

ATTACHMENT 2

PROPOSED TECHNICAL SPECIFICATION CHANGES

FNP-2

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TABLE 3.8-1

CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
1. 4160VAC Switchgears (NOTE: Response includes relay initiation time & breaker clearing time.)						
DA04	10560	.09/5.4	DA01	18480	.39/9.2	Reactor Coolant Pump 2A
DB03	10560	.09/5.4	DR01	16500	.39/9.2	Reactor Coolant Pump 2B
DC03	10560	.09/5.4	DC04	15310	.39/9.2	Reactor Coolant Pump 2C
2. 600VAC Load Centers						
EA04	2750	.18/11	EPPC-2A CP-1	MSCP Type X	N/A	Reactor Polar Crane
EA10	1980	.10/6	EPPC-2A CP-2	MSCP Type X	N/A	Containment Cooler 2A (Normal)
EB05	1980	.10/6	EPPC-2A CP-6	MSCP Type X	N/A	Containment Cooler 2B (Normal)
EB06	1980	.10/6	EPPC-2E CP-2	MSCP Type X	N/A	Containment Cooler 2C (Normal)
EC12	1980	.10/6	EPPC-2D CP-1	MSCP Type X	N/A	Containment Cooler 2D (Normal)
ED11	1320	.10/6	EPPC-2A CP-3	MSCP Type X	N/A	CRDM Cooler Fan 2A
ED15	1650	.10/6	EPPC-2A CP-4	MSCP Type X	N/A	Containment Cooler 2A (Emergency)
ED16	1650	.10/6	EPPC-2A CP-5	MSCP Type X	N/A	Containment Cooler 2B (Emergency)
EE08	1650	.10/6	EPPC-2D CP-2	MSCP Type X	N/A	Containment Cooler 2C (Emergency)
EE13	1320	.10/6	EPPC-2D CP-3	MSCP Type X	N/A	CRDM Cooler Fan 2B
EE16	1650	.10/6	EPPC-2D CP-4	MSCP Type X	N/A	Containment Cooler 2D (Emergency)
3. 600VAC Motor Control Centers						
FA-F7	231	.012/.72	EPPC-2B CP-1	MSCP Type S	N/A	Reactor Cavity Clg Fan Mtr.
FA-I6	11	.012/.72	EPPC-2B CP-2	MSCP Type S	N/A	Reactor Cavity Cool Fan Mov
FA-I5	116	.012/.72	EPPC-2B CP-3	MSCP Type S	N/A	CTMT Post LOCA Air Mixing Fan 2D
FA-J5	116	.012/.72	EPPC-2B CP-4	MSCP Type S	N/A	CTMT Post LOCA Air Mixing Fan 2C

TABLE 3.B-1

CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
FB-I3	116	.012/.72	EPPC-2F CP-1	MSCP Type S	N/A	CTMT Post LOCA Air Mixing Fan 2B
FB-I4	116	.012/.72	EPPC-2F CP-2	MSCP Type S	N/A	CTMT Post LOCA Air Mixing Fan 2A
FD-H7R	770	.012/.72	EPPC-2G CP-1	MSCP Type S	N/A	CTMT GIB Crane (N2T31K005-N)
FB-J7	231	.012/.72	EPPC-2F CP-3	MSCP Type S	N/A	Reactor Cavity Clg Fan Mtr.
FB-A4R	770	.012/.72	EPPC-2F CP-4	MSCP Type S	N/A	CTMT Elevator No. 3 Control
FC-P3	116	.012/.72	EPPC-2C CP-1/2	MSCP Type S	N/A	CTMT Dome Recirc. Fan 2A
FC-P4	116	.012/.72	EPPC-2C CP-3/4	MSCP Type S	N/A	CTMT Dome Recirc. Fan 2B
FC-I2*	770	.012/.72	-----	-----	---	RCP Motor Space Heaters
FC-I4	138	.012/.72	EPPC-2C CP-5	MSCP Type S	N/A	RCP BRG Oil Lift Pump
FC-N3	138	.012/.72	EPPC-2C CP-6	MSCP Type S	N/A	RCP BRG Oil Lift Pump
FC-J3*	232	.012/.72	-----	-----	---	Refueling Wtr Surface Supply
FC-M5*	693	.012/.72	-----	-----	---	Refueling Wtr Surface Exhaust
FC-J5	363	.012/.72	EPPC-2C CP-7	MSCP Type S	N/A	CTMT Pre-Access Fan Motors
FC-N4*	770	.012/.72	-----	-----	---	RCP Mtr Space Heaters 2C
FC-J6L#	1100	.012/.72	-----	-----	---	Receptacles Term. Box 2A
FC-J6R*	770	.012/.72	-----	-----	---	Reactor Cavity Filter Pmp Recep.
FC-S3L*	770	.012/.72	-----	-----	---	Up Ending Frame Winch mtr
FC-M4L	770	.012/.72	EPPC-2C CP-8	MSCP Type S	N/A	CTMT GIB Crane (N2T31K004-N)
FC-N2L*	770	.012/.72	-----	-----	---	Reactor Cavity Manipulator Crane
FC-S3R	770	.012/.72	EPPC-2C CP-9	MSCP Type S	N/A	CTMT GIB Crane (N2T31K006-N)
FC-C5R*	770	.012/.72	-----	-----	---	SW Port Drain Pump Recept.
FD-D6	138	.012/.72	EPPC-2G CP-2	MSCP Type S	N/A	RCP BRG Oil Lift Pump
FD-E3	116	.012/.72	EPPC-2G CP-3/4	MSCP Type S	N/A	CTMT Dome Recirculation Fan 2D
FD-B4	363	.012/.72	EPPC-2G CP-5	MSCP Type S	N/A	Reactor Cool Drain Tank Pump 2B
FD-C2	138	.012/.72	EPPC-2G CP-6	MSCP Type S	N/A	CTMT Sump Pump Mtr 2A
FD-D2	138	.012/.72	EPPC-2G CP-7	MSCP Type S	N/A	CTMT Sump Pump Mtr 2B
FD-C4	363	.012/.72	EPPC-2G CP-8	MSCP Type S	N/A	CTMT Pre-Access Fan Mtrs
FD-G3*	770	.012/.72	-----	-----	---	RCP Mtr Space Heaters 2B
FD-A3L#	1100	.012/.72	-----	-----	---	Receptacles Term Box 2C

