop basato sull'equilibrio dei momenti e delle forze verticali con risultante delle forze tra i conci contigui assunta orizzontale.

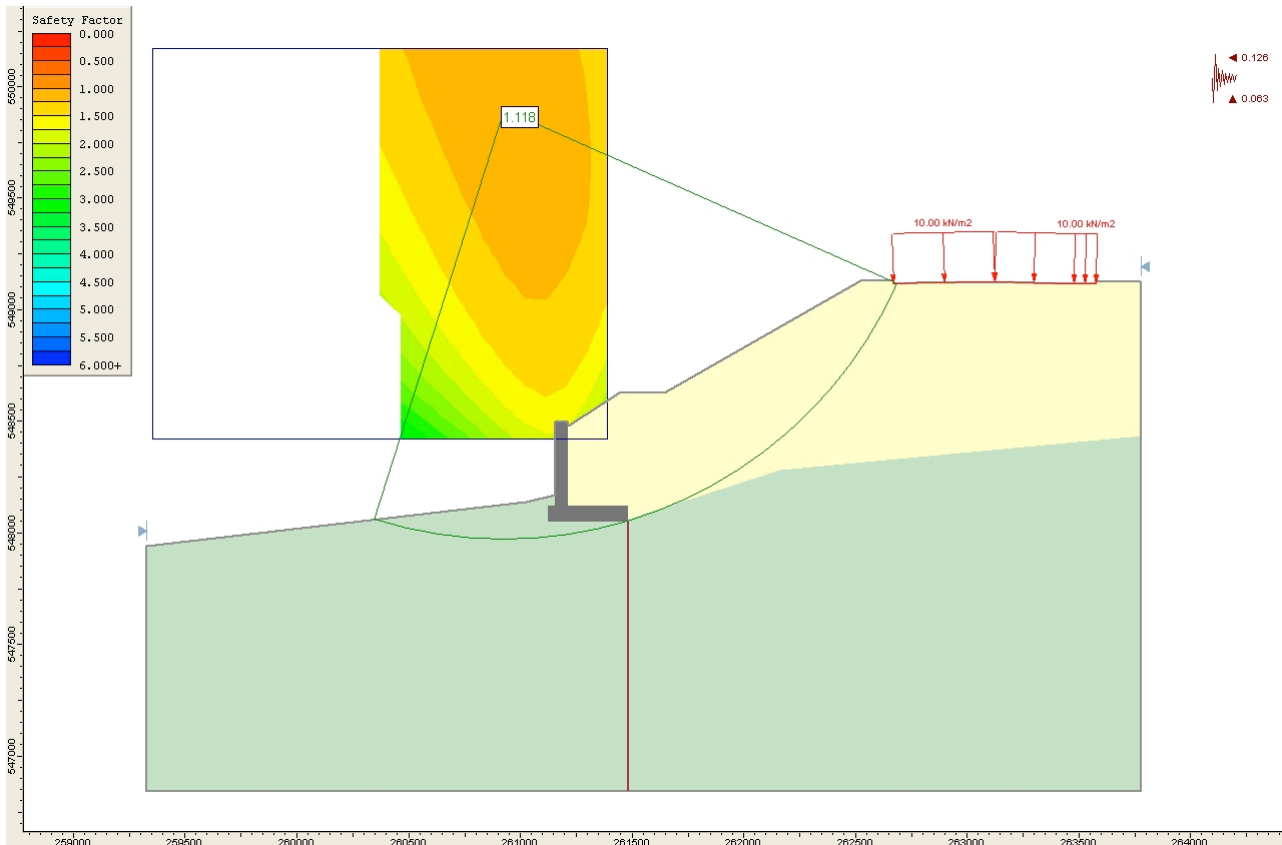
Le analisi di stabilità sono state condotte sia in condizioni statiche sia in condizioni sismiche facendo riferimento alle indicazioni riportate in precedenza; in particolare si assume:

$$\gamma_r \geq 1.1$$

Il sisma è stato rappresentato da un'accelerazione orizzontale e una verticale nelle due direzioni possibili. Nel seguito però sono riportati solo i risultati del caso più gravoso.





Analisi di stabilità caso statico: FS=1.461



Analisi di stabilità caso sismico: FS=1.118

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).

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

9.4 VERIFICHE DELL'ELEVAZIONE



9.4.1 RIEPILOGO DELLE SOLLECITAZIONI DI VERIFICA

Nelle seguenti tabelle vengono riportate le sollecitazioni più gravose (con il sovraccarico accidentale) utilizzate per le verifiche sezionali dell'elevazione che corrispondono al caso con sovraccarico accidentale.

Azioni a base risega	N [kN/m]	V [kN/m]	b _{horiz} [m]	b _{vert} [m]
Peso proprio elevazione	82.50		0.00	
Spinte del terreno da rilevato a monte	27.79	59.38	-0.30	1.83
Spinte del terreno dovute a sovraccarichi permanenti	0.00	0.00	-0.30	2.75
Spinte del terreno dovute a sovraccarichi accidentali	22.53	48.14	-0.30	2.75
Azione del vento		6.72		7.80
Increm. sismico peso proprio elevazione (SLD)	1.56	3.12	0.00	2.75
Spinte sismiche terreno da rilevato a monte (SLD)	30.46	65.08	-0.30	1.83
Spinte sismiche terreno dovute a sovracc. perm. (SLD)	0.00	0.00	-0.30	2.75
Increm. sismico peso proprio elevazione (SLV)	5.74	11.47	0.00	2.75
Spinte sism. terreno da rilevato a monte (SLV)	39.57	84.55	-0.30	1.83
Spinte sism. terreno dovute a sovracc. perm. (SLV)	0.00	0.00	-0.30	2.75

	N [kN/m]	V [kN/m]	M [kNm/m]
SLU_STR	83	155	366
SLU_SISM	77	155	275
SLE_QP	83	59	101
SLE_FR	83	94	199
SLE_CAR	83	112	258
SLE_SISM	81	68	119

(nella tabella precedente N positiva se di compressione).

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Rev</th> <th style="text-align: left;">Data</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">F0</td> <td style="text-align: left;">20/06/2011</td> </tr> </tbody> </table>	Rev	Data	F0	20/06/2011
Rev	Data						
F0	20/06/2011						

9.4.2 VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

Le condizioni di carico "1" e "2" sono utilizzate per le verifiche agli SLE (limitazione delle tensioni di trazione nell'acciaio e di compressione nel calcestruzzo); la condizioni di carico "2" anche relative alle verifiche a fessurazione.

Si adotta l'armatura seguente:

- Intradosso (lato terreno): \varnothing 14/20 (ripartitori esterni: \varnothing 10/20)
- Estradosso: \varnothing 20/10 (ripartitori esterni: \varnothing 10/10)

Il copriferro netto è pari a 4 cm.

Sezione descritta con il metodo dei trapezi elementari

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

b1 100.0
 h2 60.0 b3 100.0

Descrizione dell'armatura normale

10 \varnothing 20 mm posizionati a 6.0 cm da intradosso
 5 \varnothing 14 mm posizionati a 54.3 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 = 258.0(KN.m)
 Sforzo normale = -83.0(KN)

Compressione massima nel calcestruzzo = -5.69(N/mm²)
 Trazione massima nell'acciaio = 158.80(N/mm²)
 Distanza asse neutro da lembo compresso = 18.9 (cm)
 Braccio di leva interno = 48.0 (cm)


Condizione di carico 2

Momento = 199.0(KN.m)
 Sforzo normale = -83.0(KN)

Compressione massima nel calcestruzzo = -4.41(N/mm²)
 Trazione massima nell'acciaio = 119.78(N/mm²)
 Distanza asse neutro da lembo compresso = 19.2 (cm)
 Braccio di leva interno = 47.9 (cm)

Condizione di carico 3

Momento = 101.0(KN.m)
 Sforzo normale = -83.0(KN)

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Rev</i></th> <th style="text-align: left;"><i>Data</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">F0</td> <td style="text-align: left;">20/06/2011</td> </tr> </tbody> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
<i>Rev</i>	<i>Data</i>						
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Compressione massima nel calcestruzzo = -2.29 (N/mm²)
Trazione massima nell'acciaio = 55.10 (N/mm²)
Distanza asse neutro da lembo compresso = 20.7 (cm)
Braccio di leva interno = 47.3 (cm)

Condizione di carico 4

Momento = 119.0 (KN.m)
Sforzo normale = -81.0 (KN)

Compressione massima nel calcestruzzo = -2.67 (N/mm²)
Trazione massima nell'acciaio = 67.35 (N/mm²)
Distanza asse neutro da lembo compresso = 20.2 (cm)
Braccio di leva interno = 47.5 (cm)

I valori di tensione nei materiali sono inferiori ai limiti di normativa.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	Rev F0	Data 20/06/2011

9.4.3 VERIFICHE AGLI STATI LIMITE DI FESSURAZIONE

CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

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

b1 100.0
 h2 60.0 b3 100.0

Descrizione dell'armatura normale

10 ø20 mm posizionati a 6.0 cm da intradosso
 5 ø14 mm posizionati a 54.3 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 = 10.0 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 ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 205.77 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = 244.96 (KN.m)

Il momento di prima fessurazione è maggiore rispetto al momento sollecitante per la combinazione in esame: dunque il calcolo dell'ampiezza teorica di fessurazione perde di significato.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Rev</td> <td style="width: 50%;">Data</td> </tr> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </table>	Rev	Data	F0	20/06/2011
Rev	Data						
F0	20/06/2011						

9.4.4 VERIFICHE ALLO STATO LIMITE ULTIMO PER FLESSIONE

METODO SEMIPROBABILISTICO - VERIFICA A ROTTURA

Sezione descritta con il metodo dei trapezi elementari

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

b1 100.0
 h2 60.0 b3 100.0

Descrizione dell'armatura normale

10 ø20 mm posizionati a 6.0 cm da intradosso
 5 ø14 mm posizionati a 54.3 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} = 35.00(N/mm²)
 Soglia di snervamento acciaio normale: F_{yk} = 440.00(N/mm²)

Ipotesi di calcolo

Legge costitutiva del calcestruzzo : Parabola Rettangolo
 Accorciamento ultimo a flessione = 0.3500 %
 Accorciamento ultimo a compress. = 0.2000 %
 Legge costitutiva dell'acciaio normale : Bilineare
 Allungamento ultimo acciaio normale = 0.675 %
 Coefficiente di sicurezza calcestruzzo : γ_c = 1.500
 Coefficiente di sicurezza acciaio : γ_s = 1.150
 Termine di lunga durata : F₁ = 0.850
 Rapporto R_{cy1}/R_{cubo}: F₂ = 0.830
 Resistenza di progetto calcestruzzo : F₁·F₂·R_{cubo}/γ_c = 0.47R_{cubo}
 Resistenza di progetto dell'acciaio : F_{sd} = F_{yk}/γ_s = 0.87F_{yk}

Resistenze di progetto

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

Convenzioni di segno



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

Condizione di carico 1

Momento di Progetto M_d = 366.0(KN.m)
 Sforzo di Progetto N_d = -83.0(KN)

Distanza asse neutro da lembo compresso = 10.5 (cm)
 Momento di Rottura M_r = 622.8(KN.m)
 Sforzo di Rottura N_r = -83.1(KN)
 Rottura nel Dominio 2
 Rapporto M_r/M_d = 1.702



Condizione di carico 2

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
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Momento di Progetto M_d = 275.0(KN.m)
Sforzo di Progetto N_d = -77.0(KN)

Distanza asse neutro da lembo compresso = 10.4 (cm)
Momento di Rottura M_r = 621.3(KN.m)
Sforzo di Rottura N_r = -77.0(KN)
Rottura nel Dominio 2
Rapporto M_r/M_d = 2.259

La verifica risulta soddisfatta in quanto, per tutte le combinazioni di carico esaminate, il coefficiente di sicurezza è superiore a uno.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

9.4.5 VERIFICHE ALLO STATO LIMITE ULTIMO PER TAGLIO

Si riportano le verifiche a taglio secondo quanto riportato in D.M. 14/01/2008 § 4.1.2.1.3.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	R_{ck}	=	40	N/mm ²
Resistenza caratteristica a compressione cilindrica cls	f_{ck}	=	33	N/mm ²
Resistenza di calcolo a compressione 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}	=	155.00	kN
Valore di calcolo della forza assiale associata a V_{Ed}	$N(V_{Ed})$	=	83.00	kN
Valore di calcolo del momento flettente associato a V_{Ed}	$M(V_{Ed})$	=	366.00	kNm

Caratteristiche geometriche della sezione:

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



Armatura della sezione in zona tesa:

Diametro ferri longitudinali	\varnothing	=	20	mm
Numero tondini longitudinali utilizzati	n	=	10	--
Area totale di armatura longitudinale in zona tesa	A_{sI}	=	3140	mm ²
Rapporto geometrico dell'armatura longitudinale (≤ 0.02)	ρ_I	=	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	v_{min}	=	0.41	N/mm ²
Tensione media di compressione nella sezione ($\leq 0.2 \times f_{cd}$)	σ_{cp}	=	0.15	N/mm ²
Resistenza ultima a taglio minima	$V_{Rd,mi}$	=	235.51	kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	V_{Rd}	=	292.82	kN

