

ATTACHMENT 14

INSERVICE TESTING PUMP TABLE

Standby Liquid Control (Page 1)

Pump EPN	Safety Class	Pump Type	Pump Driver	Nominal Speed	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.	Notes
2-1102A	2	PD	MOTOR	N/A	33	7D	Discharge Pressure	M3				
							Flow Rate	M3				
							Vibration	M3	RP-11C			
Pump Name 2A SBLC PUMP												
2-1102B	2	PD	MOTOR	N/A	33	7E	Discharge Pressure	M3				
							Flow Rate	M3				
							Vibration	M3	RP-11C			
Pump Name 2B SBLC PUMP												
3-1102A	2	PD	MOTOR	N/A	364	7D	Discharge Pressure	M3				
							Flow Rate	M3				
							Vibration	M3	RP-11C			
Pump Name 3A SBLC PUMP												
3-1102B	2	PD	MOTOR	N/A	364	7E	Discharge Pressure	M3				
							Flow Rate	M3				
							Vibration	M3	RP-11C			
Pump Name 3B SBLC PUMP												

Core Spray (Page 1)

Pump EPN	Safety Class	Pump Type	Pump Driver	Nominal Speed	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.	Notes
2-1401-4	2	C	MOTOR	N/A	27	8E	Differential Pressure	M3	RP-14A			
							Flow Rate	M3	RP-14A			
							Vibration	M3				
Pump Name ECCS KEEP-FILL PUMP												
2-1401A	2	C	MOTOR	N/A	27	9D	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3			TP-00G	
Pump Name 2A CORE SPRAY PUMP												
2-1401B	2	C	MOTOR	N/A	27	7E	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3			TP-00G	
Pump Name 2B CORE SPRAY PUMP												
3-1401-4	2	C	MOTOR	N/A	358	8E	Differential Pressure	M3	RP-14A			
							Flow Rate	M3	RP-14A			
							Vibration	M3				
Pump Name ECCS KEEP-FILL PUMP												
3-1401A	2	C	MOTOR	N/A	358	7E	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3			TP-00G	
Pump Name 3A CORE SPRAY PUMP												
3-1401B	2	C	MOTOR	N/A	358	9E	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3			TP-00G	
Pump Name 3B CORE SPRAY PUMP												

Containment Cooling Service Water (Page 1)

Pump EPN	Safety Class	Pump Type	Pump Driver	Nominal Speed	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.	Notes
2-1501-44A	3	C	MOTOR	N/A	29-2	10D	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name 2A CCSW PUMP												
2-1501-44B	3	C	MOTOR	N/A	29-2	10C	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name 2B CCSW PUMP												
2-1501-44C	3	C	MOTOR	N/A	29-2	10B	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name 2C CCSW PUMP												
2-1501-44D	3	C	MOTOR	N/A	29-2	10A	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name 2D CCSW PUMP												
3-1501-44A	3	C	MOTOR	N/A	360-2	10A	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name 3A CCSW PUMP												
3-1501-44B	3	C	MOTOR	N/A	360-2	10A	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name 3B CCSW PUMP												
3-1501-44C	3	C	MOTOR	N/A	360-2	10C	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name 3C CCSW PUMP												
3-1501-44D	3	C	MOTOR	N/A	360-2	10D	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name 3D CCSW PUMP												

Low Pressure Coolant Injection (Page 1)

Pump EPN	Safety Class	Pump Type	Pump Driver	Nominal Speed	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.	Notes
2-1502A	2	C	MOTOR	N/A	29	7F	Differential Pressure	M3				TP-00G
							Flow Rate	M3				
							Vibration	M3				
Pump Name 2A LPCI PUMP												
2-1502B	2	C	MOTOR	N/A	29	7E	Differential Pressure	M3				TP-00G
							Flow Rate	M3				
							Vibration	M3				
Pump Name 2B LPCI PUMP												
2-1502C	2	C	MOTOR	N/A	29	3E	Differential Pressure	M3				TP-00G
							Flow Rate	M3				
							Vibration	M3				
Pump Name 2C LPCI PUMP												
2-1502D	2	C	MOTOR	N/A	29	3F	Differential Pressure	M3				TP-00G
							Flow Rate	M3				
							Vibration	M3				
Pump Name 2D LPCI PUMP												
3-1502A	2	C	MOTOR	N/A	360	3E	Differential Pressure	M3				TP-00G
							Flow Rate	M3				
							Vibration	M3				
Pump Name 3A LPCI PUMP												
3-1502B	2	C	MOTOR	N/A	360	3F	Differential Pressure	M3				TP-00G
							Flow Rate	M3				
							Vibration	M3				
Pump Name 3B LPCI PUMP												
3-1502C	2	C	MOTOR	N/A	360	7E	Differential Pressure	M3				TP-00G
							Flow Rate	M3				
							Vibration	M3				
Pump Name 3C LPCI PUMP												
3-1502D	2	C	MOTOR	N/A	360	7F	Differential Pressure	M3				TP-00G
							Discharge Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name 3D LPCI PUMP												

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High Pressure Coolant Injection (Page 1)

Pump EPN	Safety Class	Pump Type	Pump Driver	Nominal Speed	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.	Notes
2-2302	2	C	TURBINE	4000	51	5A	Differential Pressure	M3				
							Flow Rate	M3				
							Speed	M3				
							Vibration	M3				
Pump Name 2 HPCI TURBINE DRIVEN PUMP												
2-2303-AOP	NC	C	MOTOR	N/A	51		Differential Pressure	M3				CTP00-04
Pump Name 2 HPCI AUX LUBE OIL												
2-2320-GSL	2	C	MOTOR	N/A	51	3D	Flow Rate	M3				CTP00-04
Pump Name 2 HPCI GLAND SEAL LEAKOFF PUMP												
3-2302	2	C	TURBINE	4000	374	5A	Differential Pressure	M3				
							Flow Rate	M3				
							Speed	M3				
							Vibration	M3				
Pump Name 3 HPCI TURBINE DRIVEN PUMP												
3-2303-AOP	NC	C	MOTOR	N/A	374		Differential Pressure	M3				CTP00-04
Pump Name 3 HPCI AUX LUBE OIL												
3-2320-GSL	2	C	MOTOR	N/A	374	3D	Flow Rate	M3				CTP00-04
Pump Name 2 HPCI GLAND SEAL LEAKOFF PUMP												

Service Water and D/G Cooling Water (Page 1)