TABLE 3.8-1

CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
FE-A6	363	.012/.72	EPPC-2G CP-9	MSCP Type S	N/A	Reactor Cool Drain Tank Pump 2A
FE-A4L#	1100	.012/.72	-----	----	-----	Receptacles Term Box 2B
FE-C3L	1100	.012/.72	EPPC-2G CP-10	MSCP Type S	N/A	Incore Det. Drive & Cont. Pnl.
FE-H5	116	.012/.72	EPPC-2G CP-11/12	MSCP Type S	N/A	CTMT Dome Recirc. Fan 2C
FU-G2	32	.012/.72	EPPC-2B CP-5	MSCP Type S	N/A	RHR Pumps Inlet Mov
FU-H2	13	.012/.72	EPPC-2B CP-6	MSCP Type S	N/A	CTMT Air Cooling Fan Mov
FU-H3	13	.012/.72	EPPC-2B CP-7	MSCP Type S	N/A	CTMT Air Cooling Fan Mov
FU-H4	11	.012/.72	EPPC-2B CP-8	MSCP Type S	N/A	RCP Motor Cooler Disch Mov
FU-J4	11	.012/.72	EPPC-2B CP-9	MSCP Type S	N/A	CTMT To Atmos Diff Press Mov
FU-K4	25	.012/.72	EPPC-2B CP-10	MSCP Type S	N/A	Pressurizer to Relief Tank MOV
FU-K6	11	.012/.72	EPPC-2B CP-11	MSCP Type S	N/A	CTMT Cooler Disch MOV
FU-L4	13	.012/.72	EPPC-2B CP-12	MSCP Type S	N/A	Post ACDT Air Sampler From CTMT Mov
FU-L5	13	.012/.72	EPPC-2B CP-13	MSCP Type S	N/A	Post ACDT Air Sampler From CTMT Mov
FU-T4	25	.012/.72	EPPC-2B CP-14	MSCP Type S	N/A	RCP Seal Water Return Isol.
FU-M4	13	.012/.72	EPPC-2B CP-15	MSCP Type S	N/A	Post ACDT Air Sampler Return Mov
FU-R5	18	.012/.72	EPPC-2B CP-16	MSCP Type S	N/A	CTMT Air Sampler Mov.
FU-V4	13	.012/.72	EPPC-2B CP-17	MSCP Type S	N/A	CRDM Cool Fan Damprs Mov.
FU-W2	18	.012/.72	EPPC-2B CP-18	MSCP Type S	N/A	CTMT Air Cooler Disch Mov.
FU-W4	32	.012/.72	EPPC-2B CP-19	MSCP Type S	N/A	Reactor Cavity H ₂ Dilution Fan VLV 2A
FU-T5	50	.012/.72	EPPC-2B CP-20	MSCP Type S	N/A	RHR System Inlet Isoi. Vlv.
FU-Z2	523	.012/.72	Q2R18B032-A	1100	.012/.72	Accumulator 2A Disch. Vlv.
FU-Z3	523	.012/.72	Q2R18B031-A	1100	.012/.72	Accumulator 2C Disch. Vlv.
FV-M3	13	.012/.72	EPPC-2F CP-5	MSCP Type S	N/A	Post ACDT Air Sampler Return Mov.
FV-H4	13	.012/.72	EPPC-2F CP-6	MSCP Type S	N/A	Post ACDT Air Sampler From CTMT Mov
FV-H5	13	.012/.72	EPPC-2F CP-7	MSCP Type S	N/A	Post ACDT Air Sampler From CTMT Mov

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OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
FV-Y4	13	.012/.72	EPPC-2F CP-8	MSCP Type S	N/A	Post LOCA CTMT Vent Mov
FV-Y5	32	.012/.72	EPPC-2F CP-9	MSCP Type S	N/A	Instr. Air Line Disch. Mov.
FV-I2	13	.012/.72	EPPC-2F CP-10	MSCP Type S	N/A	CRDM Cool Fan Damper
FV-J4	18	.012/.72	EPPC-2F CP-11	MSCP Type S	N/A	CTMT Air Cooler Disch. Mov.
FV-J5	18	.012/.72	EPPC-2F CP-12	MSCP Type S	N/A	CTMT Air Cooler Disch. Mov.
FV-N2	32	.012/.72	EPPC-2F CP-13	MSCP Type S	N/A	Reac. Cavity H ₂ Dilution Fan Vlv. 2B
FV-S2	523	.012/.72	Q2R18B035-B	1100	.012/.72	Accumulator 1B Disch. Vlv.
FV-V3	50	.012/.72	EPPC-2F CP-14	MSCP Type S	N/A	RHR System Inlet Isol. Vlv.
FV-W4	25	.012/.72	EPPC-2F CP-15	MSCP Type S	N/A	Pressurizer to Relief Isol. Mov.
FV-V2	50	.012/.72	EPPC-2F CP-16	MSCP Type S	N/A	RHR System Outlet Isol. Vlv.
FV-C3	25	.012/.72	EPPC-2F CP-17	MSCP Type S	N/A	RCP CCW Return from Oil Clr
FV-F2	13	.012/.72	EPPC-2F CP-18	MSCP Type S	N/A	CTMT Air Cooling Fan Mov.
FV-F3	13	.012/.72	EPPC-2F CP-19	MSCP Type S	N/A	CTMT Air Cooling Fan MOV.
FB-02	50	.012/.72	EPPC-2F CP-21	MSCP Type S	N/A	Reactor Cav Cooling Fan MOV.
4. 208 VAC Motor Control Centers						
HA-03	116	.012/.72	EPPC-2B CP-23	MSCP Type N	N/A	Reac. Cavity H ₂ Dilution Fan 2A
HB-N7	116	.012/.72	EPPC-2F CP-23	MSCP Type N	N/A	Reac. Cavity H ₂ Dilution Fan 2B
HB-L7R/HD-N6L	1100	.012/.72	Rod Pos. Ind (40ABKR) Distr. Pnl.	2000	.015/.9	Digital Rod Position Control and Indication
5. 600VAC Pressurizer Distr. Pnl 2A Circuit Bkrs.						
BKR #1	1760	.016/1	EA-11	3300	.18/11	Pressurizer Htr Group 2A Terminal Box N2TB010
BKR #2	1750	.016/1				
BKR #3	1760	.016/1				
BKR #4	1760	.016/1				
BKR #5	1760	.016/1				

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PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
6. 600VAC Pressurizer Htr. Distr. Pnl 2B Circuit Bkrs.						
BKR #1	1760	.016/1	EC-11	3300	.18/11	Pressurizer Htr Group 2B Terminal Box N2TB011
BKR #2	1760	.016/1				
BKR #3	1760	.016/1				
BKR #4	1760	.016/1				
BKR #5	1760	.016/1				
7. 600VAC Pressurizer Htr. Distr. Pnl 2C Circuit Bkrs.						
BKR #1	1540	.018/1.1	EM-04	4400	.18/11	Pressurizer Htr Group 2C Terminal Box N2TB008
BKR #2	1540	.018/1.1				
BKR #3	1540	.018/1.1				
BKR #4	1540	.018/1.1				
BKR #5	1540	.018/1.1				
BKR #6	1540	.018/1.1				
BKR #7	1540	.018/1.1				
8. 600VAC Pressurizer Htr. Distr. Pnl 2D Circuit Bkrs.						
BKR #1	1540	.018/1.1	EM-05	3300	.18/11	Pressurizer Htr Group 2D Terminal Box N2TB007
BKR #2	1540	.018/1.1				
BKR #3	1540	.018/1.1				
BKR #4	1540	.108/1.1				