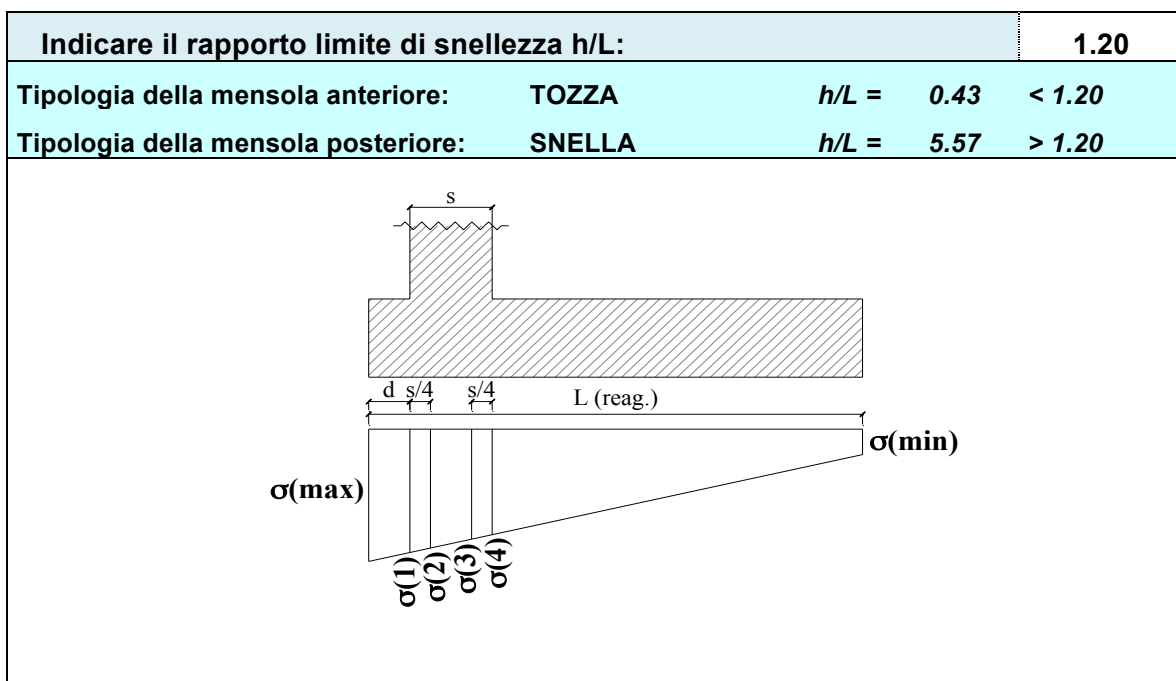
Dato che la verifica risulta soddisfatta non occorre disporre un'apposita armatura resistente a



		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

taglio.

9.5 VERIFICHE DELLA FONDAZIONE

Considerando la geometria della ciabatta di fondazione, come indicato nella sottostante figura, si analizza la mensola a monte come una mensola snella e la mensola a valle come una mensola tozza.





		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
		ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0

9.5.1 RIEPILOGO DELLE SOLLECITAZIONI DI VERIFICA MENSOLA SNELLA

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

Azioni a base fondazione (punto M)	N [kN/m]	V [kN/m]	b _{oriz} [m]	b _{vert} [m]
Peso proprio elevazione	82.50		1.80	
Peso proprio ciabatta di fondazione	84.00		0.00	
Peso del terreno da rilevato su ciabatta posteriore	429.00		-0.45	
Peso dei sovraccarichi permanenti su ciabatta posteriore	0.00		-0.45	
Spinte del terreno da rilevato a monte	35.52	75.46	-2.40	2.07
Spinte del terreno dovute a sovraccarichi permanenti	0.00	0.00	-2.40	3.10
Spinte del terreno dovute a sovraccarichi accidentali	25.40	54.27	-2.40	3.10
Incres. sismico peso proprio elevazione (SLV)	5.74	11.47	1.80	3.45
Incres. sismico peso proprio ciabatta di fondazione (SLV)	5.84	11.68	0.00	0.35
Incres. sismico terreno da rilevato su ciabatta posteriore (SLV)	29.82	59.65	-0.45	3.45
Incres. sismico sovraccarichi perm. su ciabatta posteriore (SLV)	0.00	0.00	-0.45	0.70
Spinte sismiche del terreno da rilevato a monte (SLV)	50.28	107.44	-2.40	2.07
Spinte sismiche del terreno dovute a sovraccarichi perm. (SLV)	0.00	0.00	-2.40	3.10
Incres. sismico peso proprio elevazione (SLD)	1.56	3.12	1.80	3.45
Incres. sismico peso proprio ciabatta di fondazione (SLD)	1.59	3.18	0.00	0.35
Incres. sismico terreno da rilevato su ciabatta posteriore (SLD)	8.11	16.22	-0.45	3.45
Incres. sismico terreno da rilevato su ciabatta anteriore (SLD)	0.00		2.25	
Incres. sismico sovraccarichi perm. su ciabatta posteriore (SLD)	0.00	0.00	-0.45	0.70
Spinte sismiche del terreno da rilevato a monte (SLD)	38.71	82.70	-2.40	2.07
Spinte sismiche del terreno dovute a sovraccarichi perm. (SLD)	0.00	0.00	-2.40	3.10

Azioni mensola snella	AZIONI PER VERIFICHE	
	V [kN/m]	M [kNm/m]
Combinazione di carico SLU_STR	5	-129
Combinazione di carico SLU_SISM	-130	-455
Combinazione di carico SLE_QP	10	6
Combinazione di carico SLE_FR	8	-45
Combinazione di carico SLE_CAR	4	-83
Combinazione di carico SLE_SISM	-73	-196

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	Rev F0	Data 20/06/2011

9.5.2 VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

Per la mensola snella si adotta la seguente armatura:

- Intradosso fondazione: \varnothing 14/20 (ripartitori esterni: \varnothing 10/20)
- Estradosso fondazione: \varnothing 20/10 (ripartitori esterni: \varnothing 10/10)

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 "2" sono anche relative alle verifiche a fessurazione.

Sezione descritta con il metodo dei trapezi elementari

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

b1 100.0
 h2 70.0 b3 100.0

Descrizione dell'armatura normale

5 \varnothing 14 mm posizionati a 5.3 cm da intradosso
 10 \varnothing 20 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 = -83.0(KN.m)
 Sforzo normale = 0.0(KN)

Compressione massima nel calcestruzzo = -1.35(N/mm²)
 Trazione massima nell'acciaio = 45.91(N/mm²)
 Distanza asse neutro da lembo compresso = 19.6 (cm)
 Braccio di leva interno = 57.6 (cm)



Condizione di carico 2

Momento = -45.0(KN.m)
 Sforzo normale = 0.0(KN)

Compressione massima nel calcestruzzo = -0.73(N/mm²)
 Trazione massima nell'acciaio = 24.89(N/mm²)
 Distanza asse neutro da lembo compresso = 19.6 (cm)
 Braccio di leva interno = 57.6 (cm)

Condizione di carico 3

Momento = 6.0(KN.m)
 Sforzo normale = 0.0(KN)

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011



Compressione massima nel calcestruzzo = -0.15 (N/mm²)
Trazione massima nell'acciaio = 12.83 (N/mm²)
Distanza asse neutro da lembo compresso = 9.6 (cm)
Braccio di leva interno = 60.7 (cm)

Condizione di carico 4

Momento = -196.0 (KN.m)
Sforzo normale = 0.0 (KN)

Compressione massima nel calcestruzzo = -3.19 (N/mm²)
Trazione massima nell'acciaio = 108.41 (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.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

9.5.3 VERIFICHE AGLI STATI LIMITE DI FESSURAZIONE

CALCOLO AMPIEZZA TEORICA DELLE FESSURE

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari - 3 Parametri geometrici -
Unità 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'intradosso della sezione

Copriferro minimo di norma = 2.5 cm

Copriferro effettivo sezione = 4.6 cm

Interferro = 10.0 cm

Diametro massimo barre = 14.0 (mm)



Rapporto sforzo normale/momento = 0.0 cm⁻¹

Trazione calcestruzzo di fessurazione (f_{ctm}) = 26.0 kg/cm²

Momento di prima fessurazione ($\sigma = 0.7 \cdot 1.2 \cdot f_{ctm}$) = 200.78 (KN.m)

Momento di fessurazione ($\sigma = f_{ctm}$) = 239.02 (KN.m)

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

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		Codice documento CS0573_F0.doc	<table border="1" style="width: 100%;"> <tr> <th style="text-align: left;">Rev</th> <th style="text-align: left;">Data</th> </tr> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </table>	Rev	Data	F0	20/06/2011
Rev	Data						
F0	20/06/2011						

9.5.4 VERIFICHE ALLO STATO LIMITE ULTIMO PER FLESSIONE

METODO SEMIPROBABILISTICO - VERIFICA A ROTTURA

Sezione descritta con il metodo dei trapezi elementari

1 Trapezi elementari - 3 Parametri geometrici -
 Unità 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} = 25.00 (N/mm²)
 Soglia di snervamento acciaio normale: F_{yk} = 440.00 (N/mm²)

Ipotesi di calcolo

Legge costitutiva del calcestruzzo : Parabola Rettangolo
 Accorciamento ultimo a flessione = 0.3500 %
 Accorciamento ultimo a compress. = 0.2000 %
 Legge costitutiva dell'acciaio normale : Bilineare
 Allungamento ultimo acciaio normale = 0.675 %
 Coefficiente di sicurezza calcestruzzo : γ_c = 1.500
 Coefficiente di sicurezza acciaio : γ_s = 1.150
 Termine di lunga durata : F₁ = 0.850
 Rapporto R_{cy1}/R_{cubo}: F₂ = 0.830
 Resistenza di progetto calcestruzzo : F₁·F₂·R_{cubo}/γ_c = 0.47R_{cubo}
 Resistenza di progetto dell'acciaio : F_{sd} = F_{yk}/γ_s = 0.87F_{yk}

Resistenze di progetto

Calcestruzzo = 14.11 (N/mm²)
 Acciaio normale = 382.61 (N/mm²)

Convenzioni di segno

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



Condizione di carico 1

Momento di Progetto M_d = -129.0 (KN.m)
 Sforzo di Progetto N_d = 0.0 (KN)

Distanza asse neutro da lembo compresso = 12.5 (cm)
 Momento di Rottura M_r = -713.9 (KN.m)
 Sforzo di Rottura N_r = -1.9 (KN)
 Rottura nel Dominio 2
 Rapporto M_r/M_d = 5.534

Condizione di carico 2

Momento di Progetto M_d = -455.0 (KN.m)

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Sforzo di Progetto $N_d = 0.0(KN)$

Distanza asse neutro da lembo compresso = 12.5 (cm)


Momento di Rottura $M_r = -713.9(KN.m)$

Sforzo di Rottura $N_r = -1.9(KN)$

Rottura nel Dominio 2

Rapporto $M_r/M_d = 1.569$

La verifica risulta soddisfatta in quanto, per tutte le combinazioni di carico esaminate, il coefficiente di sicurezza è superiore a uno.

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9.5.5 VERIFICHE ALLO STATO LIMITE ULTIMO PER TAGLIO

Si riportano le verifiche a taglio secondo quanto riportato in D.M. 14/01/2008 § 4.1.2.1.3.

Caratteristiche dei materiali:

Resistenza caratteristica a compressione cubica cls	$R_{ck} = 30$ N/mm ²
Resistenza caratteristica a compressione cilindrica cls	$f_{ck} = 25.00$ N/mm ²
Resistenza di calcolo a compressione 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	$V_{Ed} = 130.00$ 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	$d = 643$ 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)	$\rho_l = 0.0049$ --

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 ($\leq 0.2 \times f_{cd}$)	$\sigma_{cp} = 0.00$ N/mm ²
Resistenza ultima a taglio minima	$V_{Rd,mi} = 218.33$ kN
Resistenza ultima a taglio ($V_{Rd} \geq V_{Rd,min}$)	$V_{Rd} = 276.39$ kN

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

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taglio.