Pump EPN	Safety Class	Pump Type	Pump Driver	Nominal Speed	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.	Notes
2-3903	3	C	MOTOR	N/A	22	10B	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name DIESEL GENERATOR COOLING WATER PUMP												
2-6667A	NC	C	GEAR		517-1	3D	Flow Rate	M3				CTP00-04
Pump Name DIESEL ENGINE JACKET COOLING WATER PUMP												
2-6667B	NC	C	GEAR		517-1	3C	Differential Pressure	M3				CTP00-04
Pump Name DIESEL ENGINE JACKET COOLING WATER PUMP												
2/3-3903	3	C	MOTOR	N/A	355	8A	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name DIESEL GENERATOR COOLING WATER PUMP												
2/3-6667A	NC	C	GEAR		517-2	3D	Flow Rate	M3				CTP00-04
Pump Name DIESEL ENGINE JACKET COOLING WATER PUMP												
2/3-6667B	NC	C	GEAR		517-2	3C	Flow Rate	M3				CTP00-04
Pump Name DIESEL ENGINE JACKET COOLING WATER PUMP												
3-3903	3	C	MOTOR	N/A	355	10B	Differential Pressure	M3				
							Flow Rate	M3				
							Vibration	M3				
Pump Name DIESEL GENERATOR COOLING WATER PUMP												
3-6667A	NC	C	GEAR		517-3	3D	Flow Rate	M3				CTP00-04
Pump Name DIESEL ENGINE JACKET COOLING WATER PUMP												
3-6667B	NC	C	GEAR		517-3	3C	Vibration	M3				CTP00-04
Pump Name DIESEL ENGINE JACKET COOLING WATER PUMP												

Diesel Generator Fuel Oil Storage and Transfer (Page 1)

Pump EPN	Safety Class	Pump Type	Pump Driver	Nominal Speed	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.	Notes
2-5203	NC	PD	MOTOR	N/A	41-2	6E	Discharge Pressure	M3			TP-52A	
							Flow Rate	M3			TP-52A	
							Vibration	M3				
Pump Name DIESEL FUEL OIL TRANSFER PUMP												
2-6664	NC	PD	GEAR	N/A	518-1	4C	Discharge Pressure	M3			CTP00-04	
Pump Name DIESEL ENGINE DRIVEN FUEL OIL PUMP												
2-6665	NC	PD	MOTOR	N/A	518-1	6C	Flow Rate	M3			CTP00-04	
Pump Name DIESEL FUEL OIL PRIMING PUMP												
2/3-5203	NC	PD	MOTOR	N/A	41-2	2C	Discharge Pressure	M3			TP-52A	
							Flow Rate	M3			TP-52A	
							Vibration	M3				
Pump Name DIESEL FUEL OIL TRANSFER PUMP												
2/3-6664	NC	PD	GEAR	N/A	518-2	4C	Flow Rate	M3			CTP00-04	
Pump Name DIESEL ENGINE DRIVEN FUEL OIL PUMP												
2/3-6665	NC	PD	MOTOR	N/A	518-2	6C	Vibration	M3			CTP00-04	
Pump Name DIESEL FUEL OIL PRIMING PUMP												
3-5203	NC	PD	MOTOR	N/A	41-2	6B	Discharge Pressure	M3			TP-52A	
							Flow Rate	M3			TP-52A	
							Vibration	M3				
Pump Name DIESEL FUEL OIL TRANSFER PUMP												
3-6664	NC	PD	GEAR	N/A	518-3	4C	Flow Rate	M3			CTP00-04	
Pump Name DIESEL ENGINE DRIVEN FUEL OIL PUMP												
3-6665	NC	PD	MOTOR	N/A	518-3	6C	Flow Rate	M3			CTP00-04	
Pump Name DIESEL FUEL OIL PRIMING PUMP												

Diesel Generator Lube Oil (Page 1)

Pump EPN	Safety Class	Pump Type	Pump Driver	Nominal Speed	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.	Notes
2-6650	NC	PD	GEAR	N/A	478-1	4D	Vibration	M3			CTP00-04	
Pump Name DIESEL LUBE OIL SCAVENGING OIL PUMP												
2-6651A	NC	PD	GEAR	N/A	478-1	5E	Vibration	M3			CTP00-04	
Pump Name DIESEL MAIN LUBE OIL PUMP												
2-6651B	NC	PD	GEAR	N/A	478-1	5E	Discharge Pressure	M3			CTP00-04	
Pump Name DIESEL PISTON COOLING OIL PUMP												
2/3-6650	NC	PD	GEAR	N/A	478-1	4D	Vibration	M3			CTP00-04	
Pump Name DIESEL LUBE OIL SCAVENGING OIL PUMP												
2/3-6651A	NC	PD	GEAR	N/A	478-1	5E	Discharge Pressure	M3			CTP00-04	
Pump Name DIESEL MAIN LUBE OIL PUMP												
2/3-6651B	NC	PD	GEAR	N/A	478-1	5E	Vibration	M3			CTP00-04	
Pump Name DIESEL PISTON COOLING OIL PUMP												
3-6650	NC	PD	GEAR	N/A	478-1	4D	Flow Rate	M3			CTP00-04	
Pump Name DIESEL LUBE OIL SCAVENGING OIL PUMP												
3-6651A	NC	PD	GEAR	N/A	478-1	5E	Flow Rate	M3			CTP00-04	
Pump Name DIESEL MAIN LUBE OIL PUMP												
3-6651B	NC	PD	GEAR	N/A	478-1	5E	Vibration	M3			CTP00-04	
Pump Name DIESEL PISTON COOLING OIL PUMP												

ATTACHMENT 15

INSERVICE TESTING VALVE TABLE INDEX

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<u>System Number</u>	<u>System Description</u>
02	Main Steam
02	Reactor Feedwater
02	Reactor Recirculation
03	Control Rod Drive
07	Traversing In-Core Probe
10	Shutdown Cooling
11	Standby Liquid Control
12	Reactor Water Cleanup
13	Isolation Condenser
14	Core Spray
15	Containment Cooling Service Water
15	Low Pressure Coolant Injection
16	Pressure Suppression
19	Spent Fuel Pool Cooling and Cleanup
20	Drywell Equipment and Floor Drain
23	High Pressure Coolant Injection
24	Containment Atmosphere Monitoring
25	ACAD and NCAD
37	Reactor Building Closed Cooling Water
39	Service Water and D/G Cooling Water
43	Demineralized Water
47	Instrument Air and Service Air
54	Off Gas
57	Control Room Ventilation
66	Diesel Generator Fuel Oil Storage and Transfer
66	Diesel Generator Lube Oil
66	Diesel Generator Starting Air
75	Standby Gas Treatment
85	Containment Air Sampling
89	High Radiation Sampling