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OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
9. 600VAC Pressurizer HTR. Distr. Pnl 2E Circuit Bkrs.						
BKR #1	1540	.018/1.1	EN-07 (Unit 1)	3300	.18/11	Pressurizer Htr Group 2E Terminal Box N2TB009
BKR #2	1540	.018/1.1				
BKR #3	1540	.018/1.1				
BKR #4	1540	.018/1.1				
BKR #5	1540	.018/1.1				
10. 125VDC Sol. Vlvs. Power Fuses						
FB1 (TC-05A)	3	N/A	DC Dist Pnl 2A CKT #11	770	.012/.72	PRZR PWR Relief VLV (4454) 2A
FB1 (TC-25A)	3	N/A	DC Dist Pnl 2D CKT #7	770	.012/.72	PRZR PWR Relief VLV (444B) 2B
FB5 (TC-06A)	3	N/A	DC Dist Pnl 2A CKT #17	770	.012/.72	Letdown Line Isol. Vlv. (459)
FB5 (TC-06A)	3	N/A	DC Dist Pnl 2A CKT #17	770	.012/.72	Letdown Line Isol. Vlv. (460)
FB5 (TC-05A)	3	N/A	DC Dist Pnl 2A CKT #11	770	.012/.72	Reac. Cool Drn Tank Pump Disch. Vlv (100)
FB6 (TC-05A)	3	N/A	DC Dist Pnl 2A CKT #11	770	.012/.72	Reac. Cool Drn. Tank Vent Isol. Vlv. (712)
FB3 (TC-06A)	3	N/A	DC Dist Pnl 2A CKT #17	770	.012/.72	RMW to RCP Standpipe Fill (8168C)
FB4 (TC-25B)	3	N/A	DC Dist Pnl 2D CKT #7	770	.012/.72	PRZR Rel. Tnk to RMW Isol. Vlv. (8030)
FB5 (TC-25B)	3	N/A	DC Dist Pnl 2D CKT #7	770	.012/.72	PRZR Rel. Tnk Drn to WPS Drn. Tnk (8030)
FB6 (TC-27B)	3	N/A	DC Dist Pnl 2D CKT #15	770	.012/.72	Excess Letdown Isol. Vlv. (8153)
FB5 (TC-27B)	3	N/A	DC Dist Pnl 2D CKT #18	770	.012/.72	RCS PRZR Aux. Spray Vlv. (8145)
FB7 (TC-27B)	3	N/A	DC Dist Pnl 2D CKT #15	770	.012/.72	Excess Letdown Isol. Vlv. (8154)

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CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
FB2 (TC-27B)	3	N/A	DC Dist Pnl 2D CKT #15	770	.012/.72	RMW to RCP Standpipe Fill (8168A)
FB3 (TC-27B)	3	N/A	DC Dist Pnl 2D CKT #15	770	.012/.72	RMW to RCP Standpipe Fill (8168B)
FB2 (TC-08A)	3	N/A	DC Dist Pnl 2A CKT #13	770	.012/.72	Accum. N ₂ Supply & Vent Isol. (8875A)
FB6 (TC-08A)	3	N/A	DC Dist Pnl 2A CKT #13	770	.012/.72	Accum. N ₂ Supply & Vent Isol. (8875C)
FB4 (TC-08A)	3	N/A	DC Dist Pnl 2A CKT #13	770	.012/.72	Accum. Line Test Isol. (8877A)
FB8 (TC-08A)	3	N/A	DC Dist Pnl 2A CKT #13	770	.012/.72	Accum. Line Test Isol. (8877C)
FB3 (TC-08A)	3	N/A	DC Dist Pnl 2A CKT #13	770	.012/.72	Accum. Fill Line Isol. (8878A)
FB7 (TC-08A)	3	N/A	DC Dist Pnl 2A CKT #13	770	.012/.72	Accum Fill Line Isol (8878C)
FB5 (TC-08A)	3	N/A	DC Dist Pnl 2A CKT #13	770	.012/.72	Accum. Inject Test Line Isol. (8879S)
FB9 (TC-08A)	3	N/A	DC Dist Pnl 2A CKT #13	770	.012/.72	Accum. Inject. Test Line Isol. (8879C)
FB2 (TC-29B)	3	N/A	DC Dist Pnl 2D CKT #9	770	.012/.72	Accum. N ₂ Supply & Vent Isol (8875B)
FB4 (TC-29B)	3	N/A	DC Dist Pnl 2D CKT #9	770	.012/.72	Accum. Test Line Isol. (8877B)
FB3 (TC-29B)	3	N/A	DC Dist Pnl 2D CKT #9	770	.012/.72	Accum. Fill Line Isol. (8878B)
FB5 (TC-29B)	3	N/A	DC Dist Pnl 2D CKT #9	770	.012/.72	Accum. Inject. Test Line Isol (8879B)
FB1 (TC-06A)	3	N/A	DC Dist Pnl 2A CKT #17	770	.012/.72	RCP Seal Leak Off Iso (1841A)
FB1 (TC-29B)	3	N/A	DC Dist Pnl 2D CKT #8	770	.012/.72	Damper Sol. Vlvs. CTMT Purge Isol (3196)
FB9 (TC-06A)	3	N/A	DC Dist Pnl 2A CKT #17	770	.012/.72	Letdown Orifice Isol. Vlv. (8149B)

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OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
FB2 (TC-06A)	3	N/A	DC Dist Pnl 2A CKT #17	770	.012/.72	RCP Seal Leak Off Isol. (8141C)
FB1 (TC-27B)	3	N/A	DC Dist Pnl 2D CKT #15	770	.012/.72	RCP Seal Leak Off Isol. (8141B)
FB1 (TC-06A)	3	N/A	DC Dist Pnl 2A CKT #18	770	.012/.72	RCS Alternate Charging Line (8147)
FB1 (TC-27B)	3	N/A	DC Dist Pnl 2D CKT #14	770	.012/.72	RCS Normal Charging Line (8146)
FB7 (TC-25B)	3	N/A	DC Dist Pnl 2D CKT #7	770	.012/.72	Reac. Vessel Leak Off Isol. (8032)
FB2 (TC-25B)	3	N/A	DC Dist Pnl 2D CKT #7	770	.012/.72	PRZR Rel. Tnk to RMW Supply Isol (8047)
FB8 (TC-27B)	3	N/A	DC Dist Pnl 2D CKT #15	770	.012/.72	RCP Seals Wtr By-pass Isol. Vlv. (8142)
FB5 (TC-27B)	3	N/A	DC Dist Pnl 2D CKT #15	770	.012/.72	Excess L'Down to VCT or RC DrnTk (8143)
FB10 (TC-06a)	3	N/A	DC Dist Pnl 2A CKT #17	770	.012/.72	Letdown Orifice Isol. Vlv. (8149A)
FB8 (TC-06A)	3	N/A	DC Dist Pnl 2A CKT #17	770	.012/.72	Letdown Orifice Isol. Vlv. (8149C)
FB1 (TC-08A)	3	N/A	DC Dist Pnl 2A CKT #13	770	.012/.72	Accum. Test Line Isol. Vlv. (8871)
FB4 (TC-31B)	3	N/A	DC Dist Pnl 2D CKT #12	770	.012/.72	RCP Comp. Cool (3184)
FB1 (TC-09A)	3	N/A	DC Dist Pnl 2A CKT #6	770	.012/.72	Excess Letdown Hx Cool Disch. (3443)
FAN (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	SG2A Blowdown (3179C)
FAM (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	SG2B Blowdown (3180C)
FAL (NBL2707B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	SG2C Blowdown (3181C)
FAC (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	SG2A Blowdown (3951B)
FAB (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	SG2B Blowdown (3952B)
FAA (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	SG2C Blowdown (3953B)
FAD (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	CVCS Letdown Line Vlv. (3950B)
FD (NBL2702A-A)	3	N/A	DC Dist Pnl 2B CKT #5	770	.012/.72	CVCS Letdown Line Vlv. (3950A)