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9.6 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	91.35	0.23	34.91	4.54
Combinazione di carico SLU_SISM	90.30	0.23	34.67	4.50

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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10 TABULATI INPUT SAP2000

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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 XXYZCoord=-1 LineType=Primary LineColor=Gray4
 Visible=Yes BubbleLoc=End AllVisible=No BubbleSize=0
 CoordSys=GLOBAL AxisDir=X XXYZCoord=3.3 LineType=Primary LineColor=Gray4
 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Y XXYZCoord=0 LineType=Primary LineColor=Gray4
 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Z XXYZCoord=-1.2 LineType=Primary LineColor=Gray4
 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Z XXYZCoord=3.35 LineType=Primary LineColor=Gray4
 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"

Link=TERR_NL DOF=U1 Fixed=No NonLinear=Yes TransKE=0 TransCE=0 Point=1
 Force=-16727 Displ=-10
 Link=TERR_NL DOF=U1 Point=2 Force=-16727 Displ=-1
 Link=TERR_NL DOF=U1 Point=3 Force=0 Displ=0
 Link=TERR_NL DOF=U1 Point=4 Force=0 Displ=10

TABLE: "LOAD PATTERN DEFINITIONS"

LoadPat=PROPRI DesignType=DEAD SelfWtMult=1
 LoadPat=PERSUP DesignType=DEAD SelfWtMult=0
 LoadPat=PERINF DesignType=DEAD SelfWtMult=0
 LoadPat=SPT-SX DesignType=DEAD SelfWtMult=0
 LoadPat=SPTKa-SX DesignType=DEAD SelfWtMult=0
 LoadPat=SPTd-SX DesignType=DEAD SelfWtMult=0
 LoadPat=SPTKad-SX DesignType=DEAD SelfWtMult=0
 LoadPat=SPT-DX DesignType=DEAD SelfWtMult=0
 LoadPat=SPTKa-DX DesignType=DEAD SelfWtMult=0
 LoadPat=SPTd-DX DesignType=DEAD SelfWtMult=0
 LoadPat=SPTKad-DX DesignType=DEAD SelfWtMult=0
 LoadPat=SPW-SX DesignType=DEAD SelfWtMult=0

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LoadPat=SPW-DX      DesignType=DEAD      SelfWtMult=0
LoadPat=IDRO        DesignType=DEAD      SelfWtMult=0
LoadPat=ACCINF      DesignType=DEAD      SelfWtMult=0
LoadPat=ACCSUP      DesignType=DEAD      SelfWtMult=0
LoadPat=FREN        DesignType=DEAD      SelfWtMult=0
LoadPat=SPA-SX      DesignType=DEAD      SelfWtMult=0
LoadPat=SPAKa-SX    DesignType=DEAD      SelfWtMult=0
LoadPat=SPAd-SX     DesignType=DEAD      SelfWtMult=0
LoadPat=SPAKad-SX   DesignType=DEAD      SelfWtMult=0
LoadPat=SPA-DX      DesignType=DEAD      SelfWtMult=0
LoadPat=SPAKa-DX    DesignType=DEAD      SelfWtMult=0
LoadPat=SPAd-DX     DesignType=DEAD      SelfWtMult=0
LoadPat=SPAKad-DX   DesignType=DEAD      SelfWtMult=0
LoadPat=TEMPUNI     DesignType=DEAD      SelfWtMult=0
LoadPat=TEMPVAR     DesignType=DEAD      SelfWtMult=0
LoadPat=G1-SLD-X    DesignType=DEAD      SelfWtMult=0
LoadPat=G1-SLD-Z    DesignType=DEAD      SelfWtMult=0
LoadPat=G3-SLD-X    DesignType=DEAD      SelfWtMult=0
LoadPat=G3-SLD-Z    DesignType=DEAD      SelfWtMult=0
LoadPat=G1-SLV-X    DesignType=DEAD      SelfWtMult=0
LoadPat=G1d-SLV-X   DesignType=DEAD      SelfWtMult=0
LoadPat=G1-SLV-Z    DesignType=DEAD      SelfWtMult=0
LoadPat=G3-SLV-X    DesignType=DEAD      SelfWtMult=0
LoadPat=G3-SLV-Z    DesignType=DEAD      SelfWtMult=0
    