ATTACHMENT 16

INSERVICE TESTING VALVE TABLE

Main Steam (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0203-1A	1	A	20	GL	AO	A	O	C	12-1	4E	FC LT PI SC	CS AJ Y2 CS		CS-02B CS-02B	
Valve Name MAIN STEAM ISOLATION VALVE															
2-0203-1B	1	A	20	GL	AO	A	O	C	12-1	4D	FC LT PI SC	CS AJ Y2 CS		CS-02B CS-02B	
Valve Name MAIN STEAM ISOLATION VALVE															
2-0203-1C	1	A	20	GL	AO	A	O	C	12-1	4C	FC LT PI SC	CS AJ Y2 CS		CS-02B CS-02B	
Valve Name MAIN STEAM ISOLATION VALVE															
2-0203-1D	1	A	20	GL	AO	A	O	C	12-1	4B	FC LT PI SC	CS AJ Y2 CS		CS-02B CS-02B	
Valve Name MAIN STEAM ISOLATION VALVE															
2-0203-2A	1	A	20	GL	AO	A	O	C	12-2	7F	FC LT PI SC	CS AJ Y2 CS		CS-02B CS-02B	
Valve Name MAIN STEAM ISOLATION VALVE															
2-0203-2B	1	A	20	GL	AO	A	O	C	12-2	7E	FC LT PI SC	CS AJ Y2 CS		CS-02B CS-02B	
Valve Name MAIN STEAM ISOLATION VALVE															
2-0203-2C	1	A	20	GL	AO	A	O	C	12-2	7D	FC LT PI SC	CS AJ Y2 CS		CS-02B CS-02B	
Valve Name MAIN STEAM ISOLATION VALVE															
2-0203-2D	1	A	20	GL	AO	A	O	C	12-2	7C	FC LT PI SC	CS AJ Y2 CS		CS-02B CS-02B	
Valve Name MAIN STEAM ISOLATION VALVE															

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Main Steam (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0203-3A	1	C	6	RV	AO	A	C	O/C	12-1	7E	PI RT	Y2 Y5			CTP98-03
Valve Name 3A TARGET ROCK RELIEF/SAFETY VALVE															
2-0203-3B	1	C	8	RV	SO	A	C	O/C	12-1	7D	PI RT	Y2 Y5			CTP98-03
Valve Name 3B ELECTROMATIC RELIEF VALVE															
2-0203-3C	1	C	8	RV	SO	A	C	O/C	12-1	7C	PI RT	Y2 Y5			CTP98-03
Valve Name 3C ELECTROMATIC RELIEF VALVE															
2-0203-3D	1	C	8	RV	SO	A	C	O/C	12-1	7B	PI RT	Y2 Y5			CTP98-03
Valve Name 3D ELECTROMATIC RELIEF VALVE															
2-0203-3E	1	C	8	RV	SO	A	C	O/C	12-1	6D	PI RT	Y2 Y5			CTP98-03
Valve Name 3E ELECTROMATIC RELIEF VALVE															
2-0203-4A	1	C	6	RV	SA	A	C	O/C	12-1	8E	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
2-0203-4B	1	C	6	RV	SA	A	C	O/C	12-1	8E	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
2-0203-4C	1	C	6	RV	SA	A	C	O/C	12-1	8D	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
2-0203-4D	1	C	6	RV	SA	A	C	O/C	12-1	8D	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
2-0203-4E	1	C	6	RV	SA	A	C	O/C	12-1	8C	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
2-0203-4F	1	C	6	RV	SA	A	C	O/C	12-1	8C	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
2-0203-4G	1	C	6	RV	SA	A	C	O/C	12-1	8B	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
2-0203-4H	1	C	6	RV	SA	A	C	O/C	12-1	8B	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
2-0220-1	1	A	2	GL	MO	A	C	C	12-1	4E	LT PI SC	AJ Y2 M3			
Valve Name MAIN STEAM LINES INBOARD DRAIN															
2-0220-105A	3	C	8	RV	SA	A	SYS	O/C	25	5C	RT	Y10			
Valve Name TARGET ROCK SAFETY/RELIEF VALVE DISCHARGE LINE VAC															

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Main Steam (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0220-105B	3	C	8	RV	SA	A	SYS	O/C	25	5D	RT	Y10			
Valve Name ELECTROMATIC RELIEF VALVE DISCHARGE LINE VACUUM RE															
2-0220-105C	3	C	8	RV	SA	A	SYS	O/C	25	5D	RT	Y10			
Valve Name ELECTROMATIC RELIEF VALVE DISCHARGE LINE VACUUM RE															
2-0220-105D	3	C	8	RV	SA	A	SYS	O/C	25	5D	RT	Y10			
Valve Name ELECTROMATIC RELIEF VALVE DISCHARGE LINE VACUUM RE															
2-0220-105E	3	C	8	RV	SA	A	SYS	O/C	25	5D	RT	Y10			
Valve Name ELECTROMATIC RELIEF VALVE DISCHARGE LINE VACUUM RE															
2-0220-17A	1	A/C	1	XFC	SA	A	O	C	12-2	8E	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO DPIS-261-2A-D															
2-0220-17B	1	A/C	1	XFC	SA	A	O	C	12-2	8D	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO DPIS-261-2E-H															
2-0220-17C	1	A/C	1	XFC	SA	A	O	C	12-2	8C	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO DPIS-261-2J-M															
2-0220-17D	1	A/C	1	XFC	SA	A	O	C	12-2	8B	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO DPIS-261-2N-S															
2-0220-18A	1	A/C	1	XFC	SA	A	O	C	12-2	8E	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI DPIS-261-2A-D															
2-0220-18B	1	A/C	1	XFC	SA	A	O	C	12-2	8D	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI DPIS-261-2E-H															
2-0220-18C	1	A/C	1	XFC	SA	A	O	C	12-2	8C	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI DPIS-261-2J-M															

Main Steam (Page 4)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0220-18D	1	A/C	1	XFC	SA	A	O	C	12-2	8B	CC CO LT	RR OP Y10		RJ-00A RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI DPIS-261-2N-S															
2-0220-2	1	A	2	GL	MO	A	C	C	12-2	7E	LT PI SC	AJ Y2 M3			
Valve Name MAIN STEAM LINES OUTBOARD DRAIN															
2-0220-84A	NC	AC	0.5	CK	SA	A	SYS	C	12-1	3F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 1A ACCUMULATOR INLET ISOLATION CHECK VALVE															
2-0220-84B	NC	AC	0.5	CK	SA	A	SYS	C	12-1	3F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 1B ACCUMULATOR INLET ISOLATION CHECK VALVE															
2-0220-84C	NC	AC	0.5	CK	SA	A	SYS	C	12-1	3F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 1C ACCUMULATOR INLET ISOLATION CHECK VALVE															
2-0220-84D	NC	AC	0.5	CK	SA	A	SYS	C	12-1	3F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 1D ACCUMULATOR INLET ISOLATION CHECK VALVE															
2-0220-85A	NC	AC	0.5	CK	SA	A	SYS	C	12-2	7F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 2A ACCUMULATOR INLET ISOLATION CHECK VALVE															
2-0220-85B	NC	AC	0.5	CK	SA	A	SYS	C	12-2	7F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 2B ACCUMULATOR INLET ISOLATION CHECK VALVE															
2-0220-85C	NC	AC	0.5	CK	SA	A	SYS	C	12-2	7F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 2C ACCUMULATOR INLET ISOLATION CHECK VALVE															
2-0220-85D	NC	AC	0.5	CK	SA	A	SYS	C	12-2	7F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 2D ACCUMULATOR INLET ISOLATION CHECK VALVE															