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PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
FC (NBL2702A-A)	3	N/A	DC Dist Pnl 2B CKT #5	770	.012/.72	SG2A Blowdown (3951A)
FB (NBL2702A-A)	3	N/A	DC Dist Pnl 2B CKT #5	770	.012/.72	SG2B Blowdown (3952A)
FA (NBL2702A-A)	3	N/A	DC Dist Pnl 2B CKT #5	770	.012/.72	SG2C Blowdown (3953A)
FK (NBL2702A-A)	3	N/A	DC Dist Pnl 2B CKT #5	770	.012/.72	SG2A Blowdown (7697A)
FJ (NBL2702A-A)	3	N/A	DC Dist Pnl 2B CKT #5	770	.012/.72	SG2B Blowdown (7698A)
FH (NBL2707A-A)	3	N/A	DC Dist Pnl 2B CKT #5	770	.012/.72	SG2C Blowdown (7699A)
FAK (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	SG2A Blowdown (7697B)
FAJ (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	SG2B Blowdown (7698B)
FAH (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	SG2C Blowdown (7699B)
FAS (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	Press. Stm Space Sampler (3880)
FAR (NBL2702B-B)	3	N/A	DC Dist Pnl 2E CKT #5	770	.012/.72	Press. Liq Space Sampler (3881)
F/3766(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	Accumulator Sampler (3766)
F/3179A(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	SG2A Blowdown Sampler (3179A)
F/3179B(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	SG2A Blowdown Sampler (3179B)
F/3180A(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	SG2B Blowdown Sampler (3180A)
F/3180B(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	SG2B Blowdown Sampler (3180B)
F/3181A(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	SG2C Blowdown Sampler (3181A)
F/3181B(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	SG2C Blowdown Sampler (3181B)
F/3162(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	Accum. Tank 2A Sampler (3162)
F/3163(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	Accum. Tank 2B Sampler (3163)
F/3164(NFSS2607A-A)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	Accum. Tank 2C Sampler (3164)
F/3101(NFSS2607B-B)	3	N/A	DC Dist Pnl 2F CKT #10	770	.012/.72	Reac. Coolant Hot Leg (3101)
F/3102(NFSS2607B-B)	3	N/A	DC Dist Pnl 2F CKT #10	770	.012/.72	Reac. Coolant Hot Leg (3102)
FA(NGB25040)	3	N/A	DC Dist Pnl 2D CKT #16	770	.012/.72	CTMT Sump Disch. (3376)
FA(NGB25040)	3	N/A	DC Dist Pnl 2G CKT #12	770	.012/.72	CTMT Cooler Drains (3395A)
FD(NGB25040)	3	N/A	DC Dist Pnl 2G CKT #12	770	.012/.72	CTMT Cooler Drains (3395B)
FC(NGB25040)	3	N/A	DC Dist Pnl 2G CKT #12	770	.012/.72	CTMT Cooler Drains (3395C)
FB(NGB25040)	3	N/A	DC Dist Pnl 2G CKT #12	770	.012/.72	CTMT Cooler Drains (3395D)
F/3103(NFSS2607B-B)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	PRZR Liquid Sampler (3103)
F/3104(NFSS2607B-B)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	PRZR Liquid Sampler (3104)
F/3765(NFSS2607B-B)	3	N/A	DC Dist Pnl 2C CKT #6	770	.012/.72	Reac. Hot Leg Sampler (3765)

TABLE 3.8-1

CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
11. 120VAC Sol. Vlvs. Power Fuses						
FM(NGB2504M)	3	N/A	AC Dist Pnl 2J CKT #2	3000	.016/1	Reac. Cavity Cooling (3999A)
FF(NGB25040)	3	N/A	AC Dist Pnl 2K CKT #2	3000	.016/1	Reac. Cavity Cooling (3999B)
12. Variable D.C. Voltage CRDM Fuses (125 V Max)						
FU13/A22	10	N/A	RC Power Cab FU1/2/3	30	N/A	Mechanism #1 Sta. Gripper Group A
FU14/A22	10	N/A	RC Power Cab FU1/2/3	30	N/A	Mechanism #2 Sta. Gripper Group A
FU15/A22	10	N/A	RC Power Cab FU1/2/3	30	N/A	Mechanism #3 Sta. Gripper Group A
FU16/A22	10	N/A	RC Power Cab FU1/2/3	30	N/A	Mechanism #4 Sta. Gripper Group A
FU25/A23	10	N/A	RC Power Cab FU4/5/6	30	N/A	Mechanism #1 Sta. Gripper Group B
FU26/A23	10	N/A	RC power Cab FU4/5/6	30	N/A	Mechanism #2 Sta. Gripper Group B
FU27/A23	10	N/A	RC Power Cab FU4/5/6	30	N/A	Mechanism #3 Sta. Gripper Group B
FU28/A23	10	N/A	RC Power Cab FU4/5/6	30	N/A	Mechanism #4 Sta. Gripper Group B
FU41/A24	10	N/A	RC Power Cab FU7/8/9	30	N/A	Mechanism #1 Sta. Gripper Group C
FU42/A24	10	N/A	RC Power Cab FU7/8/9	30	N/A	Mechanism #2 Sta. Gripper Group C
FU43/A24	10	N/A	RC Power Cab FU7/8/9	30	N/A	Mechanism #3 Sta. Gripper Group C
FU44/A24	10	N/A	RC Power Cab FU7/8/9	30	N/A	Mechanism #4 Sta. Gripper Group C

TABLE 3.8-1

CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
FU1/A51	50	N/A	Fusible Disconnect Bus Duct Plug-In Unit A-101	150	N/A	Mechanism #1 Lift Group A
FU2/A51	50	N/A		150	N/A	Mechanism #2 Lift Group A
FU1/A52	50	N/A		150	N/A	Mechanism #3 Lift Group A
FU2/A52	50	N/A		150	N/A	Mechanism #4 Lift Group A
FU1/A53	50	N/A		150	N/A	Mechanism #1 Lift Group B
FU2/A53	50	N/A		150	N/A	Mechanism #2 Lift Group B
FU1/A54	50	N/A		150	N/A	Mechanism #3 List Group B
FU2/A54	50	N/A		150	N/A	Mechanism #4 List Group B
FU1/A55	50	N/A		150	N/A	Mechanism #1 Lift Group C
FU2/A55	50	N/A		150	N/A	Mechanism #2 Lift Group C
FU1/A56	50	N/A		150	N/A	Mechanism #3 Lift Group C
FU2/A56	50	N/A		150	N/A	Mechanism #4 Lift Group C
FU21/A25	10	N/A		30	N/A	Mechanism #1 Moving Gripper Group A
FU22/A25	10	N/A		30	N/A	Mechanism #2 Moving Gripper Group A
FU23/A25	10	N/A		30	N/A	Mechanism #3 Moving Gripper Group A
FU24/A25	10	N/A	30	N/A	Mechanism #4 Moving Gripper Group A	
FU33/A26	10	N/A	30	N/A	Mechanism #1 Moving Gripper Group B	
FU34/A26	10	N/A	30	N/A	Mechanism #2 Moving Gripper Group B	
FU35/A26	10	N/A	30	N/A	Mechanism #3 Moving Gripper Group B	
FU36/A26	10	N/A	30	N/A	Mechanism #4 Moving Gripper Group B	
FU49/A27	10	N/A	30	N/A	Mechanism #1 Moving Gripper Group C	
FU50/A27	10	N/A	30	N/A	Mechanism #2 Moving Gripper Group C	
FU51/A27	10	N/A	30	N/A	Mechanism #3 Moving Gripper Group C	
FU52/A27	10	N/A	30	N/A	Mechanism #4 Moving Gripper Group C	
			Fusible Disconnect Bus Duct Plug-In Unit A-102			