```

TABLE: "LOAD CASE DEFINITIONS"

Case=SLE-QP-01	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-02	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-03	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-04	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-05	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-06	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-07	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-08	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-09	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-10	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-11	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-12	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-13	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-14	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-15	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-16	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-17	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-18	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-19	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "
Case=SLE-QP-20	Type=NonStatic	InitialCond=Zero	DesTypeOpt="Prog	Det "
DesignType=DEAD	AutoType=None	RunCase=Yes	CaseStatus="Not	Run "

Case=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

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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

<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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
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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
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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
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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
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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
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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
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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
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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
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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
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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
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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
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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
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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

<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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Case=SLE-CAR-012	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
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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
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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
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Case=SLE-CAR-013	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
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Case=SLE-CAR-013	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.75
Case=SLE-CAR-013	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.75
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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
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Case=SLE-CAR-016	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLE-CAR-016	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
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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

<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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Case=SLE-CAR-017	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
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Case=SLE-CAR-018	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
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Case=SLE-CAR-022	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.75
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Case=SLE-CAR-022	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
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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
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Case=SLE-CAR-023	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.75
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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=IDRO	LoadSF=1
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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
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Case=SLE-CAR-025	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLE-CAR-025	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
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Case=SLE-CAR-026	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=SLE-CAR-026	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
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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
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Case=SLE-CAR-027	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=SLE-CAR-027	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
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Case=SLE-CAR-027	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
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Case=SLE-CAR-027	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
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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
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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
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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
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Case=SLE-CAR-030	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLE-CAR-030	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
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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
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Case=SLE-CAR-031	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLE-CAR-031	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
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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
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Case=SLE-CAR-032	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLE-CAR-032	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
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Case=SLE-CAR-032	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
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Case=SLE-CAR-033	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
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Case=SLE-CAR-034	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
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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
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Case=SLE-CAR-036	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
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Case=SLE-CAR-036	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.75
Case=SLE-CAR-036	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.75
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Case=SLE-CAR-036	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.375
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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
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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
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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
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Case=SLE-CAR-039	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLE-CAR-039	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
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Case=SLE-CAR-039	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.75
Case=SLE-CAR-039	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.75
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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
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Case=SLE-CAR-040	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.75
Case=SLE-CAR-040	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.375
Case=SLE-CAR-040	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
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Case=SLE-CAR-041	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
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Case=SLE-CAR-045	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1

<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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Case=SLE-CAR-052	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
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Case=SLE-CAR-052	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLE-CAR-052	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
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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
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Case=SLE-CAR-054	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
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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=IDRO	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=IDRO	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=IDRO	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

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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=IDRO	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=IDRO	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=IDRO	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=IDRO	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=IDRO	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

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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

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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

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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=IDRO	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=IDRO	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=IDRO	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=IDRO	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=IDRO	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=SPAKa-DX	LoadSF=.375
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=IDRO	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=IDRO	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

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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=IDRO	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

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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=IDRO	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=IDRO	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=IDRO	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=IDRO	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=IDRO	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

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Case=SLE-CAR-110	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLE-CAR-110	LoadType="Load pattern"	LoadName=IDRO	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=IDRO	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=IDRO	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

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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

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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=ACCSUP	LoadSF=1
Case=SLE-CAR-120	LoadType="Load pattern"	LoadName=ACCINP	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=IDRO	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=IDRO	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=IDRO	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=IDRO	LoadSF=1
Case=SLE-CAR-124	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1
Case=SLE-CAR-124	LoadType="Load pattern"	LoadName=FREN	LoadSF=1

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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=IDRO	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=IDRO	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=IDRO	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
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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=IDRO	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
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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
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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

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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=IDRO	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=IDRO	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=IDRO	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=IDRO	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=IDRO	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=SPAKa-DX	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=IDRO	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=SPAKa-DX	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=IDRO	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=SPAKa-DX	LoadSF=1

<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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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=IDRO	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=SPAKa-DX	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
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Case=SLE-CAR-145	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1
Case=SLE-CAR-145	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1
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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
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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
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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=SPAKa-DX	LoadSF=.5
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=SPAKa-DX	LoadSF=.5
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=SPAKa-DX	LoadSF=.5
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=SPAKa-DX	LoadSF=.5

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=IDRO	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=IDRO	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=IDRO	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=IDRO	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=IDRO	LoadSF=1
Case=SLE-CAR-157	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1

<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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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=SPAKa-DX LoadSF=.5
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=IDRO 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=SPAKa-DX LoadSF=.5
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=IDRO 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=SPAKa-DX LoadSF=.5
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=IDRO 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=SPAKa-DX LoadSF=.5
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

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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

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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

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Case=SLE-SIS-12	LoadType="Load pattern"	LoadName=G3-SLD-X	LoadSF=. 3
Case=SLE-SIS-12	LoadType="Load pattern"	LoadName=G3-SLD-Z	LoadSF=1
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=. 5
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=. 5
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=G1-SLD-X	LoadSF=. 3
Case=SLE-SIS-13	LoadType="Load pattern"	LoadName=G1-SLD-Z	LoadSF=1
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=. 5
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-. 5
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=G1-SLD-X	LoadSF=. 3
Case=SLE-SIS-14	LoadType="Load pattern"	LoadName=G1-SLD-Z	LoadSF=1
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-. 5
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=. 5
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=G1-SLD-X	LoadSF=. 3
Case=SLE-SIS-15	LoadType="Load pattern"	LoadName=G1-SLD-Z	LoadSF=1
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-. 5
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-. 5
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=G1-SLD-X	LoadSF=. 3
Case=SLE-SIS-16	LoadType="Load pattern"	LoadName=G1-SLD-Z	LoadSF=1
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=. 5
Case=FESS-QP-01	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=. 5
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=. 5
Case=FESS-QP-02	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-. 5
Case=FESS-QP-03	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1

Case=FESS-QP-03	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-QP-03	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-QP-03	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-QP-03	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-QP-03	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-QP-03	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-QP-03	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
Case=FESS-QP-03	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.5
Case=FESS-QP-03	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.5
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.5
Case=FESS-QP-04	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.5
Case=FESS-QP-05	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-QP-05	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-QP-05	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-QP-05	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-QP-05	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-QP-05	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-QP-05	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-QP-05	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.5
Case=FESS-QP-05	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.5
Case=FESS-QP-06	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-QP-06	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-QP-06	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-QP-06	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-QP-06	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-QP-06	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-QP-06	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-QP-06	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.5
Case=FESS-QP-06	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.5
Case=FESS-QP-07	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-QP-07	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-QP-07	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-QP-07	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-QP-07	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-QP-07	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-QP-07	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-QP-07	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.5
Case=FESS-QP-07	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.5
Case=FESS-QP-08	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-QP-08	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-QP-08	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-QP-08	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-QP-08	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-QP-08	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-QP-08	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-QP-08	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.5
Case=FESS-QP-08	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.5
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.5
Case=FESS-QP-09	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.5
Case=FESS-QP-10	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-QP-10	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1

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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

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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

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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

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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

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Case=FESS-FR-06	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-FR-06	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-FR-06	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-FR-06	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-FR-06	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=.6
Case=FESS-FR-06	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.6
Case=FESS-FR-07	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-FR-07	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-FR-07	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-FR-07	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-FR-07	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-FR-07	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-FR-07	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-FR-07	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.6
Case=FESS-FR-07	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=.6
Case=FESS-FR-08	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-FR-08	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-FR-08	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-FR-08	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-FR-08	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=FESS-FR-08	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-FR-08	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-FR-08	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.6
Case=FESS-FR-08	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.6
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=.6
Case=FESS-FR-09	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=.6
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=.6
Case=FESS-FR-10	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.6
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.6
Case=FESS-FR-11	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=.6
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.6
Case=FESS-FR-12	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.6
Case=FESS-FR-13	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=FESS-FR-13	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=FESS-FR-13	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1

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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-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-28	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=SPA-DX	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

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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

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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

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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=SPAKa-DX	LoadSF=.375
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

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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

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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

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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=ACCSUP	LoadSF=1.0125
Case=SLU-STR-009	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1.0125
Case=SLU-STR-009	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=1.0125

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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

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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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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-025	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-025	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-025	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-025	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.5
Case=SLU-STR-025	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1.2
Case=SLU-STR-025	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1.2
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.5
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1.2
Case=SLU-STR-026	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1.2
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.5
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1.2
Case=SLU-STR-027	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1.2
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.5
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1.2
Case=SLU-STR-028	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1.2
Case=SLU-STR-029	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-029	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-029	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-029	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35
Case=SLU-STR-029	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-029	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-029	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-029	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1.2
Case=SLU-STR-029	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1.2
Case=SLU-STR-030	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-030	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-030	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-030	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35
Case=SLU-STR-030	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-030	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-030	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-030	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1.2
Case=SLU-STR-030	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1.2
Case=SLU-STR-031	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-031	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-031	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-031	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35
Case=SLU-STR-031	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-031	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-031	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-031	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1.2
Case=SLU-STR-031	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1.2
Case=SLU-STR-032	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-032	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-032	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-032	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35

Case=SLU-STR-032	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-032	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-032	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-032	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1.2
Case=SLU-STR-032	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1.2
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.5
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1.0125
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.0125
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=1.0125
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.50625
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1.2
Case=SLU-STR-033	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1.2
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.5
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1.0125
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.0125
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=1.0125
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.50625
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1.2
Case=SLU-STR-034	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1.2
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1.35
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.675
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1.35
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1.35
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.5
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1.0125
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.0125
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=1.0125
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.50625
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1.2
Case=SLU-STR-035	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1.2
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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
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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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5

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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=SPA-DX	LoadSF=.50625
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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

<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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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=IDRO	LoadSF=1.5
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
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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
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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

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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

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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

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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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=SPAKa-DX	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=IDRO	LoadSF=1.5

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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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
Case=SLU-STR-072	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.0125
Case=SLU-STR-072	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=1.0125
Case=SLU-STR-072	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1.2
Case=SLU-STR-072	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1.2
Case=SLU-STR-073	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1.35
Case=SLU-STR-073	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1.35
Case=SLU-STR-073	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1.35
Case=SLU-STR-073	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1.35
Case=SLU-STR-073	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1.35
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

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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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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

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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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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

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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

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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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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
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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

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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=IDRO	LoadSF=1.5
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

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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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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

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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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=SPAKa-DX	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=IDRO	LoadSF=1.5
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=SPAKa-DX	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=IDRO	LoadSF=1.5
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=SPAKa-DX	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=IDRO	LoadSF=1.5
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=SPAKa-DX	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

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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=SPAKa-DX	LoadSF=.675