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Main Steam (Page 5)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0203-1A	1	A	20	GL	AO	A	O	C	345-1	4E	FC	CS		CS-02B	
												LT	AJ		
												PI	Y2		
												SC	CS		CS-02B
Valve Name MAIN STEAM ISOLATION VALVE															
3-0203-1B	1	A	20	GL	AO	A	O	C	345-1	4D	FC	CS		CS-02B	
												LT	AJ		
												PI	Y2		
												SC	CS		CS-02B
Valve Name MAIN STEAM ISOLATION VALVE															
3-0203-1C	1	A	20	GL	AO	A	O	C	345-1	4C	FC	CS		CS-02B	
												LT	AJ		
												PI	Y2		
												SC	CS		CS-02B
Valve Name MAIN STEAM ISOLATION VALVE															
3-0203-1D	1	A	20	GL	AO	A	O	C	345-1	4B	FC	CS		CS-02B	
												LT	AJ		
												PI	Y2		
												SC	CS		CS-02B
Valve Name MAIN STEAM ISOLATION VALVE															
3-0203-2A	1	A	20	GL	AO	A	O	C	345-2	7F	FC	CS		CS-02B	
												LT	AJ		
												PI	Y2		
												SC	CS		CS-02B
Valve Name MAIN STEAM ISOLATION VALVE															
3-0203-2B	1	A	20	GL	AO	A	O	C	345-2	7E	FC	CS		CS-02B	
												LT	AJ		
												PI	Y2		
												SC	CS		CS-02B
Valve Name MAIN STEAM ISOLATION VALVE															
3-0203-2C	1	A	20	GL	AO	A	O	C	345-2	7D	FC	CS		CS-02B	
												LT	AJ		
												PI	Y2		
												SC	CS		CS-02B
Valve Name MAIN STEAM ISOLATION VALVE															
3-0203-2D	1	A	20	GL	AO	A	O	C	345-2	7C	FC	CS		CS-02B	
												LT	AJ		
												PI	Y2		
												SC	CS		CS-02B
Valve Name MAIN STEAM ISOLATION VALVE															

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Main Steam (Page 6)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0203-3A	1	C	6	RV	AO	A	C	O/C	345-1	7E	PI	Y2			CTP98-03
Valve Name 3A TARGET ROCK RELIEF/SAFETY VALVE															
3-0203-3B	1	C	8	RV	SO	A	C	O/C	345-1	7D	PI	Y2			CTP98-03
Valve Name 3B ELECTROMATIC RELIEF VALVE															
3-0203-3C	1	C	8	RV	SO	A	C	O/C	345-1	7C	PI	Y2			CTP98-03
Valve Name 3C ELECTROMATIC RELIEF VALVE															
3-0203-3D	1	C	8	RV	SO	A	C	O/C	345-1	7B	PI	Y2			CTP98-03
Valve Name 3D ELECTROMATIC RELIEF VALVE															
3-0203-3E	1	C	8	RV	SO	A	C	O/C	345-1	6D	PI	Y2			CTP98-03
Valve Name 3E ELECTROMATIC RELIEF VALVE															
3-0203-4A	1	C	6	RV	SA	A	C	O/C	345-1	8E	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
3-0203-4B	1	C	6	RV	SA	A	C	O/C	345-1	8E	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
3-0203-4C	1	C	6	RV	SA	A	C	O/C	345-1	8D	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
3-0203-4D	1	C	6	RV	SA	A	C	O/C	345-1	8D	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
3-0203-4E	1	C	6	RV	SA	A	C	O/C	345-1	8C	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
3-0203-4F	1	C	6	RV	SA	A	C	O/C	345-1	8C	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
3-0203-4G	1	C	6	RV	SA	A	C	O/C	345-1	8B	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
3-0203-4H	1	C	6	RV	SA	A	C	O/C	345-1	8B	RT	Y5			
Valve Name MAIN STEAM SAFETY VALVE															
3-0220-1	1	A	2	GL	MO	A	C	C	345-1	4E	LT	AJ			
Valve Name MAIN STEAM LINES INBOARD DRAIN															
3-0220-105A	3	C	8	RV	SA	A	SYS	O/C	356	5D	RT	Y10			
Valve Name TARGET ROCK SAFETY/RELIEF VALVE DISCHARGE LINE VAC															

Main Steam (Page 7)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0220-105B	3	C	8	RV	SA	A	SYS	O/C	356	5D	RT	Y10			
Valve Name ELECTROMATIC RELIEF VALVE DISCHARGE LINE VACUUM RE															
3-0220-105C	3	C	8	RV	SA	A	SYS	O/C	356	5D	RT	Y10			
Valve Name ELECTROMATIC RELIEF VALVE DISCHARGE LINE VACUUM RE															
3-0220-105D	3	C	8	RV	SA	A	SYS	O/C	356	5D	RT	Y10			
Valve Name ELECTROMATIC RELIEF VALVE DISCHARGE LINE VACUUM RE															
3-0220-105E	3	C	8	RV	SA	A	SYS	O/C	356	5D	RT	Y10			
Valve Name ELECTROMATIC RELIEF VALVE DISCHARGE LINE VACUUM RE															
3-0220-17A	1	A/C	1	XFC	SA	A	O	C	345-2	8E	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO DPIS-261-2A-D															
3-0220-17B	1	A/C	1	XFC	SA	A	O	C	345-2	8D	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO DPIS-261-2E-H															
3-0220-17C	1	A/C	1	XFC	SA	A	O	C	345-2	8C	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO DPIS-261-2J-M															
3-0220-17D	1	A/C	1	XFC	SA	A	O	C	345-2	8B	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO DPIS-261-2N-S															
3-0220-18A	1	A/C	1	XFC	SA	A	O	C	345-2	8E	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI DPIS-261-2A-D															
3-0220-18B	1	A/C	1	XFC	SA	A	O	C	345-2	8D	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI DPIS-261-2E-H															
3-0220-18C	1	A/C	1	XFC	SA	A	O	C	345-2	8C	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI DPIS-261-2J-M															

Main Steam (Page 8)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0220-18D	1	A/C	1	XFC	SA	A	O	C	345-2	8B	CC CO LT	RR OP Y10		RJ-00A RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI DPIS-261-2N-S															
3-0220-2	1	A	2	GL	MO	A	C	C	345-2	7E	LT PI SC	AJ Y2 M3			
Valve Name MAIN STEAM LINES OUTBOARD DRAIN															
3-0220-84A	NC	AC	0.5	CK	SA	A	SYS	C	345-1	3F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 1A ACCUMULATOR INLET ISOLATION CHECK VALVE															
3-0220-84B	NC	AC	0.5	CK	SA	A	SYS	C	345-1	3F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 1B ACCUMULATOR INLET ISOLATION CHECK VALVE															
3-0220-84C	NC	AC	0.5	CK	SA	A	SYS	C	345-1	3F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 1C ACCUMULATOR INLET ISOLATION CHECK VALVE															
3-0220-84D	NC	AC	0.5	CK	SA	A	SYS	C	345-1	3F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 1D ACCUMULATOR INLET ISOLATION CHECK VALVE															
3-0220-85A	NC	AC	0.5	CK	SA	A	SYS	C	345-2	7F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 2A ACCUMULATOR INLET ISOLATION CHECK VALVE															
3-0220-85B	NC	AC	0.5	CK	SA	A	SYS	C	345-2	7F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 2B ACCUMULATOR INLET ISOLATION CHECK VALVE															
3-0220-85C	NC	AC	0.5	CK	SA	A	SYS	C	345-2	7F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 2C ACCUMULATOR INLET ISOLATION CHECK VALVE															
3-0220-85D	NC	AC	0.5	CK	SA	A	SYS	C	345-2	7F	CC CO LT	RR OP Y2		RJ-02A	CTP01-01
Valve Name MSIV 2D ACCUMULATOR INLET ISOLATION CHECK VALVE															