TABLE 3.8-1

CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

PRIMARY PROTECTION			BACKUP PROTECTION **			
Device Number and Location	Trip Setpoint (Ampere)	Response Time (Sec/Cycles)	Device Number and Location	Trip set Point (Ampere)	Response Time (Sec/Cycles)	System Powered
13. 480/277 VAC Lighting Cables						
LCP-2R N2T51L003A-N	825	.012/.72	EB09	3300	.1/6	Lighting Panel 2R(N2T51L001A)
LCP-2O N2T51L003D-N	825	.012/.72	EB09	3300	.1/6	Lighting Panel 2O(N2T51L001D)
LCP-2Q N2T51L003B-N	825	.012/.72	EC13	3300	.1/6	Lighting Panel 2Q(N2T51L001B)
LCP-2P N2T51L003C-N	825	.012/.72	EC13	3300	.1/6	Lighting Panel 2P(N2T51L001C)
FE-C3R#	1100	.012/.72	----	----	----	Receptacle Panel 2(N2T51L002A-N)
14. 480 VAC, 30, H ₂ Recombiner Power Supply						
FAL3L	1100	.012/.72	ED10	6600	.18/11	H ₂ Recombiner HTRS (Q2E17G001A-A)
FB-H6R	1100	.012/.72	EE10	9900	.18/11	H ₂ Recombiner HTRS (Q2E17G001B-B)

* Not required in modes 1-4

May be energized under administrative control when required for maintenance.

** This portion of the table is not valid until after the second refueling outage except for the backup protection devices that have been installed prior to startup following the first refueling outage.

CONTAINMENT SYSTEMS

CONTAINMENT VENTILATION SYSTEM

LIMITING CONDITION FOR OPERATION

3.6.1.7 The 48-inch containment purge supply and exhaust isolation valves (CBV:HV-3198A, 3198D, 3196, 3197) shall be closed. The ~~18~~⁸-inch containment ~~purge~~^{vent} supply and exhaust isolation valves may be open. 8

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTION:

With one 48-inch containment purge supply and/or one exhaust isolation valve open, close the open valve(s) within one hour or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.6.1.7.1 The 48-inch containment purge supply and exhaust isolation valves shall be determined closed at least once per 31 days.

4.6.1.7.2 The valve seals of the 48-inch and the ~~18~~⁸-inch ~~purge~~^{vent} supply and exhaust isolation valves shall be replaced at least once per 5 years.

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
	<u>AUX. STEAM</u>					
	SS-13247	2	Aux. Bldg. El. 134' 1" and 135' 4 1/4", Room 2241	A	No	No
	SS-13250	1	Aux. Bldg. El. 133' 2" Room 2241	A	No	No
	SS-13253	2	Aux. Bldg. El. 133' 9" and 135' 0 1/4", Room 2241	A	No	No
	SS-13255	1	Aux. Bldg. El. 133' 3 1/2" Room 2241	A	No	No
	SS-13721	2	Aux. Bldg. El. 101' 8 3/4" Room 2193	A	No	No

FARLEY - UNIT 2

3/4 7-49

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
FARLEY - UNIT 2 3/4 7-49a	<u>CHEMICAL AND VOLUME CONTROL</u>					
	SS-11894	1	CTMT Bldg. El. 118' 0" NW Quadrant	I	Yes	No
	SS-11899	2	CTMT Bldg. El. 117' 8" NW Quadrant	I	Yes	No
	SS-11902	2	CTMT Bldg. El. 113' 9" NW Quadrant	I	Yes	No
	SS-11974	1	CTMT Bldg. El. 128' 10" SW Quadrant	I	Yes	No
	SS-11991	1	CTMT Bldg. El. 128' 8" NE Quadrant	I	Yes	No
	SS-12002	1	CTMT Bldg. El. 128' 4" NW Quadrant	I	Yes	No
	SS-12003	1	CTMT Bldg. El. 128' 10" NW Quadrant	I	Yes	No
	SS-12010	1	CTMT Bldg. El. 129' 2" NE Quadrant	I	Yes	No
SS-12011	1	CTMT Bldg. El. 133' 0" NE Quadrant	I	Yes	No	

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49b	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
		SS-12013	2	CTMT Bldg. El. 133' 0" and 133' 9 5/8", NW Quadrant	I	Yes
	SS-12114	1	CTMT Bldg. El. 128' 10" SW Quadrant	I	Yes	No
	SS-12146	1	CTMT Bldg. El. 128' 10" SW Quadrant	I	Yes	No
	SS-12147	1	CTMT Bldg. El. 128' 10" SW Quadrant	I	Yes	No
	SS-12175	1	CTMT Bldg. El. 125' 8 5/16" SW Quadrant	I	Yes	No
	SS-12183	1	CTMT Bldg. El. 128' 6" SW Quadrant	I	Yes	No
	SS-12184	1	CTMT Bldg. El. 128' 6" SW Quadrant	I	Yes	No
	SS-12185	1	CTMT Bldg. El. 128' 6" SW Quadrant	I	Yes	No
	SS-12213	1	CTMT Bldg. El. 128' 8" NE Quadrant	I	Yes	No
	SS-12231	1	CTMT Bldg. El. 128' 5" SE Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49c	HANGER NUMBER	NUMBER OF SNUBBERS	SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION	ACCESSIBLE OR INACCESSIBLE (A or I)	HIGH RADIATION ZONE	ESPECIALLY DIFFICULT TO REMOVE
					DURING SHUTDOWN** (Yes or No)	(Yes or No)
	SS-12237	1	CTMT Bldg. El. 128' 5 7/8" SE Quadrant	I	Yes	No
	SS-12242	1	CTMT Bldg. El. 128' 9 1/2" SE Quadrant	I	Yes	No
	SS-12269	1	CTMT Bldg. El. 129' 8 3/4" NE Quadrant	I	Yes	No
	SS-12274	1	CTMT Bldg. El. 128' 2 3/4" NW Quadrant	I	Yes	No
	SS-12296	1	CTMT Bldg. El. 115' 6" SE Quadrant	I	Yes	No
	SS-12346	1	CTMT Bldg. El. 131' 6" SE Quadrant	I	Yes	No
	SS-12357	1	CTMT Bldg. El. 124' 8 1/2" SE Quadrant	I	Yes	No
	SS-12368	1	CTMT Bldg. El. 173' 1 5/16" NW Quadrant	I	Yes	No
	SS-12369	2	CTMT Bldg. El. 169' 0 11/16" NW Quadrant	I	Yes	No
	SS-12370	2	CTMT Bldg. El. 159' 9 3/16" NW Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49d	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
		SS-12372	1	CTMT Bldg. El. 138' 11 5/16" NW Quadrant	I	Yes
	SS-12456	1	CTMT Bldg. El. 115' 10 1/4" SW Quadrant	I	Yes	No
	SS-12459	1	CTMT Bldg. El. 114' 10 5/8" SW Quadrant	I	Yes	No
	SS-12473	2	CTMT Bldg. El. 120' 6 1/2" SW Quadrant	I	Yes	No
	SS-12474	1	CTMT Bldg. El. 120' 0" SW Quadrant	I	Yes	No
	SS-12476	1	CTMT Bldg. El. 120' 0" SW Quadrant	I	Yes	No
	SS-12477	1	CTMT Bldg. El. 120' 0" SW Quadrant	I	Yes	No
	SS-12482	1	CTMT Bldg. El. 125' 0" SW Quadrant	I	Yes	No
	SS-12483	1	CTMT Bldg. El. 125' 0" SW Quadrant	I	Yes	No
	SS-12484	2	CTMT Bldg. El. 125' 0" NW Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49e	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
		SS-12526	2	CTMT Bldg. El. 109' 7" 112' 0", SE Quadrant	I	Yes
	SS-12527	2	CTMT Bldg. El. 111' 4 1/2" 112' 0", SE Quadrant	I	Yes	No
	SS-12528	1	CTMT Bldg. El. 112' 0" SE Quadrant	I	Yes	No
	SS-12373	1	CTMT Bldg. El. 138' 11 5/16" NW Quadrant	I	Yes	No
	Ss-12543	1	CTMT Bldg. El. 108' 6" NE Quadrant	I	Yes	No
	SS-12545	1	CTMT Bldg. El. 108' 6" NE Quadrant	I	Yes	No
	SS-12547	1	CTMT Bldg. El. 110' 0" NE Quadrant	I	Yes	No
	SS-12634	1	CTMT Bldg. El. 122' 10 1/2" SE Quadrant	I	Yes	No
	SS-12639	1	CTMT Bldg. El. 123' 0" SE Quadrant	I	Yes	No
	SS-12648	1	CTMT Bldg. El. 128' 6" SE Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49f	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
		SS-12677	1	CTMT Bldg. El. 125' 2 1/2" SE Quadrant	I	Yes
	SS-12684	1	CTMT Bldg. El. 129' 2" NE Quadrant	I	Yes	No
	SS-12685	1	CTMT Bldg. El. 132' 8 3/4" NE Quadrant	I	Yes	No
	SS-12686	1	CTMT Bldg. El. 129' 9 1/2" NE Quadrant	I	Yes	No
	SS-12687	1	CTMT Bldg. El. 132' 7" NE Quadrant	I	Yes	No
	SS-12700	1	CTMT Bldg. El. 122' 10 5/8" SW Quadrant	I	Yes	No
	SS-12701	1	CTMT Bldg. El. 122' 10 5/8" SW Quadrant	I	Yes	No
	SS-12703	1	CTMT Bldg. El. 122' 3" SW Quadrant	I	Yes	No
	SS-12705	1	CTMT Bldg. El. 122' 3" SW Quadrant	I	Yes	No
	SS-12713	1	CTMT Bldg. El. 124' 0 15/16" NW Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
SS-12714	1	CTMT Bldg. El. 124' 0 15/16" NW Quadrant	I	Yes	No
SS-12716	1	CTMT Bldg. El. 124' 0 15/16" NW Quadrant	I	Yes	No
SS-12717	1	CTMT Bldg. El. 124' 0 15/16" NW Quadrant	I	Yes	No
SS-12720	1	CTMT Bldg. El. 122' 6" NW Quadrant	I	Yes	No
SS-12721	1	CTMT Bldg. El. 123' 3" NW Quadrant	I	Yes	No
SS-12722	1	CTMT Bldg. El. 123' 3" NW Quadrant	I	Yes	No
SS-12723	1	CTMT Bldg. El. 123' 3" NW Quadrant	I	Yes	No
SS-12762	2	CTMT Bldg. El. 107' 11 7/8" and 108' 0 1/8", SE Quadrant	I	Yes	No
SS-12763	2	CTMT Bldg. El. 108' 0" SE Quadrant	I	Yes	No
SS-12766	1	CTMT Bldg. El. 121' 7" SE Quadrant	I	Yes	No