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

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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=SPAKa-DX	LoadSF=.675
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=SPAKa-DX	LoadSF=.675
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=SPAKa-DX	LoadSF=.675
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=IDRO	LoadSF=1.5
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=SPAKa-DX	LoadSF=.675
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=IDRO	LoadSF=1.5
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=SPAKa-DX	LoadSF=.675
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=IDRO	LoadSF=1.5
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=SPAKa-DX	LoadSF=.675
Case=SLU-STR-159	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.72
Case=SLU-STR-159	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=.72

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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=IDRO	LoadSF=1.5
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=SPAKa-DX	LoadSF=.675
Case=SLU-STR-160	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.72
Case=SLU-STR-160	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.72
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-001	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-002	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-003	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-004	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-005	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-005	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-005	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-005	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-005	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-005	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-005	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-005	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-005	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-006	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-006	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-006	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-006	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1

Case=SLU-GEO-006	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-006	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-006	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-006	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-006	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-007	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-007	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-007	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-007	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-007	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-007	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-007	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-007	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-007	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-008	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-008	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-008	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-008	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-008	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-008	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-008	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-008	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-008	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.8625
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-009	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.8625
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-010	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.8625
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-011	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1

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Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.8625
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-012	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-013	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-014	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-015	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-016	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1

Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.8625
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-017	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-018	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-018	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-018	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-018	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-018	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-018	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-018	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-018	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
Case=SLU-GEO-022	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-022	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-022	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-022	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-023	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-024	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-024	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-024	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-024	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-024	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-024	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-024	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-024	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
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

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Case=SLU-GEO-028	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-028	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-028	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-029	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-029	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-029	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-029	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-029	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=SLU-GEO-029	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-029	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-029	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-029	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-030	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-030	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-030	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-030	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-030	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=SLU-GEO-030	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-030	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-030	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-030	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-031	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-031	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-031	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-031	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-031	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=SLU-GEO-031	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-031	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-031	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-031	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-032	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-032	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-032	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-032	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-032	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=SLU-GEO-032	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-032	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-032	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-032	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.43125
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-033	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.43125
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-034	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1

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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

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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=ACCSUP	LoadSF=.8625
Case=SLU-GEO-040	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-040	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-040	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=.43125
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
Case=SLU-GEO-047	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-047	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-047	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-047	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=.5
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=.8625
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-048	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-049	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-050	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1

Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-051	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-052	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-053	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-053	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-053	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-053	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-053	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-053	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-053	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-053	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-053	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-054	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-054	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-054	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-054	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-054	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-054	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-054	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-054	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-054	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-055	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-055	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-055	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-055	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-055	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-055	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-055	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-055	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-055	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-056	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-056	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-056	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-056	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-056	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-056	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-056	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-056	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-056	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=SPAKa-DX	LoadSF=.8625

Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-057	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=SPAKa-DX	LoadSF=.8625
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-058	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=SPAKa-DX	LoadSF=.8625
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-059	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=SPAKa-DX	LoadSF=.8625
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-060	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-061	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625

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Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-062	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-063	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=.8625
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-064	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-065	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-065	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-065	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-065	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-065	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-065	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-065	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-065	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
Case=SLU-GEO-067	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-067	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-067	LoadType="Load pattern"	LoadName=SPAKa-DX	LoadSF=.8625
Case=SLU-GEO-067	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1

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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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
Case=SLU-GEO-070	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-070	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-070	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-070	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-071	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-071	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-071	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-071	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-071	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=1
Case=SLU-GEO-071	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-071	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-071	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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

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Case=SLU-GEO-073	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-073	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-073	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-073	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-073	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=.5
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-074	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=.5
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-075	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=.5
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-076	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-077	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-077	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-077	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-077	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-077	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=.5
Case=SLU-GEO-077	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-077	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-077	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-077	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-078	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-078	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-078	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-078	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-078	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=.5
Case=SLU-GEO-078	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-078	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-078	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=1
Case=SLU-GEO-078	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-079	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-079	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-079	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-079	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-079	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=.5
Case=SLU-GEO-079	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-079	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-079	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-079	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=1
Case=SLU-GEO-080	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-080	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-080	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-080	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-080	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=.5

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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

<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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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=IDRO	LoadSF=1.3
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
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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=IDRO	LoadSF=1.3
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
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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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=SPAKa-DX	LoadSF=.43125
Case=SLU-GEO-093	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-093	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-094	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-094	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-094	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-094	LoadType="Load pattern"	LoadName=SPTKa-SX	LoadSF=1
Case=SLU-GEO-094	LoadType="Load pattern"	LoadName=SPTKa-DX	LoadSF=.5
Case=SLU-GEO-094	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-094	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-094	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
Case=SLU-GEO-096	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=.8625
Case=SLU-GEO-096	LoadType="Load pattern"	LoadName=SPAKa-SX	LoadSF=.8625
Case=SLU-GEO-096	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-1
Case=SLU-GEO-096	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-1
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1.15
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.15
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=FREN	LoadSF=1.15
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=1.15
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=1.15
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=.6
Case=SLU-GEO-097	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=.6
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1.15
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.15
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=FREN	LoadSF=1.15
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=1.15
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=1.15
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=.6
Case=SLU-GEO-098	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.6
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1.15
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.15
Case=SLU-GEO-099	LoadType="Load pattern"	LoadName=FREN	LoadSF=1.15
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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
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Case=SLU-GEO-100	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-100	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1.15
Case=SLU-GEO-100	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.15
Case=SLU-GEO-100	LoadType="Load pattern"	LoadName=FREN	LoadSF=1.15

Case=SLU-GEO-100	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=1.15
Case=SLU-GEO-100	LoadType="Load pattern"	LoadName=SPA-DX	LoadSF=1.15
Case=SLU-GEO-100	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=-.6
Case=SLU-GEO-100	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=-.6
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=SPW-SX	LoadSF=1
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=SPW-DX	LoadSF=1
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=IDRO	LoadSF=1.3
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=ACCINF	LoadSF=1.15
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.15
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=FREN	LoadSF=1.15
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=SPA-SX	LoadSF=1.15
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=TEMPUNI	LoadSF=.6
Case=SLU-GEO-101	LoadType="Load pattern"	LoadName=TEMPVAR	LoadSF=.6
Case=SLU-GEO-102	LoadType="Load pattern"	LoadName=PROPRI	LoadSF=1
Case=SLU-GEO-102	LoadType="Load pattern"	LoadName=PERSUP	LoadSF=1
Case=SLU-GEO-102	LoadType="Load pattern"	LoadName=PERINF	LoadSF=1
Case=SLU-GEO-102	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-102	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
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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
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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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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

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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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=1
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=1.15
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=1
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=1.15
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

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Case=SLU-GEO-115	LoadType="Load pattern"	LoadName=SPT-SX	LoadSF=1
Case=SLU-GEO-115	LoadType="Load pattern"	LoadName=SPT-DX	LoadSF=1
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=1.15
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=1
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=1.15
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=1
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=1
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=1
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

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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=1
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=ACCSUP	LoadSF=1.15
Case=SLU-GEO-120	LoadType="Load pattern"	LoadName=ACCINF	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=SPA-DX	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=1
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=IDRO	LoadSF=1.3
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=1.15
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=1
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=IDRO	LoadSF=1.3
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=1.15
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=1
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=IDRO	LoadSF=1.3
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=1.15
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=1
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=IDRO	LoadSF=1.3
Case=SLU-GEO-124	LoadType="Load pattern"	LoadName=ACCSUP	LoadSF=1.15

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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=1.15
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=1
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=IDRO	LoadSF=1.3
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=1
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=IDRO	LoadSF=1.3
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=1
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=IDRO	LoadSF=1.3
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=1
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=IDRO	LoadSF=1.3
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

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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=SPAKa-DX	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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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

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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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=IDRO	LoadSF=1.3
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=SPAKa-DX	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=IDRO	LoadSF=1.3
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=SPAKa-DX	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=IDRO	LoadSF=1.3
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

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Case=SLU-GEO-143	LoadType="Load pattern"	LoadName=SPAKa-DX	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=IDRO	LoadSF=1.3
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=SPAKa-DX	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

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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=SPAKa-DX	LoadSF=.575
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=SPAKa-DX	LoadSF=.575
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=SPAKa-DX	LoadSF=.575
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=SPAKa-DX	LoadSF=.575
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>IDRO	LoadSF=1.3
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>IDRO	LoadSF=1.3
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>IDRO	LoadSF=1.3
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>IDRO	LoadSF=1.3
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>IDRO	LoadSF=1.3

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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=SPAKa-DX	LoadSF=.575
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=IDRO	LoadSF=1.3
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=SPAKa-DX	LoadSF=.575
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=IDRO	LoadSF=1.3
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=SPAKa-DX	LoadSF=.575
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=IDRO	LoadSF=1.3
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=SPAKa-DX	LoadSF=.575
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

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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

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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

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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=SPTKa-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=SPTKa-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

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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

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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

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Case=SLU-SIS-05	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-06	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-07	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-08	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-09	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-10	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-11	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-12	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-13	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-14	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-15	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-16	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-17	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-18	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-19	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-20	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-21	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-22	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-23	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-24	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-25	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-26	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-27	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-28	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-29	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-30	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-31	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2
Case=SLU-SIS-32	LoadApp="Full Load"	MonitorDOF=U1	MonitorJt=2

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
UseEvStep=Yes	EvLumpTol=0.01	LSPerIter=20	LSTol=0.1
FrameTC=Yes	FrameHinge=Yes	CableTC=Yes	LinkTC=Yes
TFMaxIter=10	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
UseEvStep=Yes	EvLumpTol=0.01	LSPerIter=20	LSTol=0.1
FrameTC=Yes	FrameHinge=Yes	CableTC=Yes	LinkTC=Yes
TFMaxIter=10	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
UseEvStep=Yes	EvLumpTol=0.01	LSPerIter=20	LSTol=0.1
FrameTC=Yes	FrameHinge=Yes	CableTC=Yes	LinkTC=Yes
TFMaxIter=10	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
UseEvStep=Yes	EvLumpTol=0.01	LSPerIter=20	LSTol=0.1
FrameTC=Yes	FrameHinge=Yes	CableTC=Yes	LinkTC=Yes
TFMaxIter=10	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
UseEvStep=Yes	EvLumpTol=0.01	LSPerIter=20	LSTol=0.1
FrameTC=Yes	FrameHinge=Yes	CableTC=Yes	LinkTC=Yes
TFMaxIter=10	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
UseEvStep=Yes	EvLumpTol=0.01	LSPerIter=20	LSTol=0.1
FrameTC=Yes	FrameHinge=Yes	CableTC=Yes	LinkTC=Yes
TFMaxIter=10	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
UseEvStep=Yes	EvLumpTol=0.01	LSPerIter=20	LSTol=0.1
FrameTC=Yes	FrameHinge=Yes	CableTC=Yes	LinkTC=Yes
TFMaxIter=10	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
UseEvStep=Yes	EvLumpTol=0.01	LSPerIter=20	LSTol=0.1
FrameTC=Yes	FrameHinge=Yes	CableTC=Yes	LinkTC=Yes
TFMaxIter=10	LinkOther=Yes	TFMaxIter=10	
TFTol=0.01	TFAccelFact=1	TFNoStop=No	

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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-09      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-QP-10      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-QP-11      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-QP-12      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-QP-13      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-22      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-QP-23      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-QP-24      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-QP-25      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-QP-26      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-QP-27      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      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

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Case=SLE-FR-03      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-04      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-05      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-06      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-07      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-08      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-17      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-18      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-19      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-20      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-21      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-30   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-31   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-32   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-33   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-34   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-35   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   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

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Case=SLE-FR-43      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-44      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-45      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-46      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-47      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-48      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-57      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-58      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-59      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-60      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-61      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-70   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-71   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-72   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-73   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-74   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-FR-75   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   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

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Case=SLE-FR-83      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-84      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-85      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-86      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-87      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-FR-88      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-001      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-002      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-003      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-004      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-005      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-014   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-CAR-015   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-CAR-016   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-CAR-017   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-CAR-018   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLE-CAR-019   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=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