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Reactor Feedwater (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0220-58A	1	AC	18	CK	SA	A	O	C	14	3E	CC CO LT	RR OP AJ		RJ-00B	CTP01-01
Valve Name INBOARD FEEDWATER CHECK VALVE															
2-0220-58B	1	AC	18	CK	SA	A	O	O/C	14	3F	CC CO LT	RR M3 AJ		RJ-00B	
Valve Name INBOARD FEEDWATER CHECK VALVE															
2-0220-59	2	C	18	CK	SA	A	O	C	14	2F	CC CO	RR OP		RJ-00B	CTP01-01
Valve Name OUTBOARD FEEDWATER CHECK VALVE															
2-0220-62A	1	AC	18	CK	SA	A	O	C	14	3E	CC CO LT	RR OP AJ		RJ-00B	CTP01-01
Valve Name OUTBOARD FEEDWATER CHECK VALVE															
2-0220-62B	1	AC	18	CK	SA	A	O	O/C	14	3F	CC CO LT	RR M3 AJ		RJ-00B	
Valve Name OUTBOARD FEEDWATER CHECK VALVE															
3-0220-58A	1	AC	18	CK	SA	A	O	C	347	4E	CC CO LT	RR OP AJ		RJ-00B	CTP01-01
Valve Name INBOARD FEEDWATER CHECK VALVE															
3-0220-58B	1	AC	18	CK	SA	A	O	O/C	347	4F	CC CO LT	RR M3 AJ		RJ-00B	
Valve Name INBOARD FEEDWATER CHECK VALVE															
3-0220-59	2	C	18	CK	SA	A	O	C	347	2F	CC CO	RR OP		RJ-00B	CTP01-01
Valve Name OUTBOARD FEEDWATER CHECK VALVE															
3-0220-62A	1	AC	18	CK	SA	A	O	C	347	3E	CC CO LT	RR OP AJ		RJ-00B	CTP01-01
Valve Name OUTBOARD FEEDWATER CHECK VALVE															
3-0220-62B	1	AC	18	CK	SA	A	O	O/C	347	3F	CC CO LT	RR M3 AJ		RJ-00B	
Valve Name OUTBOARD FEEDWATER CHECK VALVE															

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Reactor Recirculation (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0202-5A	1	B	28	GA	MO	A	O	C	26-2	6D	PI SC	Y2 CS		CS-02A	
Valve Name 2A RECIRCULATION PUMP DISCHARGE VALVE															
2-0202-5B	1	B	28	GA	MO	A	O	C	26-2	3D	PI SC	Y2 CS		CS-02A	
Valve Name 2B RECIRCULATION PUMP DISCHARGE VALVE															
2-0205-24	1	A	2.5	GA	MO	A	C	C	26-1	6E	LT PI SC	AJ Y2 M3			
Valve Name REACTOR HEAD COOLING INLET CONTAINMENT ISOLATION V															
2-0205-27	1	AC	2.5	CK	SA	A	SYS	C	26-1	5E	CC CO LT	RR RR AJ		RJ-00B RJ-00B	
Valve Name REACTOR HEAD COOLING INLET CONTAINMENT ISOLATION C															
2-0220-141	2	C	0.75	CK	SA	A	SYS	O/C	26-2	2E	CC CO LT	RR RR AJ		RJ-00B RJ-02B	
Valve Name 0220-044 BYPASS CHECK VALVE															
2-0220-19A	1	AC	1	XFC	SA	A	O	C	26-2	5B	CC CO LT	RR OP Y10		RJ-00A CTP98-02 RJ-00A CTP98-02	
Valve Name FLOW-LIMITING CHECK FOR LO LEG DPT-261-5A															
2-0220-19B	1	AC	1	XFC	SA	A	O	C	26-2	3B	CC CO LT	RR OP Y10		RJ-00A CTP98-02 RJ-00A CTP98-02	
Valve Name FLOW-LIMITING CHECK FOR LO LEG DPT-261-5B															
2-0220-20A	1	AC	1	XFC	SA	A	O	C	26-2	5B	CC CO LT	RR OP Y10		RJ-00A CTP98-02 RJ-00A CTP98-02	
Valve Name FLOW-LIMITING CHECK FOR HI LEG DPT-261-5A															
2-0220-20B	1	AC	1	XFC	SA	A	O	C	26-2	3B	CC CO LT	RR OP Y10		RJ-00A CTP98-02 RJ-00A CTP98-02	
Valve Name FLOW-LIMITING CHECK FOR HI LEG DPT-261-5B															
2-0220-21A	1	AC	1	XFC	SA	A	O	C	26-2	8D	CC CO LT	RR OP Y10		RJ-00A CTP98-02 RJ-00A CTP98-02	
Valve Name FLOW-LIMITING CHECK FOR LO LEG FT-261-6A+B															

Reactor Recirculation (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0220-21B	1	AC	1	XFC	SA	A	O	C	26-2	1D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO LEG FT-261-6C+D															
2-0220-22A	1	AC	1	XFC	SA	A	O	C	26-2	8D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI LEG FT-261-6A+B															
2-0220-22B	1	AC	1	XFC	SA	A	O	C	26-2	1D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI LEG FT-261-6C+D															
2-0220-44	1	A	0.75	GL	AO	A	O	C	26-2	2E	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name RECIRCULATION LOOP SAMPLE ISOLATION VALVE															
2-0220-45	1	A	0.75	GL	AO	A	O	C	26-2	1E	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name RECIRCULATION LOOP SAMPLE ISOLATION VALVE															
2-0220-46	1	B	0.5	GL	AO	P	C	C	26-1	4E	PI	Y2			
											Valve Name REACTOR VESSEL HEAD VENT DRAIN VALVE				
2-0220-47	1	B	0.5	GL	AO	P	C	C	26-1	4E	PI	Y2			
											Valve Name REACTOR VESSEL HEAD VENT DRAIN VALVE				
2-0220-54	2	AC	1	XFC	SA	A	O	C	26-1	5E	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PS-261-20 & PI-261-21															
2-0220-67A	1	AC	1	XFC	SA	A	O	C	26-2	5F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 2-261-34A															
2-0220-67B	1	AC	1	XFC	SA	A	O	C	26-2	5F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 2-261-34A															