FARLEY - UNIT 2

3/4 7-49g

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
SS-12478	1	CTMT Bldg. El. 120' 0" SW Quadrant	I	Yes	No
SS-12718	1	CTMT Bldg. El. 122' 6" NW Quadrant	I	Yes	No
SS-12350	1	CTMT Bldg. El. 132' 3 5/8" SE Quadrant	I	Yes	No
SS-12344	1	CTMT Bldg. El. 129' 6" SE Quadrant	I	Yes	No
SS-13704	1	Aux. Bldg. El. 136' 3 1/2" Room 2206	A	Yes	No

FARLEY - UNIT 2

3/4 7-49h

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49j	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
	<u>COMPONENT COOLING WATER</u>					
	SS-12129	1	CTMT Bldg. El. 133' 5 3/4" SW Quadrant	I	Yes	No
	SS-12131	1	CTMT Bldg. El. 133' 5 3/4" SW Quadrant	I	Yes	No
	SS-12135	1	CTMT Bldg. El. 132' 8 3/4" SW Quadrant	I	Yes	No
	SS-12152	1	CTMT Bldg. El. 133' 0" SW Quadrant	I	Yes	No
	SS-12154	1	CTMT Bldg. El. 126' 2 5/16" SW Quadrant	I	Yes	No
	SS-12155	1	CTMT Bldg. El. 133' 0" SW Quadrant	I	Yes	No
	SS-12249	1	CTMT Bldg. El. 133' 8 3/4" NW Quadrant	I	Yes	No
	SS-12254	1	CTMT Bldg. El. 126' 2 5/16" SE Quadrant	I	Yes	No
	SS-12516	1	CTMT Bldg. El. 132' 3" NW Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
SS-12517	1	CTMT Bldg. El. 132' 1" NW Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
	<u>CONTAINMENT SPRAY</u>					
FARLEY - UNIT 2	2CS-R198	2	CTMT Bldg. El. 273' 0" SW Quadrant	I	No	Yes
	2CS-R199	2	CTMT Bldg. El. 273' 0" SW Quadrant	I	No	Yes
3/4 7-49K	2CS-R202	2	CTMT Bldg. El. 255' 0" SE Quadrant	I	No	Yes
	2CS-R203	2	CTMT Bldg. El. 255' 0" NE Quadrant	I	No	Yes
	2CS-R254	2	CTMT Bldg. El. 268' 0" SE Quadrant	I	No	Yes
	2CS-R266	2	CTMT Bldg. El. 266' 7" SW Quadrant	I	No	Yes

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
<u>LIQUID WASTE DISPOSAL</u>					
SS-12494	1	CTMT Bldg. El. 108' 6" SW Quadrant	I	Yes	No
SS-12496	1	CTMT Bldg. El. 108' 1" SW Quadrant	I	Yes	No
SS-12521	1	CTMT Bldg. El. 107' 9 7/8" NW Quadrant	I	Yes	No
SS-12523	2	CTMT Bldg. El. 107' 1" NW Quadrant	I	Yes	No
SS-12533	1	CTMT Bldg. El. 107' 8 3/4" NW Quadrant	I	Yes	No
SS-12534	1	CTMT Bldg. El. 107' 8 3/4" NW Quadrant	I	Yes	No
SS-12659	1	CTMT Bldg. El. 108' 6" SE Quadrant	I	Yes	No
SS-12660	1	CTMT Bldg. El. 107' 6 1/2" SE Quadrant	I	Yes	No
SS-12662	1	CTMT Bldg. El. 107' 5 1/8" SE Quadrant	I	Yes	No

FARLEY - UNIT 2

3/4 7-491

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
SS-12522	1	CTMT Bldg. El. 107' 9 3/4" NW Quadrant	I	Yes	No
SS-13660	1	Aux. Bldg. El. 103' 10" Room 2184	A	No	No
2WP-BR70	1	CTMT Bldg. El. 106' 11 1/4" SW Quadrant	I	Yes	No