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Case=SLE-CAR-027      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-028      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-029      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-030      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-031      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-032      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-041      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-042      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-043      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-044      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-045      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-054      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-055      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-056      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-057      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-058      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-059      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=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

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<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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Case=SLE-CAR-067      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-068      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-069      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-070      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-071      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-072      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-081      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-082      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-083      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-084      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-085      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-094      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-095      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-096      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-097      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-098      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-099      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=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

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Case=SLE-CAR-107      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-108      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-109      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-110      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-111      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-112      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-121      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-122      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-123      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-124      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-125      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-134      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-135      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-136      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-137      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-138      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-CAR-139      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=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

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Case=SLE-CAR-147      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-148      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-149      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-150      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-151      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLE-CAR-152      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-01      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
      Case=SLE-SIS-02      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
      Case=SLE-SIS-03      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
      Case=SLE-SIS-04      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
      Case=SLE-SIS-05      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
      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

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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-SIS-14      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-SIS-15      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLE-SIS-16      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=FESS-QP-01      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=FESS-QP-02      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=FESS-QP-03      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      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

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Case=FESS-QP-11 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-QP-12 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-QP-13 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-QP-14 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-QP-15 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-QP-16 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
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

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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-25      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-QP-26      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-QP-27      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-QP-28      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-QP-29      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-06      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-07      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-08      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-09      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-10      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-11      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      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

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Case=FESS-FR-19 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-FR-20 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-FR-21 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-FR-22 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-FR-23 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
FrameTC=Yes FrameHinge=Yes CableTC=Yes LinkTC=Yes LinkOther=Yes TFMaxIter=10
TFTol=0.01 TFAccelFact=1 TFNoStop=No
Case=FESS-FR-24 Unloading="Unload Entire" GeoNonLin=None ResultsSave="Final
State" MaxTotal=200 MaxNull=50 MaxIterCS=10 MaxIterNR=40 ItConvTol=0.0001
UseEvStep=Yes EvLumpTol=0.01 LSPerIter=20 LSTol=0.1 LSStepFact=1.618
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

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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-33      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-34      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-35      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-36      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-37      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-46   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=FESS-FR-47   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=FESS-FR-48   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=FESS-FR-49   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=FESS-FR-50   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=FESS-FR-51   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   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

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Case=FESS-FR-59      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-60      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-61      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-62      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-63      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-64      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-73      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-74      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-75      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-76      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=FESS-FR-77      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-86      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=FESS-FR-87      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=FESS-FR-88      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=FESS-FR-89      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=FESS-FR-90      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=FESS-FR-91      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      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

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Case=SLU-STR-003      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-004      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-005      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-006      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-007      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-008      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-017      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-018      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-019      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-020      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-021      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-030      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-031      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-032      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-033      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-034      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-035      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=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

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Case=SLU-STR-043      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-044      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-045      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-046      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-047      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-048      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-057      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-058      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-059      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-060      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-061      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-070   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-STR-071   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-STR-072   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-STR-073   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-STR-074   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-STR-075   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=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

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Case=SLU-STR-083      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-084      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-085      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-086      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-087      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-088      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-097      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-098      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-099      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-100      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-101      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-110      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-111      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-112      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-113      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-114      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-115      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=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

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Case=SLU-STR-123      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-124      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-125      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-126      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-127      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-128      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-137      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-138      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-139      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-140      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-STR-141      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-150      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-151      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-152      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-153      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-154      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
  Case=SLU-STR-155      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=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

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Case=SLU-GEO-003      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-004      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-005      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-006      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-007      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-008      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-017      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-018      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-019      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-020      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-021      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-030   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-031   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-032   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-033   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-034   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-035   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=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

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Case=SLU-GEO-043      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-044      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-045      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-046      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-047      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-048      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-057      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-058      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-059      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-060      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-061      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-070   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-071   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-072   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-073   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-074   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-075   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=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

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Case=SLU-GEO-083      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-084      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-085      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-086      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-087      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-088      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-097      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-098      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-099      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-100      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-101      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-110   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-111   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-112   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-113   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-114   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-115   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=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

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Case=SLU-GEO-123      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-124      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-125      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-126      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-127      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-128      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
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

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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-137      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-138      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-139      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-140      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-GEO-141      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
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

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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-150   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-151   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-152   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-153   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-154   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=1.618
FrameTC=Yes   FrameHinge=Yes   CableTC=Yes   LinkTC=Yes   LinkOther=Yes   TFMaxIter=10
TFTol=0.01   TFAccelFact=1   TFNoStop=No
  Case=SLU-GEO-155   Unloading="Unload Entire"   GeoNonLin=None   ResultsSave="Final
State"   MaxTotal=200   MaxNull=50   MaxIterCS=10   MaxIterNR=40   ItConvTol=0.0001
UseEvStep=Yes   EvLumpTol=0.01   LSPerIter=20   LSTol=0.1   LSStepFact=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

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Case=SLU-SIS-03      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-04      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-05      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-06      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-07      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-08      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-09      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-10      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-11      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-12      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-13      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-14      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-15      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-16      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001

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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-17      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-18      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-19      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-20      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-21      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-22      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-23      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-24      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-25      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-26      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-27      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-28      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618
FrameTC=Yes      FrameHinge=Yes      CableTC=Yes      LinkTC=Yes      LinkOther=Yes      TFMaxIter=10
TFTol=0.01      TFAccelFact=1      TFNoStop=No
Case=SLU-SIS-29      Unloading="Unload Entire"      GeoNonLin=None      ResultsSave="Final
State"      MaxTotal=200      MaxNull=50      MaxIterCS=10      MaxIterNR=40      ItConvTol=0.0001
UseEvStep=Yes      EvLumpTol=0.01      LSPerIter=20      LSTol=0.1      LSStepFact=1.618

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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-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	CoordSys	CoordType	XorR	Y	Z	SpecialJt
1	GLOBAL	Cartesian	0	0	0	No
2	GLOBAL	Cartesian	0	0	2.35	No
3	GLOBAL	Cartesian	2.3	0	2.35	No
4	GLOBAL	Cartesian	2.3	0	0	No
5	GLOBAL	Cartesian	.104545454545455	0	0	No
6	GLOBAL	Cartesian	.313636363636364	0	0	No
7	GLOBAL	Cartesian	.522727272727273	0	0	No
8	GLOBAL	Cartesian	.731818181818182	0	0	No
9	GLOBAL	Cartesian	.940909090909091	0	0	No
10	GLOBAL	Cartesian	1.15	0	0	No
11	GLOBAL	Cartesian	1.35909090909091	0	0	No
12	GLOBAL	Cartesian	1.56818181818182	0	0	No
13	GLOBAL	Cartesian	1.77727272727273	0	0	No
14	GLOBAL	Cartesian	1.98636363636364	0	0	No
15	GLOBAL	Cartesian	2.19545454545455	0	0	No
16	GLOBAL	Cartesian	.104545454545455	0	-	No
17	GLOBAL	Cartesian	.313636363636364	0	-	No
18	GLOBAL	Cartesian	.522727272727273	0	-	No
19	GLOBAL	Cartesian	.731818181818182	0	-	No
20	GLOBAL	Cartesian	.940909090909091	0	-	No
21	GLOBAL	Cartesian	1.15	0	-0.2	No
22	GLOBAL	Cartesian	1.35909090909091	0	-	No
23	GLOBAL	Cartesian	1.56818181818182	0	-	No
24	GLOBAL	Cartesian	1.77727272727273	0	-	No

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```

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
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=16727  U2=0  U3=0  R1=0  R2=0  R3=0
Joint=6  CoordSys=Local  U1=16727  U2=0  U3=0  R1=0  R2=0  R3=0
Joint=7  CoordSys=Local  U1=16727  U2=0  U3=0  R1=0  R2=0  R3=0

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Joint=8	CoordSys=Local	U1=16727	U2=0	U3=0	R1=0	R2=0	R3=0
Joint=9	CoordSys=Local	U1=16727	U2=0	U3=0	R1=0	R2=0	R3=0
Joint=10	CoordSys=Local	U1=16727	U2=0	U3=0	R1=0	R2=0	R3=0
Joint=11	CoordSys=Local	U1=16727	U2=0	U3=0	R1=0	R2=0	R3=0
Joint=12	CoordSys=Local	U1=16727	U2=0	U3=0	R1=0	R2=0	R3=0
Joint=13	CoordSys=Local	U1=16727	U2=0	U3=0	R1=0	R2=0	R3=0
Joint=14	CoordSys=Local	U1=16727	U2=0	U3=0	R1=0	R2=0	R3=0
Joint=15	CoordSys=Local	U1=16727	U2=0	U3=0	R1=0	R2=0	R3=0

TABLE: "FRAME SECTION ASSIGNMENTS"

Frame=1	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=RITTI
DesignSect=RITTI	MatProp=Default		
Frame=2	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=SOLETTA
DesignSect=SOLETTA	MatProp=Default		
Frame=3	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=RITTI
DesignSect=RITTI	MatProp=Default		
Frame=4	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=5	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=6	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=7	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=8	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=9	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=10	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=11	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=12	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=13	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=14	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		
Frame=15	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=FONDAZIONE
DesignSect=FONDAZIONE	MatProp=Default		

TABLE: "FRAME LOCAL AXES ASSIGNMENTS 1 - TYPICAL"

Frame=1	Angle=180	MirrorAbt2=No	MirrorAbt3=No	AdvancedAxes=No
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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=.1575	MultiplierY=0
MultiplierZ=0				
Frame=2	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				

Frame=3	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=4	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=5	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=6	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=7	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=8	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=9	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=10	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=11	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=12	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=13	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=14	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=15	LoadPat=G1-SLD-X	CoordSys=GLOBAL	MultiplierX=.1575	MultiplierY=0
MultiplierZ=0				
Frame=1	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=2	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=3	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=4	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=5	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=6	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=7	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=8	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=9	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=10	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=11	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=12	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=13	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=14	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=15	LoadPat=G1-SLD-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.0525				
Frame=1	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=2	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=3	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=4	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=5	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				

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Frame=6	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=7	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=8	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=9	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=10	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=11	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=12	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=13	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=14	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=15	LoadPat=G1-SLV-X	CoordSys=GLOBAL	MultiplierX=.4485	MultiplierY=0
MultiplierZ=0				
Frame=1	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=2	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=3	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=4	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=5	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=6	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=7	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=8	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=9	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=10	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=11	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=12	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=13	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=14	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				
Frame=15	LoadPat=G1-SLV-Z	CoordSys=GLOBAL	MultiplierX=0	MultiplierY=0
MultiplierZ=.1495				

TABLE: "FRAME LOADS - DISTRIBUTED"

Frame=1	LoadPat=SPT-SX	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist
RelDistA=0	RelDistB=1	FOverLA=34.9748057453651	FOverLB=16.910895085671		
Frame=1	LoadPat=SPTd-SX	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist
RelDistA=0	RelDistB=1	FOverLA=42.7685149159024	FOverLB=20.6792819373594		
Frame=1	LoadPat=SPTKa-SX	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist
RelDistA=0	RelDistB=1	FOverLA=21.6473600933732	FOverLB=10.4668554297629		
Frame=1	LoadPat=SPTKad-SX	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist
RelDistA=0	RelDistB=1	FOverLA=27.9529795649047	FOverLB=13.5157263830308		
Frame=1	LoadPat=SPA-SX	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist
RelDistA=0	RelDistB=1	FOverLA=13.1323661184609	FOverLB=15.9879991756465		
Frame=1	LoadPat=SPAd-SX	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist
RelDistA=0	RelDistB=1	FOverLA=16.0587538443417	FOverLB=19.5507299224867		
Frame=1	LoadPat=SPAKa-SX	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist
RelDistA=0	RelDistB=1	FOverLA=8.12816689573781	FOverLB=9.8956368148989		

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Frame=1      LoadPat=SPAKad-SX      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=10.4958055927682      FOverLB=12.7781185546623
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=9.09278978218364      FOverLB=4.39651374083605
Frame=1      LoadPat=G1-SLV-X      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=32.0134273703497      FOverLB=15.4790198274218
Frame=1      LoadPat=G1d-SLV-X      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=38.3471516377894      FOverLB=18.5414799127773
Frame=2      LoadPat=PERSUP      CoordSys=GLOBAL      Type=Force      Dir=Z      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=-41      FOverLB=-41
Frame=2      LoadPat=ACCSUP      CoordSys=GLOBAL      Type=Force      Dir=Z      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=-44.5926969126487      FOverLB=-44.5926969126487
Frame=2      LoadPat=FREN      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=39.7587129435835      FOverLB=39.7587129435835
Frame=2      LoadPat=G1-SLD-X      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=6.4575      FOverLB=6.4575
Frame=2      LoadPat=G1-SLD-Z      CoordSys=GLOBAL      Type=Force      Dir=Z      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=-2.1525      FOverLB=-2.1525
Frame=2      LoadPat=G1-SLV-X      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=18.3885      FOverLB=18.3885
Frame=2      LoadPat=G1-SLV-Z      CoordSys=GLOBAL      Type=Force      Dir=Z      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=-6.1295      FOverLB=-6.1295
Frame=3      LoadPat=SPT-DX      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=-34.9748057453651      FOverLB=-16.910895085671
Frame=3      LoadPat=SPTd-DX      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=-42.7685149159024      FOverLB=-20.6792819373594
Frame=3      LoadPat=SPTKa-DX      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=-21.6473600933732      FOverLB=-10.4668554297629
Frame=3      LoadPat=SPTKad-DX      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=0   RelDistB=1      FOverLA=-27.9529795649047      FOverLB=-13.5157263830308
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=2.75625      FOverLB=0
Frame=3      LoadPat=G3-SLV-X      CoordSys=GLOBAL      Type=Force      Dir=X      DistType=RelDist
RelDistA=8.51063829787234E-02      RelDistB=.936170212765957      FOverLA=2.75625      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
    
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Frame=5   LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=.217391304347826   RelDistB=1   FOverLA=-1.05   FOverLB=-1.05
Frame=6   LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-1.05   FOverLB=-1.05
Frame=7   LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-1.05   FOverLB=-1.05
Frame=8   LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-1.05   FOverLB=-1.05
Frame=9   LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-1.05   FOverLB=-1.05
Frame=10  LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-1.05   FOverLB=-1.05
Frame=11  LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-1.05   FOverLB=-1.05
Frame=12  LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-1.05   FOverLB=-1.05
Frame=13  LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-1.05   FOverLB=-1.05
Frame=14  LoadPat=G3-SLD-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=.782608695652174   FOverLA=-1.05   FOverLB=-1.05
Frame=5   LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=.217391304347826   RelDistB=1   FOverLA=-2.99   FOverLB=-2.99
Frame=6   LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-2.99   FOverLB=-2.99
Frame=7   LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-2.99   FOverLB=-2.99
Frame=8   LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-2.99   FOverLB=-2.99
Frame=9   LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-2.99   FOverLB=-2.99
Frame=10  LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-2.99   FOverLB=-2.99
Frame=11  LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-2.99   FOverLB=-2.99
Frame=12  LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-2.99   FOverLB=-2.99
Frame=13  LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=1   FOverLA=-2.99   FOverLB=-2.99
Frame=14  LoadPat=G3-SLV-Z   CoordSys=GLOBAL   Type=Force   Dir=Z   DistType=RelDist
RelDistA=0   RelDistB=.782608695652174   FOverLA=-2.99   FOverLB=-2.99