Reactor Recirculation (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0220-67C	1	AC	1	XFC	SA	A	O	C	26-2	5F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 2-261-34C															
2-0220-67D	1	AC	1	XFC	SA	A	O	C	26-2	5F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 2-261-34C															
2-0220-67E	1	AC	1	XFC	SA	A	O	C	26-2	3F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 2-261-34B															
2-0220-67F	1	AC	1	XFC	SA	A	O	C	26-2	3F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 2-261-34B															
2-0220-67G	1	AC	1	XFC	SA	A	O	C	26-2	3F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 2-261-34D															
2-0220-67H	1	AC	1	XFC	SA	A	O	C	26-2	3F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 2-261-34D															
2-0262-25A	1	AC	1	XFC	SA	A	O	C	26-2	7B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PT-262-7C															
2-0262-25B	1	AC	1	XFC	SA	A	O	C	26-2	2B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PT-262-7D															
2-0262-26A	1	AC	1	XFC	SA	A	O	C	26-2	7B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PT-262-7A															
2-0262-26B	1	AC	1	XFC	SA	A	O	C	26-2	2B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PT-262-7B															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0263-2-11	1	AC	1	XFC	SA	A	O	C	26-1	6E	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG LT-263-61															
2-0263-2-13A	1	AC	0.5	XFC	SA	A	O	C	26-1	5D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR REF LEG TO 2202-5															
2-0263-2-13B	1	AC	0.5	XFC	SA	A	O	C	26-1	3D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR REF LEG TO 2203-6															
2-0263-2-15A	1	AC	1	XFC	SA	A	O	C	26-1	5D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG TO 2202-5															
2-0263-2-15B	1	AC	1	XFC	SA	A	O	C	26-1	3D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG TO 2202-6															
2-0263-2-17A	1	AC	1	XFC	SA	A	O	C	26-1	5D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR RPV INSTRUMENTS															
2-0263-2-17B	1	AC	1	XFC	SA	A	O	C	26-1	3D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR RPV INSTRUMENTS															
2-0263-2-19A	1	AC	0.5	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG LT-646A															
2-0263-2-19B	1	AC	0.5	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG LT-646B															
2-0263-2-20A	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0263-2-20B	1	AC	1	XFC	SA	A	O	C	26-1	5B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-20C	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-20D	1	AC	1	XFC	SA	A	O	C	26-1	3B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-23A	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-23B	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-23C	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-23D	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-25	1	AC	1	XFC	SA	A	O	C	26-1	5B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ABOVE CORE PLATE PRESSURE															
2-0263-2-27	1	AC	1	XFC	SA	A	O	C	26-1	5B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR BELOW CORE PLATE PRESSURE															
2-0263-2-31B	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0263-2-31C	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31D	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31E	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31G	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31H	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31J	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31K	1	AC	1	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31M	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31N	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31P	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0263-2-31R	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31T	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31U	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31V	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-31W	1	AC	1	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
2-0263-2-33	1	AC	1	XFC	SA	A	O	C	26-1	3B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI LEG JET PUMP FT'S															
2-0263-42A	1	AC	0.5	XFC	SA	A	O	C	26-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LI 262-151A															
2-0263-42B	1	AC	0.5	XFC	SA	A	O	C	26-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LI 262-151B															
2-0299-100A	1	AC	0.375	CK	SA	A	O	O/C	26-3	6E	CC	RR		RJ-00B	
											CO	M3			
											LT	Y2			
											LTJ	AJ			
Valve Name RVWLIS "A" REACTOR FUEL ZONE RANGE BACKFILL INBOA															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0299-100B	1	AC	0.375	CK	SA	A	O	O/C	26-3	4E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
Valve Name RVWLIS "B" REACTOR FUEL ZONE RANGE BACKFILL INBOA															
2-0299-97A	1	AC	0.375	CK	SA	A	O	O/C	26-3	7E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
Valve Name RVWLIS "A" MEDIUM RANGE BACKFILL OUTBOARD CHECK VA															
2-0299-97B	1	AC	0.375	CK	SA	A	O	O/C	26-3	3E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
Valve Name RVWLIS "B" MEDIUM RANGE BACKFILL OUTBOARD CHECK VA															
2-0299-98A	1	AC	0.375	CK	SA	A	O	O/C	26-3	6E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
Valve Name RVWLIS "A" REACTOR FUEL ZONE RANGE BACKFILL OUTBOA															
2-0299-98B	1	AC	0.375	CK	SA	A	O	O/C	26-3	4E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
Valve Name RVWLIS "B" REACTOR FUEL ZONE RANGE BACKFILL OUTBOA															
2-0299-99A	1	AC	0.375	CK	SA	A	O	O/C	26-3	7E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
Valve Name RVWLIS "A" MEDIUM RANGE BACKFILL INBOARD CHECK VAL															
2-0299-99B	1	AC	0.375	CK	SA	A	O	O/C	26-3	3E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
Valve Name RVWLIS "B" MEDIUM RANGE BACKFILL INBOARD CHECK VAL															
3-0202-5A	1	B	28	GA	MO	A	O	C	357-2	6D	PI SC	Y2 CS		CS-02A	
Valve Name RX RECIRC "A" PUMP DISCHARGE															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0202-5B	1	B	28	GA	MO	A	O	C	357-2	3C	PI	Y2			
Valve Name RX RECIRC "B" PUMP DISCHARGE															
3-0205-24	1	A	2.5	GA	MO	A	C	C	357-1	6E	LT	AJ			
Valve Name REACTOR HEAD COOLING INLET CONTAINMENT ISOLATION V															
3-0205-27	1	AC	2.5	CK	SA	A	SYS	C	357-1	5E	CC	RR		RJ-00B	
Valve Name REACTOR HEAD COOLING INLET CONTAINMENT ISOLATION C															
3-0220-141	2	C	0.75	CK	SA	A	SYS	O/C	357-2	2E	CC	RR		RJ-00B	
Valve Name 0220-044 BYPASS CHECK VALVE															
3-0220-19A	1	AC	1	XFC	SA	A	O	C	357-2	5B	CC	RR		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO LEG DPT-261-5A															
3-0220-19B	1	AC	1	XFC	SA	A	O	C	357-2	3B	CC	RR		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO LEG DPT-261-5B															