FARLEY - UNIT 2

3/4 7-49m

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
<u>MAIN STEAM</u>					
SS-13177	1	Aux. Bldg. El. 128' 3 1/4" Room 2241	A	No	No
SS-13179	2	Aux. Bldg. El. 127' 9" Room 2241	A	No	No
SS-13213	1	Aux. Bldg. El. 128' 8" Room 2241	A	No	No
SS-13217	1	Aux. Bldg. El. 128' 8" Room 2241	A	No	No
SS-13242	2	Aux. Bldg. El. 127' 7" and 127' 3 3/4", Room 2241	A	No	No
SS-13367	1	Aux. Bldg. El. 127' 3 3/4" Room 2241	A	No	No
SS-13725	1	Aux. Bldg. El. 127' 8 3/8" Room 2241	A	No	No
SS-14790	1	Aux. Bldg. El. 127' 3 3/4" Room 2241	A	No	No

FARLEY - UNIT 2

3/4 7-49n

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
SS-15757	1	Aux. Bldg. El. 127' 3 3/4" Room 2241	A	No	No
SS-15772	1	Aux. Bldg. El. 129' 3" Room 2241	A	No	No

FARLEY - UNIT 2

3/4 7-490

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
<u>REACTOR COOLANT</u>						
	2RC-BR1	1	CTMT Bldg. El. 172' 1" NW Quadrant	I	Yes	No
	2RC-R116	2	CTMT Bldg. El. 168' 5" NW Quadrant	I	Yes	No
	2RC-R6	1	CTMT Bldg. El. 174' 1 5/16" NW Quadrant	I	Yes	No
	2RC-R7	2	CTMT Bldg. El. 175' 2" NW Quadrant	I	Yes	No
	2RC-R8	2	CTMT Bldg. El. 161' 1" NW Quadrant	I	Yes	No
	2RC-R9	1	CTMT Bldg. El. 174' 4 1/8" NW Quadrant	I	Yes	No
	2RC-R11	2	CTMT Bldg. El. 171' 1" NW Quadrant	I	Yes	No
	2RC-R18	2	CTMT Bldg. El. 163' 0" NW Quadrant	I	Yes	No
	2RC-R94	1	CTMT Bldg. El. 171' 4 1/8" NW Quadrant	I	Yes	No

FARLEY - UNIT 2

3/4 7-49p

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-A9q	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
		2RC-R95	1	CTMT Bldg. El. 171' 4 1/8" NW Quadrant	I	Yes
	2RC-R98	2	CTMT Bldg. El. 160' 5" NW Quadrant	I	Yes	No
	2RC-R117	1	CTMT Bldg. El. 169' 10" NW Quadrant	I	Yes	No
	2RC-R123X	1	CTMT Bldg. El. 169' 10" NW Quadrant	I	Yes	No
	2RC-R133X	1	CTMT Bldg. El. 169' 10" NW Quadrant	I	Yes	No
	2RC-R139	2	CTMT Bldg. El. 167' 10 1/2" NW Quadrant	I	Yes	No
	2RC-R129X	2	CTMT Bldg. El. 159' 5" NW Quadrant	I	Yes	No
	2RC-R128X	2	CTMT Bldg. El. 151' 9 1/2" NW Quadrant	I	Yes	No
	2RC-R127X	2	CTMT Bldg. El. 146' 0" NW Quadrant	I	Yes	No
	2RC-R10	2	CTMT Bldg. El. 173' 9" NW Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49r	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
		2RC-R141	1	CTMT Bldg. El. 172' 6 5/8" NW Quadrant	I	Yes
	2RC-R144	1	CTMT Bldg. El. 172' 4 1/8" NW Quadrant	I	Yes	No
	2RC-R12	1	CTMT Bldg. El. 171' 4" NW Quadrant	I	Yes	No
	2RC-R113	2	CTMT Bldg. El. 159' 4" NW Quadrant	I	Yes	No
	2RC-R147	2	CTMT Bldg. El. 167' 10 1/2" NW Quadrant	I	Yes	No
	2RC-R136	2	CTMT Bldg. El. 167' 10 1/2" NW Quadrant	I	Yes	No
	2RC-R142	1	CTMT Bldg. El. 172' 11 1/2" NW Quadrant	I	Yes	No
	2RC-R132X	2	CTMT Bldg. El. 169' 10" NW Quadrant	I	Yes	No
	2RC-R124X	2	CTMT Bldg. El. 169' 10" NW Quadrant	I	Yes	No
	2RTD-R191	1	CTMT Bldg. El. 127' 1" NE Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49s	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
		2RTD-R190	1	CTMT Bldg. El. 125' 6" NE Quadrant	I	Yes
	2RTD-R173	1	CTMT Bldg. El. 123' 10" SW Quadrant	I	Yes	No
	2RTD-R175	1	CTMT Bldg. El. 123' 10" SW Quadrant	I	Yes	No
	2RTD-R172	1	CTMT Bldg. El. 123' 10" SW Quadrant	I	Yes	No
	2RTD-R157	1	CTMT Bldg. El. 126' 6" NW Quadrant	I	Yes	Yes
	2RTD-R183	1	CTMT Bldg. El. 124' 3" SE Quadrant	I	Yes	No
	2RTD-R182	1	CTMT Bldg. El. 124' 3" SE Quadrant	I	Yes	No
	2RTD-R187	1	CTMT Bldg. El. 124' 10" NE Quadrant	I	Yes	No
	2RTD-R192	1	CTMT Bldg. El. 126' 8" NE Quadrant	I	Yes	No
	2RTD-R177	1	CTMT Bldg. El. 126' 6" SE Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

HANGER NUMBER	NUMBER OF SNUBBERS	SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION	ACCESSIBLE OR INACCESSIBLE (A or I)	HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)	ESPECIALLY DIFFICULT TO REMOVE (Yes or No)
2RTD-R180	1	CTMT Bldg. El. 126' 6" SE Quadrant	I	Yes	No
2RTD-R185	1	CTMT Bldg. El. 124' 3" SE Quadrant	I	Yes	No
2RTD-BR9	1	CTMT Bldg. El. 126' 6" SE Quadrant	I	Yes	No
2RTD-BR10	1	CTMT Bldg. El. 124' 3" SE Quadrant	I	Yes	No
2RTD-BR2	1	CTMT Bldg. El. 124' 2" NE Quadrant	I	Yes	No
2RTD-BR4	1	CTMT Bldg. El. 123' 10" SW Quadrant	I	Yes	No
2RTD-BR6	1	CTMT Bldg. El. 124' 10" NE Quadrant	I	Yes	No
2RTD-BR11	1	CTMT Bldg. El. 126' 6" NW Quadrant	I	Yes	Yes

FARLEY - UNIT 2

3/4 7-49t

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49u	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
		SS-11924	2	CTMT Bldg. El. 128' 6 3/16" and 129' 2 11/16", SW Quadrant	I	Yes
	SS-11933	2	CTMT Bldg. El. 128' 7" and 129' 3 1/2", NW Quadrant	I	Yes	No
	SS-11945	2	CTMT Bldg. El. 128' 7 7/8" and 129' 4 3/8", SE Quadrant	I	Yes	No
	SS-12536	1	CTMT Bldg. El. 140' 5" NW Quadrant	I	Yes	No
	SS-12553	1	CTMT Bldg. El. 154' 1 5/8" NW Quadrant	I	Yes	No
	SS-12559	1	CTMT Bldg. El. 162' 1 1/16" NW Quadrant	I	Yes	Yes
	SS-12754	1	CTMT Bldg. El. 119' 3" SW Quadrant	I	Yes	No
	SS-12316	1	CTMT Bldg. El. 111' 3" NE Quadrant	I	Yes	No
	SS-12324	1	CTMT Bldg. El. 109' 1" SE Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2