```

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

```

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Link=15 LinkType="MultiLinear Elastic" LinkJoints=TwoJoint LinkProp=TERR_NL
LinkFDProp=None
END TABLE DATA

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO					
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<table border="1"> <thead> <tr> <th><i>Rev</i></th> <th><i>Data</i></th> </tr> </thead> <tbody> <tr> <td>F0</td> <td>20/06/2011</td> </tr> </tbody> </table>	<i>Rev</i>	<i>Data</i>	F0	20/06/2011
<i>Rev</i>	<i>Data</i>						
F0	20/06/2011						

11 TABULATI SLIDE

11.1 MURO DI SOSTEGNO - FASE STATICA

11.1.1 INPUT

Document Name

File Name: pk2+826_ASSE C muro stat.sli

Project Settings

Project Title: SLIDE - An Interactive Slope Stability Program
Failure Direction: Right to Left
Units of Measurement: SI Units
Pore Fluid Unit Weight: 9.81 kN/m³
Groundwater Method: Water Surfaces
Data Output: Standard
Calculate Excess Pore Pressure: Off
Allow Ru with Water Surfaces or Grids: Off
Random Numbers: Pseudo-random Seed
Random Number Seed: 10116
Random Number Generation Method: Park and Miller v.3

Analysis Methods

Analysis Methods used:
Bishop simplified
Janbu simplified
Ordinary/Fellenius
Spencer

Number of slices: 25
Tolerance: 0.005
Maximum number of iterations: 50

Surface Options



Surface Type: Circular
Search Method: Grid Search
Radius increment: 10
Composite Surfaces: Disabled
Reverse Curvature: Create Tension Crack
Minimum Elevation: Not Defined
Minimum Depth: Not Defined

Loading

1 Distributed Load present:
Distributed Load Constant Distribution, Orientation: Normal to boundary, Magnitude: 26 kN/m²

Material Properties

Material: Material 1

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: Material 2
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: muro
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 1 kPa
Friction Angle: 35 degrees
Water Surface: None



List of All Coordinates

Material Boundary
261154.773 548121.003
261154.773 548168.956

Material Boundary
261154.773 548121.003
261124.773 548121.003
261124.773 548051.003
261484.773 548051.003
261484.773 548062.798
261484.773 548121.003
261214.773 548121.003
261214.773 548478.434

Material Boundary
261477.792 548060.564
261484.773 548062.798
262165.985 548280.786
263779.109 548433.856

External Boundary
263779.109 549123.713
263576.684 549123.713
263576.684 549113.713
263476.294 549116.584
263124.927 549126.633
262773.561 549119.182
262673.170 549117.053
262673.170 549127.053
262522.584 549127.053
261644.170 548627.053
261442.822 548627.053
261214.773 548478.434
261214.773 548498.444
261154.773 548498.444
261154.773 548168.956

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

261139.898 548164.902
261024.740 548139.547
259325.812 547939.661
259325.812 546845.326
263779.109 546845.326
263779.109 548433.856

Focus/Block Search Line
261484.712 546845.857
261484.712 548051.074

Search Grid
259352.494 548423.144
261391.583 548423.144
261391.583 550170.936
259352.494 550170.936

Distributed Load
263576.684 549113.713
263476.294 549116.584
263124.927 549126.633
262773.561 549119.182
262673.170 549117.053

11.1.2 OUTPUT

Raw Data for Minimum Circle Results

Center_x	Center_y	Radius	Factor_of_Safety
259352.494	548423.144	2164.437	-1000.00000
259352.494	548515.133	2182.133	-1000.00000
259352.494	548607.122	2203.530	-1000.00000
259352.494	548699.111	2228.521	-1000.00000
259352.494	548791.100	2256.987	-1000.00000
259352.494	548883.089	2288.799	-1000.00000
259352.494	548975.078	2323.820	-1000.00000
259352.494	549067.067	2361.905	-1000.00000
259352.494	549159.056	2402.910	-1000.00000
259352.494	549251.045	2446.689	-1000.00000
259352.494	549343.035	2493.094	-1000.00000
259352.494	549435.024	2541.982	-1000.00000
259352.494	549527.013	2593.212	-1000.00000
259352.494	549619.002	2646.649	-1000.00000
259352.494	549710.991	2702.162	-1000.00000
259352.494	549802.980	2759.625	-1000.00000
259352.494	549894.969	2818.919	-1000.00000
259352.494	549986.958	2879.931	-1000.00000
259352.494	550078.947	2942.554	-1000.00000
259352.494	550170.936	3006.687	-1000.00000
259445.180	548423.144	2073.193	-1000.00000
259445.180	548515.133	2091.660	-1000.00000
259445.180	548607.122	2113.973	-1000.00000
259445.180	548699.111	2140.010	-1000.00000
259445.180	548791.100	2169.638	-1000.00000
259445.180	548883.089	2202.712	-1000.00000
259445.180	548975.078	2239.079	-1000.00000
259445.180	549067.067	2278.582	-1000.00000
259445.180	549159.056	2321.059	-1000.00000
259445.180	549251.045	2366.352	-1000.00000
259445.180	549343.035	2414.302	-1000.00000
259445.180	549435.024	2464.753	-1000.00000
259445.180	549527.013	2517.556	-1000.00000
259445.180	549619.002	2572.565	-1000.00000

259445.180	549710.991	2629.642	-1000.00000
259445.180	549802.980	2688.655	-1000.00000
259445.180	549894.969	2749.480	-1000.00000
259445.180	549986.958	2811.999	-1000.00000
259445.180	550078.947	2876.102	-1000.00000
259445.180	550170.936	2941.684	-1000.00000
259537.866	548423.144	1982.081	-1000.00000
259537.866	548515.133	2001.390	-1000.00000
259537.866	548607.122	2024.697	-1000.00000
259537.866	548699.111	2051.868	-1000.00000
259537.866	548791.100	2082.750	-1000.00000
259537.866	548883.089	2117.182	-1000.00000
259537.866	548975.078	2154.993	-1000.00000
259537.866	549067.067	2196.008	-1000.00000
259537.866	549159.056	2240.053	-1000.00000
259537.866	549251.045	2286.950	-1000.00000
259537.866	549343.035	2336.530	-1000.00000
259537.866	549435.024	2388.624	-1000.00000
259537.866	549527.013	2443.073	-1000.00000
259537.866	549619.002	2499.722	-1000.00000
259537.866	549710.991	2558.424	-1000.00000
259537.866	549802.980	2619.043	-1000.00000
259537.866	549894.969	2681.447	-1000.00000
259537.866	549986.958	2745.516	-1000.00000
259537.866	550078.947	2811.135	-1000.00000
259537.866	550170.936	2878.198	-1000.00000
259630.552	548423.144	1891.123	-1000.00000
259630.552	548515.133	1911.351	-1000.00000
259630.552	548607.122	1935.743	-1000.00000
259630.552	548699.111	1964.144	-1000.00000
259630.552	548791.100	1996.384	-1000.00000
259630.552	548883.089	2032.280	-1000.00000
259630.552	548975.078	2071.641	-1000.00000
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259630.552	549159.056	2159.985	-1000.00000
259630.552	549251.045	2208.584	-1000.00000
259630.552	549343.035	2259.883	-1000.00000
259630.552	549435.024	2313.704	-1000.00000
259630.552	549527.013	2369.875	-1000.00000
259630.552	549619.002	2428.231	-1000.00000
259630.552	549710.991	2488.621	-1000.00000
259630.552	549802.980	2550.899	-1000.00000
259630.552	549894.969	2614.930	-1000.00000
259630.552	549986.958	2680.589	-1000.00000
259630.552	550078.947	2747.759	-1000.00000
259630.552	550170.936	2816.332	-1000.00000
259723.237	548423.144	1800.341	-1000.00000
259723.237	548515.133	1821.577	-1000.00000
259723.237	548607.122	1847.155	-1000.00000
259723.237	548699.111	1876.898	-1000.00000
259723.237	548791.100	1910.610	-1000.00000
259723.237	548883.089	1948.087	-1000.00000
259723.237	548975.078	1989.115	-1000.00000
259723.237	549067.067	2033.479	-1000.00000
259723.237	549159.056	2080.966	-1000.00000
259723.237	549251.045	2131.367	-1000.00000
259723.237	549343.035	2184.480	-1000.00000
259723.237	549435.024	2240.114	-1000.00000
259723.237	549527.013	2298.083	-1000.00000
259723.237	549619.002	2358.218	-1000.00000
259723.237	549710.991	2420.355	-1000.00000
259723.237	549802.980	2484.344	-1000.00000
259723.237	549894.969	2550.047	-1000.00000
259723.237	549986.958	2617.334	-1000.00000
259723.237	550078.947	2686.087	-1000.00000
259723.237	550170.936	2756.194	-1000.00000
259815.923	548423.144	1709.764	-1000.00000

259815.923	548515.133	1732.110	-1000.00000
259815.923	548607.122	1758.990	-1000.00000
259815.923	548699.111	1790.198	-1000.00000
259815.923	548791.100	1825.512	-1000.00000
259815.923	548883.089	1864.700	-1000.00000
259815.923	548975.078	1907.522	-1000.00000
259815.923	549067.067	1953.740	-1000.00000
259815.923	549159.056	2003.118	-1000.00000
259815.923	549251.045	2055.429	-1000.00000
259815.923	549343.035	2110.454	-1000.00000
259815.923	549435.024	2167.988	-1000.00000
259815.923	549527.013	2227.835	-1000.00000
259815.923	549619.002	2289.815	-1000.00000
259815.923	549710.991	2353.759	-1000.00000
259815.923	549802.980	2419.510	-1000.00000
259815.923	549894.969	2486.927	-1000.00000
259815.923	549986.958	2555.876	-1000.00000
259815.923	550078.947	2626.238	-1000.00000
259815.923	550170.936	2697.901	-1000.00000
259908.609	548423.144	1619.425	-1000.00000
259908.609	548515.133	1643.001	-1000.00000
259908.609	548607.122	1671.314	-1000.00000
259908.609	548699.111	1704.128	-1000.00000
259908.609	548791.100	1741.189	-1000.00000
259908.609	548883.089	1782.232	-1000.00000
259908.609	548975.078	1826.988	-1000.00000
259908.609	549067.067	1875.191	-1000.00000
259908.609	549159.056	1926.584	-1000.00000
259908.609	549251.045	1980.917	-1000.00000
259908.609	549343.035	2037.955	-1000.00000
259908.609	549435.024	2097.479	-1000.00000
259908.609	549527.013	2159.281	-1000.00000
259908.609	549619.002	2223.173	-1000.00000
259908.609	549710.991	2288.979	-1000.00000
259908.609	549802.980	2356.539	-1000.00000
259908.609	549894.969	2425.706	-1000.00000
259908.609	549986.958	2496.347	-1000.00000
259908.609	550078.947	2568.340	-1000.00000
259908.609	550170.936	2641.574	-1000.00000
260001.295	548423.144	1529.367	-1000.00000
260001.295	548515.133	1554.309	-1000.00000
260001.295	548607.122	1584.208	-1000.00000
260001.295	548699.111	1618.789	-1000.00000
260001.295	548791.100	1657.759	-1000.00000
260001.295	548883.089	1700.816	-1000.00000
260001.295	548975.078	1747.658	-1000.00000
260001.295	549067.067	1797.990	-1000.00000
260001.295	549159.056	1851.527	-1000.00000
260001.295	549251.045	1907.998	-1000.00000
260001.295	549343.035	1967.152	-1000.00000
260001.295	549435.024	2028.754	-1000.00000
260001.295	549527.013	2092.587	-1000.00000
260001.295	549619.002	2158.454	-1000.00000
260001.295	549710.991	2226.174	-1000.00000
260001.295	549802.980	2295.583	-1000.00000
260001.295	549894.969	2366.532	-1000.00000
260001.295	549986.958	2438.888	-1000.00000
260001.295	550078.947	2512.528	-1000.00000
260001.295	550170.936	2587.342	-1000.00000
260093.981	548423.144	1439.642	-1000.00000
260093.981	548515.133	1466.112	-1000.00000
260093.981	548607.122	1497.773	-1000.00000
260093.981	548699.111	1534.303	-1000.00000
260093.981	548791.100	1575.364	-1000.00000
260093.981	548883.089	1620.612	-1000.00000
260093.981	548975.078	1669.706	-1000.00000
260093.981	549067.067	1722.317	-1000.00000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

260093.981	549159.056	1778.133	-1000.00000
260093.981	549251.045	1836.863	-1000.00000
260093.981	549343.035	1898.235	-1000.00000
260093.981	549435.024	1962.001	-1000.00000
260093.981	549527.013	2027.937	-1000.00000
260093.981	549619.002	2095.836	-1000.00000
260093.981	549710.991	2165.515	-1000.00000
260093.981	549802.980	2236.807	-1000.00000
260093.981	549894.969	2309.563	-1000.00000
260093.981	549986.958	2383.648	-1000.00000
260093.981	550078.947	2458.943	-1000.00000
260093.981	550170.936	2535.340	-1000.00000
260186.667	548423.144	1350.318	-1000.00000
260186.667	548515.133	1378.504	-1000.00000
260186.667	548607.122	1412.130	-1000.00000
260186.667	548699.111	1450.818	-1000.00000
260186.667	548791.100	1494.175	-1000.00000
260186.667	548883.089	1541.808	-1000.00000
260186.667	548975.078	1593.332	-1000.00000
260186.667	549067.067	1648.382	-1000.00000
260186.667	549159.056	1706.618	-1000.00000
260186.667	549251.045	1767.725	-1000.00000
260186.667	549343.035	1831.416	-1000.00000
260186.667	549435.024	1897.429	-1000.00000
260186.667	549527.013	1965.532	-1000.00000
260186.667	549619.002	2035.514	-1000.00000
260186.667	549710.991	2107.189	-1000.00000
260186.667	549802.980	2180.389	-1000.00000
260186.667	549894.969	2254.966	-1000.00000
260186.667	549986.958	2330.787	-1000.00000
260186.667	550078.947	2407.735	-1000.00000
260186.667	550170.936	2485.706	-1000.00000
260279.353	548423.144	1261.478	-1000.00000
260279.353	548515.133	1291.604	-1000.00000
260279.353	548607.122	1327.434	-1000.00000
260279.353	548699.111	1368.519	-1000.00000
260279.353	548791.100	1414.401	-1000.00000
260279.353	548883.089	1464.630	-1000.00000
260279.353	548975.078	1518.774	-1000.00000
260279.353	549067.067	1576.431	-1000.00000
260279.353	549159.056	1637.228	-1000.00000
260279.353	549251.045	1700.830	-1000.00000
260279.353	549343.035	1766.933	-1000.00000
260279.353	549435.024	1835.268	-1000.00000
260279.353	549527.013	1905.593	-1000.00000
260279.353	549619.002	1977.698	-1000.00000
260279.353	549710.991	2051.393	-1000.00000
260279.353	549802.980	2126.515	-1000.00000
260279.353	549894.969	2202.916	-1000.00000
260279.353	549986.958	2280.469	-1000.00000
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260279.353	550170.936	2438.587	-1000.00000
260372.039	548423.144	1173.234	-1000.00000
260372.039	548515.133	1205.568	-1000.00000
260372.039	548607.122	1243.878	-1000.00000
260372.039	548699.111	1287.631	-1000.00000
260372.039	548791.100	1336.294	-1000.00000
260372.039	548883.089	1389.349	-1000.00000
260372.039	548975.078	1446.315	-1000.00000
260372.039	549067.067	1506.746	2.91212
260372.039	549159.056	1570.244	2.73869
260372.039	549251.045	1636.452	2.59773
260372.039	549343.035	1705.053	2.46785
260372.039	549435.024	1775.770	2.35878
260372.039	549527.013	1848.361	2.26200
260372.039	549619.002	1922.613	2.17369
260372.039	549710.991	1998.341	2.09607

260372.039	549802.980	2075.383	2.02625
260372.039	549894.969	2153.599	1.96251
260372.039	549986.958	2232.866	1.90550
260372.039	550078.947	2313.074	1.85330
260372.039	550170.936	2394.130	1.80632
260464.724	548423.144	1085.731	4.85016
260464.724	548515.133	1120.592	4.37571
260464.724	548607.122	1161.707	3.88693
260464.724	548699.111	1208.440	3.54273
260464.724	548791.100	1260.164	3.25849
260464.724	548883.089	1316.292	2.99441
260464.724	548975.078	1376.284	2.79831
260464.724	549067.067	1439.659	2.62120
260464.724	549159.056	1505.988	2.47918
260464.724	549251.045	1574.899	2.35093
260464.724	549343.035	1646.067	2.24436
260464.724	549435.024	1719.212	2.14721
260464.724	549527.013	1794.093	2.06508
260464.724	549619.002	1870.500	1.99231
260464.724	549710.991	1948.255	1.92528
260464.724	549802.980	2027.202	1.86740
260464.724	549894.969	2107.207	1.81540
260464.724	549986.958	2188.155	1.76876
260464.724	550078.947	2269.943	1.72674
260464.724	550170.936	2352.486	1.69076
260557.410	548423.144	999.162	4.38008
260557.410	548515.133	1036.938	3.94059
260557.410	548607.122	1081.239	3.48179
260557.410	548699.111	1131.300	3.17490
260557.410	548791.100	1186.393	2.89021
260557.410	548883.089	1245.848	2.68449
260557.410	548975.078	1309.073	2.50355
260557.410	549067.067	1375.548	2.36092
260557.410	549159.056	1444.823	2.23520
260557.410	549251.045	1516.516	2.13194
260557.410	549343.035	1590.299	2.03994
260557.410	549435.024	1665.895	1.96268
260557.410	549527.013	1743.067	1.89288
260557.410	549619.002	1821.616	1.83365
260557.410	549710.991	1901.371	1.77921
260557.410	549802.980	1982.186	1.73299
260557.410	549894.969	2063.937	1.69187
260557.410	549986.958	2146.517	1.65457
260557.410	550078.947	2229.833	1.62365
260557.410	550170.936	2313.807	1.60004