3-0220-20A	1	AC	1	XFC	SA	A	O	C	357-2	5B	CC	RR		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI LEG DPT-261-5A															
3-0220-20B	1	AC	1	XFC	SA	A	O	C	357-2	3B	CC	RR		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI LEG DPT-261-5B															
3-0220-21A	1	AC	1	XFC	SA	A	O	C	357-2	8D	CC	RR		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO LEG FT-261-6A+B															
3-0220-21B	1	AC	1	XFC	SA	A	O	C	357-2	1D	CC	RR		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LO LEG FT-261-6C+D															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0220-22A	1	AC	1	XFC	SA	A	O	C	357-2	8D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI LEGFT-261-6A+B															
3-0220-22B	1	AC	1	XFC	SA	A	O	C	357-2	1D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI LEG FT-261-6C+D															
3-0220-44	1	A	0.75	GL	AO	A	O	C	357-2	2E	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name RECIRCULATION LOOP SAMPLE ISOLATION VALVE															
3-0220-45	1	A	0.75	GL	AO	A	O	C	357-2	1E	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name RECIRCULATION LOOP SAMPLE ISOLATION VALVE															
3-0220-46	1	B	0.5	GL	AO	P	C	C	357-1	4E	PI	Y2			
Valve Name REACTOR VESSEL HEAD VENT DRAIN VALVE															
3-0220-47	1	B	0.5	GL	AO	P	C	C	357-1	4E	PI	Y2			
Valve Name REACTOR VESSEL HEAD VENT DRAIN VALVE															
3-0220-54	2	AC	1	XFC	SA	A	O	C	357-1	5E	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PS-261-20 & PI-261-21															
3-0220-67A	1	AC	1	XFC	SA	A	O	C	357-2	5F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 3-261-34A															
3-0220-67B	1	AC	1	XFC	SA	A	O	C	357-2	5F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 3-261-34A															
3-0220-67C	1	AC	1	XFC	SA	A	O	C	357-2	5F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 3-261-34C															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0220-67D	1	AC	1	XFC	SA	A	O	C	357-2	5F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 3-261-34C															
3-0220-67E	1	AC	1	XFC	SA	A	O	C	357-2	3F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 3-261-34B															
3-0220-67F	1	AC	1	XFC	SA	A	O	C	357-2	3F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 3-261-34B															
3-0220-67G	1	AC	1	XFC	SA	A	O	C	357-2	3F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 3-261-34D															
3-0220-67H	1	AC	1	XFC	SA	A	O	C	357-2	3F	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR DPIS 3-261-34D															
3-0262-25A	1	AC	1	XFC	SA	A	O	C	357-2	7B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PT-262-7C															
3-0262-25B	1	AC	1	XFC	SA	A	O	C	357-2	2B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PT-262-7D															
3-0262-26A	1	AC	1	XFC	SA	A	O	C	357-2	7B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PT-262-7A															
3-0262-26B	1	AC	1	XFC	SA	A	O	C	357-2	2B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR PT-262-7B															
3-0263-2-11	1	AC	1	XFC	SA	A	O	C	357-1	5E	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG LT-263-61															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0263-2-13A	1	AC	1	XFC	SA	A	O	C	357-1	5D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR REF LEG TO 2203-5															
3-0263-2-13B	1	AC	1	XFC	SA	A	O	C	357-1	3D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR REF LEG TO 2203-6															
3-0263-2-15A	1	AC	1	XFC	SA	A	O	C	357-1	5D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG TO 2203-6															
3-0263-2-15B	1	AC	1	XFC	SA	A	O	C	357-1	3D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG TO 2203-6															
3-0263-2-17A	1	AC	1	XFC	SA	A	O	C	357-1	5D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR RPV INSTRUMENTS															
3-0263-2-17B	1	AC	1	XFC	SA	A	O	C	357-1	3D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR RPV INSTRUMENTS															
3-0263-2-19A	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG LT-646A															
3-0263-2-19B	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR VAR LEG LT-646B															
3-0263-2-20A	1	AC	1	XFC	SA	A	O	C	357-1	5B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-20B	1	AC	1	XFC	SA	A	O	C	357-1	5B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0263-2-20C	1	AC	1	XFC	SA	A	O	C	357-1	3B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-20D	1	AC	1	XFC	SA	A	O	C	357-1	3B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-23A	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-23B	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-23C	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-23D	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-25	1	AC	1	XFC	SA	A	O	C	357-1	5B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ABOVE CORE PLATE PRESSURE															
3-0263-2-27	1	AC	1	XFC	SA	A	O	C	357-1	5B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR BELOW CORE PLATE PRESSURE															
3-0263-2-31B	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31C	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0263-2-31D	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31E	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31G	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31H	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31J	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31K	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31M	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31N	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31P	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31R	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0263-2-31T	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31U	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31V	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-31W	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR JET PUMP FLOW LINE															
3-0263-2-33	1	AC	1	XFC	SA	A	O	C	357-1	3B	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HI LEG JET PUMP FT'S															
3-0263-42A	1	AC	1	XFC	SA	A	O	C	357-1	5C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LI 262-151A															
3-0263-42B	1	AC	1	XFC	SA	A	O	C	357-1	3C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR LI 262-151B															
3-0299-100A	1	AC	0.375	CK	SA	A	O	O/C	357-3	6E	CC	RR		RJ-00B	
											CO	M3			
											LT	Y2			
											LTJ	AJ			
Valve Name RVWLIS "A" REACTOR FUEL ZONE RANGE BACKFILL INBOA															
3-0299-100B	1	AC	0.375	CK	SA	A	O	O/C	357-3	4E	CC	RR		RJ-00B	
											CO	M3			
											LT	Y2			
											LTJ	AJ			
Valve Name RVWLIS "B" REACTOR FUEL ZONE RANGE BACKFILL INBOA															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0299-97A	1	AC	0.375	CK	SA	A	O	O/C	357-3	7E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	