3/4 7-49v

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
<u>SAFETY INJECTION</u>					
2SI-BR7	1	CTMT Bldg. El. 114' 9" SW Quadrant	I	Yes	No
2SI-BR9	1	CTMT Bldg. El. 113' 10" SW Quadrant	I	Yes	No
<u>RESIDUAL HEAT REMOVAL</u>					
SS-10319	1	Aux. Bldg. El. 103' 6" Room 2184	A	No	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
<u>STEAM GENERATOR BLOWDOWN</u>					
SS-12793	1	CTMT Bldg. El. 123' 6" SE Quadrant	I	Yes	No
SS-12794	1	CTMT Bldg. El. 122' 6" SE Quadrant	I	Yes	No
SS-12797	1	CTMT Bldg. El. 123' 6" SE Quadrant	I	Yes	No
SS-12798	1	CTMT Bldg. El. 123' 6" SE Quadrant	I	Yes	No
SS-12799	1	CTMT Bldg. El. 128' 1" SE Quadrant	I	Yes	No
SS-12802	1	CTMT Bldg. El. 138' 2 1/4" SE Quadrant	I	Yes	No
SS-12806	2	CTMT Bldg. El. 151' 0" SE Quadrant	I	Yes	No
SS-12827	2	CTMT Bldg. El. 151' 0" SW Quadrant	I	Yes	No
SS-12830	1	CTMT Bldg. El. 139' 0 1/2" SW Quadrant	I	Yes	No

FARLEY - UNIT 2

3/4 7-49W

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
SS-12833	1	CTMT Bldg. El. 125' 3" SW Quadrant	I	Yes	Yes
SS-12834	1	CTMT Bldg. El. 125' 4 1/4" SW Quadrant	I	Yes	Yes
SS-12835	1	CTMT Bldg. El. 128' 6" SW Quadrant	I	Yes	Yes
SS-12848	10	CTMT Bldg. El. 134' 1 5/16" SE Quadrant	I	Yes	No
SS-12862	1	CTMT Bldg. El. 123' 4" SW Quadrant	I	Yes	No
SS-12863	1	CTMT Bldg. El. 126' 3" SW Quadrant	I	Yes	No
SS-12866	1	CTMT Bldg. El. 122' 6" SW Quadrant	I	Yes	Yes
SS-12867	2	CTMT Bldg. El. 131' 8" SE Quadrant	I	Yes	No
SS-12871	1	CTMT Bldg. El. 124' 9" NE Quadrant	I	Yes	No
SS-12872	1	CTMT Bldg. El. 121' 7" NE Quadrant	I	Yes	No

FARLEY - UNIT 2

3/4 7-49x

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49y	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR UNACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
		SS-12877	1	CTMT Bldg. El. 121' 7" NW Quadrant	I	Yes
	SS-12878	1	CTMT Bldg. El. 121' 1" NW Quadrant	I	Yes	No
	SS-12882	2	CTMT Bldg. El. 134' 0 9/16" NE Quadrant	I	Yes	No
	SS-12883	2	CTMT Bldg. El. 134' 4 1/16" NE Quadrant	I	Yes	No
	SS-12886	1	CTMT Bldg. El. 151' 0" NE Quadrant	I	Yes	No
	SS-12887	1	CTMT Bldg. El. 151' 0" NE Quadrant	I	Yes	No
	SS-12888	2	CTMT Bldg. El. 151' 0" NE Quadrant	I	Yes	Yes
	SS-12889	1	CTMT Bldg. El. 151' 0" NE Quadrant	I	Yes	Yes
	SS-12891	1	CTMT Bldg. El. 150' 0" NE Quadrant	I	Yes	Yes
	SS-12896	1	CTMT Bldg. El. 128' 4" NE Quadrant	I	Yes	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

FARLEY - UNIT 2 3/4 7-49z	<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE</u> (A or I)	<u>HIGH RADIATION ZONE DURING SHUTDOWN**</u> (Yes or No)	<u>ESPECIALLY DIFFICULT TO REMOVE</u> (Yes or No)
		SS-12897	1	CTMT Bldg. El. 128' 4" NE Quadrant	I	Yes
	SS-12899	1	CTMT Bldg. El. 131' 7 1/16" NE Quadrant	I	Yes	No
	SS-12900	2	CTMT Bldg. El. 144' 0" NE Quadrant	I	Yes	Yes
	SS-12906	1	CTMT Bldg. El. 106' 0 1/4" SW Quadrant	I	Yes	No
	SS-12940	1	CTMT Bldg. El. 127' 4" SW Quadrant	I	Yes	No
	SS-12942	2	CTMT Bldg. El. 127' 4" SW Quadrant	I	Yes	Yes
	SS-12944	3	CTMT Bldg. El. 127' 4" SW Quadrant	I	Yes	Yes
	SS-12946	1	CTMT Bldg. El. 127' 4" SW Quadrant	I	Yes	No
	SS-12951	3	CTMT Bldg. El. 128' 4 1/2" SW Quadrant	I	Yes	Yes
	SS-13536	3	Aux. Bldg. El. 134' 9 1/4" 135' 0", Room 2237	A	No	No

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
SS-13538	3	Aux. Bldg. El. 130' 9" Room 2237	A	No	No
SS-13546	3	Aux. Bldg. El. 134' 6" Room 2188	A	No	No
SS-13810	1	Aux. Bldg. El. 136' 3" Room 2608	A	No	No
SS-13812	1	Aux. Bldg. El. 130' 9 1/2" Room 2608	A	No	No
SS-13819	1	Aux. Bldg. El. 135' 2 1/4" Room 2223	A	Yes	No
SS-13826	3	Aux. Bldg. El. 133' 0" Room 2223	A	Yes	No
SS-15064	1	Aux. Bldg. El. 132' 10 5/8" Room 2609	A	No	No
SS-15065	1	Aux. Bldg. El. 132' 10 5/8" Room 2609	A	No	No
SS-15066	1	Aux. Bldg. El. 132' 10 5/8" Room 2609	A	No	No
SS-15067	1	Aux. Bldg. El. 132' 5 3/8" Room 2609	A	No	No

FARLEY - UNIT 2

3/4 7-49aa

TABLE 3.7-4b

SAFETY RELATED MECHANICAL SNUBBERS*

<u>HANGER NUMBER</u>	<u>NUMBER OF SNUBBERS</u>	<u>SYSTEM SNUBBER INSTALLED ON, LOCATION AND ELEVATION</u>	<u>ACCESSIBLE OR INACCESSIBLE (A or I)</u>	<u>HIGH RADIATION ZONE DURING SHUTDOWN** (Yes or No)</u>	<u>ESPECIALLY DIFFICULT TO REMOVE (Yes or No)</u>
SS-15068	1	Aux. Bldg. El. 132' 5 3/8" Room 2609	A	No	No
SS-15069	1	Aux. Bldg. El. 132' 5 3/8" Room 2609	A	No	No

* Snubbers may be added to safety related systems without prior License Amendment to Table 3.7-4b provided that a revision to Table 3.7-4b is included with the next License Amendment request.

** Modifications to this column due to changes in high radiation areas may be made without prior License Amendment provided that a revision to Table 3.7-4b is included with the next License Amendment request.

FARLEY - UNIT 2

3/4 7-49bb