260650.096	548423.144	913.794	3.91379
260650.096	548515.133	954.953	3.42523
260650.096	548607.122	1002.882	3.10030
260650.096	548699.111	1056.663	2.79700
260650.096	548791.100	1115.447	2.57886
260650.096	548883.089	1178.488	2.38875
260650.096	548975.078	1245.138	2.24607
260650.096	549067.067	1314.848	2.12195
260650.096	549159.056	1387.159	2.02096
260650.096	549251.045	1461.682	1.93726
260650.096	549343.035	1538.098	1.86437
260650.096	549435.024	1616.137	1.80294
260650.096	549527.013	1695.576	1.74835
260650.096	549619.002	1776.227	1.70204
260650.096	549710.991	1857.931	1.66146
260650.096	549802.980	1940.556	1.62433
260650.096	549894.969	2023.989	1.59286
260650.096	549986.958	2108.134	1.56689
260650.096	550078.947	2192.910	1.54711
260650.096	550170.936	2278.245	1.53431
260742.782	548423.144	829.998	3.45688
260742.782	548515.133	875.106	3.01566


260742.782	548607.122	927.173	2.70648
260742.782	548699.111	985.095	2.48232
260742.782	548791.100	1047.902	2.28546
260742.782	548883.089	1114.769	2.13446
260742.782	548975.078	1185.008	2.01933
260742.782	549067.067	1258.055	1.92069
260742.782	549159.056	1333.449	1.84327
260742.782	549251.045	1410.812	1.77625
260742.782	549343.035	1489.840	1.72156
260742.782	549435.024	1570.279	1.67457
260742.782	549527.013	1651.925	1.63449
260742.782	549619.002	1734.606	1.59922
260742.782	549710.991	1818.181	1.56905
260742.782	549802.980	1902.534	1.54172
260742.782	549894.969	1987.563	1.52052
260742.782	549986.958	2073.188	1.50637
260742.782	550078.947	2159.335	1.49801
260742.782	550170.936	2245.946	1.49459
260835.468	548423.144	748.301	2.96823
260835.468	548515.133	798.041	2.64840
260835.468	548607.122	854.814	2.38795
260835.468	548699.111	917.317	2.19283
260835.468	548791.100	984.458	2.03942
260835.468	548883.089	1055.352	1.92747
260835.468	548975.078	1129.293	1.83569
260835.468	549067.067	1205.720	1.76218
260835.468	549159.056	1284.190	1.70435
260835.468	549251.045	1364.349	1.65412
260835.468	549343.035	1445.918	1.61422
260835.468	549435.024	1528.671	1.57951
260835.468	549527.013	1612.425	1.55065
260835.468	549619.002	1697.031	1.52584
260835.468	549710.991	1782.370	1.50423
260835.468	549802.980	1868.339	1.48723
260835.468	549894.969	1954.857	1.47745
260835.468	549986.958	2041.853	1.47324
260835.468	550078.947	2129.269	1.47430
260835.468	550170.936	2217.055	1.47886
260928.154	548423.144	669.472	2.58937
260928.154	548515.133	724.643	2.30677
260928.154	548607.122	786.732	2.10983
260928.154	548699.111	854.230	1.96731
260928.154	548791.100	925.957	1.85258
260928.154	548883.089	1001.003	1.76960
260928.154	548975.078	1078.676	1.70096
260928.154	549067.067	1158.447	1.64937
260928.154	549159.056	1239.912	1.60817
260928.154	549251.045	1322.758	1.57312
260928.154	549343.035	1406.741	1.54482
260928.154	549435.024	1491.668	1.51919
260928.154	549527.013	1577.388	1.49880
260928.154	549619.002	1663.777	1.48204
260928.154	549710.991	1750.737	1.46854
260928.154	549802.980	1838.187	1.46198
260928.154	549894.969	1926.060	1.46137
260928.154	549986.958	2014.300	1.46617
260928.154	550078.947	2102.861	1.47390
260928.154	550170.936	2191.705	1.48432
261020.840	548423.144	594.654	2.26892
261020.840	548515.133	656.147	2.05840
261020.840	548607.122	724.132	1.91687
261020.840	548699.111	796.950	1.81268
261020.840	548791.100	873.394	1.73327
261020.840	548883.089	952.590	1.67134
261020.840	548975.078	1033.906	1.62539
261020.840	549067.067	1116.880	1.58610
261020.840	549159.056	1201.167	1.55663

<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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261020.840	549251.045	1286.510	1.53226
261020.840	549343.035	1372.713	1.51192
261020.840	549435.024	1459.621	1.49427
261020.840	549527.013	1547.117	1.47749
261020.840	549619.002	1635.107	1.46693
261020.840	549710.991	1723.514	1.46266
261020.840	549802.980	1812.278	1.46462
261020.840	549894.969	1901.348	1.47241
261020.840	549986.958	1990.684	1.48263
261020.840	550078.947	2080.252	1.49543
261020.840	550170.936	2170.021	1.51006
261113.525	548423.144	525.562	2.08181
261113.525	548515.133	594.248	1.92950
261113.525	548607.122	668.557	1.82709
261113.525	548699.111	746.814	1.75046
261113.525	548791.100	827.900	1.69430
261113.525	548883.089	911.059	1.64389
261113.525	548975.078	995.773	1.60758
261113.525	549067.067	1081.676	1.57658
261113.525	549159.056	1168.505	1.55202
261113.525	549251.045	1256.070	1.53120
261113.525	549343.035	1344.225	1.51485
261113.525	549435.024	1432.863	1.49931
261113.525	549527.013	1521.898	1.48713
261113.525	549619.002	1611.266	1.48310
261113.525	549710.991	1700.912	1.48603
261113.525	549802.980	1790.797	1.49493
261113.525	549894.969	1880.885	1.50665
261113.525	549986.958	1971.148	1.52125
261113.525	550078.947	2061.564	1.53756
261113.525	550170.936	2152.114	1.55540
261206.211	548423.144	464.757	2.10204
261206.211	548515.133	541.215	1.96964
261206.211	548607.122	621.894	1.87348
261206.211	548699.111	705.347	1.79948
261206.211	548791.100	790.697	1.74060
261206.211	548883.089	877.389	1.69542
261206.211	548975.078	965.063	1.65371
261206.211	549067.067	1053.473	1.61959
261206.211	549159.056	1142.448	1.59085
261206.211	549251.045	1231.866	1.56791
261206.211	549343.035	1321.637	1.54889
261206.211	549435.024	1411.694	1.53310
261206.211	549527.013	1501.985	1.52663
261206.211	549619.002	1592.470	1.52906
261206.211	549710.991	1683.118	1.53623
261206.211	549802.980	1773.904	1.54844
261206.211	549894.969	1864.809	1.56313
261206.211	549986.958	1955.814	1.57999
261206.211	550078.947	2046.908	1.59872
261206.211	550170.936	2138.078	1.61841
261298.897	548423.144	415.889	2.51597
261298.897	548515.133	499.878	2.26560
261298.897	548607.122	586.274	2.09551
261298.897	548699.111	674.151	1.97230
261298.897	548791.100	762.998	1.88250
261298.897	548883.089	852.512	1.81383
261298.897	548975.078	942.503	1.75791
261298.897	549067.067	1032.845	1.70865
261298.897	549159.056	1123.455	1.67055
261298.897	549251.045	1214.273	1.63767
261298.897	549343.035	1305.254	1.61203
261298.897	549435.024	1396.368	1.59864
261298.897	549527.013	1487.589	1.59618
261298.897	549619.002	1578.900	1.60031
261298.897	549710.991	1670.285	1.61036
261298.897	549802.980	1761.732	1.62398

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
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261298.897	549894.969	1853.234	1.64016
261298.897	549986.958	1944.781	1.65825
261298.897	550078.947	2036.368	1.67778
261298.897	550170.936	2127.990	1.69842
261391.583	548423.144	622.845	3.18900
261391.583	548515.133	593.168	2.79585
261391.583	548607.122	683.786	2.51198
261391.583	548699.111	774.784	2.32990
261391.583	548791.100	745.863	2.17202
261391.583	548883.089	837.211	2.04169
261391.583	548975.078	928.686	1.94648
261391.583	549067.067	1020.253	1.87204
261391.583	549159.056	1111.889	1.81268
261391.583	549251.045	1203.580	1.76167
261391.583	549343.035	1295.313	1.73015
261391.583	549435.024	1387.079	1.71667
261391.583	549527.013	1478.874	1.71383
261391.583	549619.002	1570.691	1.71788
261391.583	549710.991	1662.527	1.72682
261391.583	549802.980	1754.379	1.73937
261391.583	549894.969	1846.245	1.75458
261391.583	549986.958	1938.123	1.77182
261391.583	550078.947	2030.010	1.79076
261391.583	550170.936	2121.907	1.81113

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

11.2 MURO DI SOSTEGNO - FASE SISMICA

11.2.1 INPUT

Document Name

File Name: pk2+826_ASSE C muro sis.sli

Project Settings

Project Title: SLIDE - An Interactive Slope Stability Program
Failure Direction: Right to Left
Units of Measurement: SI Units
Pore Fluid Unit Weight: 9.81 kN/m³
Groundwater Method: Water Surfaces
Data Output: Standard
Calculate Excess Pore Pressure: Off
Allow Ru with Water Surfaces or Grids: Off
Random Numbers: Pseudo-random Seed
Random Number Seed: 10116
Random Number Generation Method: Park and Miller v.3

Analysis Methods

Analysis Methods used:
Bishop simplified
Janbu simplified
Ordinary/Fellenius
Spencer

Number of slices: 25
Tolerance: 0.005
Maximum number of iterations: 50

Surface Options



Surface Type: Circular
Search Method: Grid Search
Radius increment: 10
Composite Surfaces: Disabled
Reverse Curvature: Create Tension Crack
Minimum Elevation: Not Defined
Minimum Depth: Not Defined

Loading

Seismic Load Coefficient (Horizontal): 0.126
Seismic Load Coefficient (Vertical): -0.063
1 Distributed Load present:
Distributed Load Constant Distribution, Orientation: Normal to boundary, Magnitude: 10 kN/m²

Material Properties

Material: Material 1
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m³

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO	<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: Material 2
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 0 kPa
Friction Angle: 32 degrees
Water Surface: None

Material: muro
Strength Type: Mohr-Coulomb
Unit Weight: 20 kN/m³
Cohesion: 1 kPa
Friction Angle: 35 degrees
Water Surface: None



List of All Coordinates

Material Boundary
261154.773 548121.003
261154.773 548168.956

Material Boundary
261154.773 548121.003
261124.773 548121.003
261124.773 548051.003
261484.773 548051.003
261484.773 548062.798
261484.773 548121.003
261214.773 548121.003
261214.773 548478.434

Material Boundary
261477.792 548060.564
261484.773 548062.798
262165.985 548280.786
263779.109 548433.856

External Boundary
263779.109 549123.713
263576.684 549123.713
263576.684 549113.713
263476.294 549116.584
263124.927 549126.633
262773.561 549119.182
262673.170 549117.053
262673.170 549127.053
262522.584 549127.053
261644.170 548627.053
261442.822 548627.053
261214.773 548478.434
261214.773 548498.444
261154.773 548498.444
261154.773 548168.956
261139.898 548164.902
261024.740 548139.547

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO	
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> <i>Data</i> F0 20/06/2011

259325.812 547939.661
259325.812 546845.326
263779.109 546845.326
263779.109 548433.856

Focus/Block Search Line

261484.712 546845.857
261484.712 548051.074

Search Grid

259352.494 548423.144
261391.583 548423.144
261391.583 550170.936
259352.494 550170.936

Distributed Load

263576.684 549113.713
263476.294 549116.584
263124.927 549126.633
262773.561 549119.182
262673.170 549117.053

11.2.2 OUTPUT

Raw Data for Minimum Circle Results

Center_x	Center_y	Radius	Factor_of_Safety
259352.494	548423.144	2164.437	-1000.00000
259352.494	548515.133	2182.133	-1000.00000
259352.494	548607.122	2203.530	-1000.00000
259352.494	548699.111	2228.521	-1000.00000
259352.494	548791.100	2256.987	-1000.00000
259352.494	548883.089	2288.799	-1000.00000
259352.494	548975.078	2323.820	-1000.00000
259352.494	549067.067	2361.905	-1000.00000
259352.494	549159.056	2402.910	-1000.00000
259352.494	549251.045	2446.689	-1000.00000
259352.494	549343.035	2493.094	-1000.00000
259352.494	549435.024	2541.982	-1000.00000
259352.494	549527.013	2593.212	-1000.00000
259352.494	549619.002	2646.649	-1000.00000
259352.494	549710.991	2702.162	-1000.00000
259352.494	549802.980	2759.625	-1000.00000
259352.494	549894.969	2818.919	-1000.00000
259352.494	549986.958	2879.931	-1000.00000
259352.494	550078.947	2942.554	-1000.00000
259352.494	550170.936	3006.687	-1000.00000
259445.180	548423.144	2073.193	-1000.00000
259445.180	548515.133	2091.660	-1000.00000
259445.180	548607.122	2113.973	-1000.00000
259445.180	548699.111	2140.010	-1000.00000
259445.180	548791.100	2169.638	-1000.00000
259445.180	548883.089	2202.712	-1000.00000
259445.180	548975.078	2239.079	-1000.00000
259445.180	549067.067	2278.582	-1000.00000
259445.180	549159.056	2321.059	-1000.00000
259445.180	549251.045	2366.352	-1000.00000
259445.180	549343.035	2414.302	-1000.00000
259445.180	549435.024	2464.753	-1000.00000
259445.180	549527.013	2517.556	-1000.00000
259445.180	549619.002	2572.565	-1000.00000
259445.180	549710.991	2629.642	-1000.00000
259445.180	549802.980	2688.655	-1000.00000

259445.180	549894.969	2749.480	-1000.00000
259445.180	549986.958	2811.999	-1000.00000
259445.180	550078.947	2876.102	-1000.00000
259445.180	550170.936	2941.684	-1000.00000
259537.866	548423.144	1982.081	-1000.00000
259537.866	548515.133	2001.390	-1000.00000
259537.866	548607.122	2024.697	-1000.00000
259537.866	548699.111	2051.868	-1000.00000
259537.866	548791.100	2082.750	-1000.00000
259537.866	548883.089	2117.182	-1000.00000
259537.866	548975.078	2154.993	-1000.00000
259537.866	549067.067	2196.008	-1000.00000
259537.866	549159.056	2240.053	-1000.00000
259537.866	549251.045	2286.950	-1000.00000
259537.866	549343.035	2336.530	-1000.00000
259537.866	549435.024	2388.624	-1000.00000
259537.866	549527.013	2443.073	-1000.00000
259537.866	549619.002	2499.722	-1000.00000
259537.866	549710.991	2558.424	-1000.00000
259537.866	549802.980	2619.043	-1000.00000
259537.866	549894.969	2681.447	-1000.00000
259537.866	549986.958	2745.516	-1000.00000
259537.866	550078.947	2811.135	-1000.00000
259537.866	550170.936	2878.198	-1000.00000
259630.552	548423.144	1891.123	-1000.00000
259630.552	548515.133	1911.351	-1000.00000
259630.552	548607.122	1935.743	-1000.00000
259630.552	548699.111	1964.144	-1000.00000
259630.552	548791.100	1996.384	-1000.00000
259630.552	548883.089	2032.280	-1000.00000
259630.552	548975.078	2071.641	-1000.00000
259630.552	549067.067	2114.274	-1000.00000
259630.552	549159.056	2159.985	-1000.00000
259630.552	549251.045	2208.584	-1000.00000
259630.552	549343.035	2259.883	-1000.00000
259630.552	549435.024	2313.704	-1000.00000
259630.552	549527.013	2369.875	-1000.00000
259630.552	549619.002	2428.231	-1000.00000
259630.552	549710.991	2488.621	-1000.00000
259630.552	549802.980	2550.899	-1000.00000
259630.552	549894.969	2614.930	-1000.00000
259630.552	549986.958	2680.589	-1000.00000
259630.552	550078.947	2747.759	-1000.00000
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<p>ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO</p>	<p>Codice documento CS0573_F0.doc</p>	<p>Rev F0</p>	<p>Data 20/06/2011</p>
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261298.897	548699.111	674.151	1.59666
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261298.897	549802.980	1761.732	1.23817
261298.897	549894.969	1853.234	1.24404
261298.897	549986.958	1944.781	1.25129

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
ADEGUAMENTO TOMBINO PK.2+826 (ASSE C) RELAZIONE DI CALCOLO		<i>Codice documento</i> CS0573_F0.doc	<i>Rev</i> F0	<i>Data</i> 20/06/2011

261298.897	550078.947	2036.368	1.25957
261298.897	550170.936	2127.990	1.26866
261391.583	548423.144	622.845	2.70306
261391.583	548515.133	593.168	2.32396
261391.583	548607.122	683.786	2.05057
261391.583	548699.111	774.784	1.87826
261391.583	548791.100	745.863	1.72981
261391.583	548883.089	837.211	1.61720
261391.583	548975.078	928.686	1.53486
261391.583	549067.067	1020.253	1.47094
261391.583	549159.056	1111.889	1.42023
261391.583	549251.045	1203.580	1.37732
261391.583	549343.035	1295.313	1.34815
261391.583	549435.024	1387.079	1.33124
261391.583	549527.013	1478.874	1.32191
261391.583	549619.002	1570.691	1.31764
261391.583	549710.991	1662.527	1.31701
261391.583	549802.980	1754.379	1.31908
261391.583	549894.969	1846.245	1.32317
261391.583	549986.958	1938.123	1.32879
261391.583	550078.947	2030.010	1.33568
261391.583	550170.936	2121.907	1.34359