Valve Name RVWLIS "A" MEDIUM RANGE BACKFILL OUTBOARD CHECK VA

3-0299-97B	1	AC	0.375	CK	SA	A	O	O/C	357-3	3E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
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Valve Name RVWLIS "B" MEDIUM RANGE BACKFILL OUTBOARD CHECK VA

3-0299-98A	1	AC	0.375	CK	SA	A	O	O/C	357-3	6E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
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Valve Name RVWLIS "A" REACTOR FUEL ZONE RANGE BACKFILL OUTBOA

3-0299-98B	1	AC	0.375	CK	SA	A	O	O/C	357-3	4E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
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Valve Name RVWLIS "B" REACTOR FUEL ZONE RANGE BACKFILL OUTBOA

3-0299-99A	1	AC	0.375	CK	SA	A	O	O/C	357-3	7E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
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Valve Name RVWLIS "A" MEDIUM RANGE BACKFILL INBOARD CHECK VAL

3-0299-99B	1	AC	0.375	CK	SA	A	O	O/C	357-3	3E	CC CO LT LTJ	RR M3 Y2 AJ		RJ-00B	
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Valve Name RVWLIS "B" MEDIUM RANGE BACKFILL INBOARD CHECK VAL

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0301-122	NC	C	1	CK	SA	A	SYS	O/C	34-2	4B	CC CO	RR RR		RJ-03A RJ-03A	
Valve Name CRD BACKUP SCRAM BYPASS CHECK VALVE															
2-0302-157A	2	B	2	GA	AO	A	O	C	34-2	7A	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME DRAIN VALVE															
2-0302-157B	2	B	2	GA	AO	A	O	C	34-2	6A	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME DRAIN VALVE															
2-0302-158A	2	B	2	GA	AO	A	O	C	34-2	8A	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME DRAIN VALVE															
2-0302-158B	2	B	2	GA	AO	A	O	C	34-2	5A	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME DRAIN VALVE															
2-0302-160A	2	B	1	GA	AO	A	O	C	34-2	8B	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME VENT VALVE															
2-0302-160B	2	B	1	GA	AO	A	O	C	34-2	4B	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME VENT VALVE															
2-0302-161A	2	B	1	GA	AO	A	O	C	34-2	8B	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME VENT VALVE															
2-0302-161B	2	B	1	GA	AO	A	O	C	34-2	4B	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME VENT VALVE															
2-0302-19A	NC	B	1.5	3W	SO	A	D	E	34-2	3B	SE	RR		RJ-03A	
Valve Name BACKUP SCRAM VALVE															
2-0302-19B	NC	B	1.5	3W	SO	A	D	E	34-2	3B	SE	RR		RJ-03A	
Valve Name BACKUP SCRAM VALVE															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0302-20A	NC	B	0.5	3W	SO	A	E	D	34-2	3B	FD	RR		RJ-03A	
Valve Name SCRAM DISCHARGE VOLUME PILOT VALVE															
2-0302-20B	NC	B	0.5	3W	SO	A	E	D	34-2	3B	FD	RR		RJ-03A	
Valve Name SCRAM DISCHARGE VOLUME PILOT VALVE															
2-0305-114	2	C	0.75	CK	SA	A	SYS	O	34-2	2D	CC	N/A			CTP00-04
Valve Name HCU SCRAM DISCHARGE RISER BALL CHECK VALVE (typica															
2-0305-115	1	AC	0.5	CK	SA	A	SYS	C	34-2	1C	CC	CS	RV-03B	CS-03A	
Valve Name HCU ACCUMULATOR CHARGING WATER CHECK VALVE (typica															
2-0305-117	NC	B	0.5	3W	SO	A	E	D	34-2	1C	FD	RR			TP-03B
Valve Name HCU SCRAM PILOT VALVE (typical of 177)															
2-0305-118	NC	B	0.5	3W	SO	A	E	D	34-2	1C	FD	RR			TP-03B
Valve Name HCU SCRAM PILOT VALVE (typical of 177)															
2-0305-120	1	B	0.5	GA	SO	A	C	C	34-2	1D	FC	M3			TP-03B
Valve Name HCU CONTROL ROD DRIVE WITHDRAWAL EXHAUST WATER VAL															
2-0305-121	1	B	0.5	GA	SO	A	C	C	34-2	2D	FC	M3			TP-03B
Valve Name HCU CONTROL ROD DRIVE INSERT EXHAUST WATER VALVE (
2-0305-122	1	B	0.5	GA	SO	A	C	C	34-2	2C	FC	M3			TP-03B
Valve Name HCU CONTROL ROD DRIVE WITHDRAWAL DRIVE WATER SUPPL															
2-0305-123	1	B	0.5	GA	SO	A	C	C	34-2	1C	FC	M3			TP-03B
Valve Name HCU CONTROL ROD DRIVE INSERT DRIVE WATER SUPPLY VA															
2-0305-126	1	B	0.5	GA	AO	A	C	O	34-2	1C	FO	RR	RV-03B		
Valve Name HCU SCRAM INLET VALVE (typical of 177)															
2-0305-127	1	B	0.75	GA	AO	A	C	O	34-2	2C	FO	RR	RV-03B		
Valve Name HCU SCRAM OUTLET VALVE (typical of 177)															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0305-137	1	C	0.5	CK	SA	A	SYS	C	34-2	2D	CC CO	RR N/A			TP-03B CTP00-04
Valve Name HCU CONTROL ROD DRIVE WATER SUPPLY CHECK VALVE (ty															
2-0305-138	1	C	0.5	CK	SA	A	SYS	C	34-2	1D	CC CO	M3 N/A			TP-03A CTP00-04
Valve Name HCU COOLING WATER BALL CHECK VALVE (typical of 177															
2-0399-506	NC	A	1	GA	M	P	LC	C	34-1	7C	LT	AJ			
Valve Name CRD SYSTEM HYDRO SUPPLY TO RECIRC PUMPS ISOLATION															
2-0399-524A	NC	B	1	3W	SO	A	D	E	34-2	3C	SE	RR			RJ-03B
Valve Name ATWS-ARI VALVE															
2-0399-524B	NC	B	1	3W	SO	A	D	E	34-2	3C	SE	RR			RJ-03B
Valve Name ATWS-ARI VALVE															
2-0399-525	NC	C	1	CK	SA	A	SYS	O/C	34-2	3C	CC CO	RR RR			RJ-03B RJ-03B
Valve Name ATWS-AIR HEADER ARI BYPASS CHECK VALVE															
2-0399-548A	NC	B	1	GA	SO	A	C	O	34-2	2D	SO	RR			RJ-03B
Valve Name ATWS-ARI BACKUP VALVE															
2-0399-548B	NC	B	1	GA	SO	A	C	O	34-2	2E	SO	RR			RJ-03B
Valve Name ATWS-ARI BACKUP VALVE															
2-0399-549A	NC	B	1	GA	SO	A	C	O	34-2	2B	SO	RR			RJ-03B
Valve Name ATWS-ARI SCRAM DISCHARGE VOLUME PILOT VALVE															
2-0399-549B	NC	B	1	GA	SO	A	C	O	34-2	2B	SO	RR			RJ-03B
Valve Name ATWS-ARI SCRAM DISCHARGE VOLUME PILOT VALVE															
2-0399-587	NC	A	1	GA	M	P	LC	C	34-1	7C	LT	AJ			
Valve Name CRD SYSTEM HYDRO SUPPLY TO RECIRC PUMPS ISOLATION															
2-0399-593	NC	AC	2.5	CK	SA	A	SYS	C	34-1	6E	CC CO LT	RR OP Y2			RJ-00B CTP01-01
Valve Name CRD COMMON DISCHARGE LINE SECONDARY CONTAINMENT IS															
2-0399-594	NC	AC	2.5	CK	SA	A	SYS	C	34-1	6E	CC CO LT	RR OP Y2			RJ-00B CTP01-01
Valve Name CRD COMMON DISCHARGE LINE SECONDARY CONTAINMENT IS															
2-0399-600	NC	C	1	RV	SA	A	C	O	34-1	8C	RT	Y10			
Valve Name CRD SYS HYDRO SUPPLY LINE RLF VLV															
3-0301-122	NC	C	1	CK	SA	A	SYS	O/C	365-2	4C	CC CO	RR RR			RJ-03A RJ-03A
Valve Name CRD BACKUP SCRAM BYPASS CHECK VALVE															

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Control Rod Drive (Page 4)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0302-156A	2	B	2	GA	AO	A	O	C	365-2	7A	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME DRAIN VALVE															
3-0302-156B	2	B	2	GA	AO	A	O	C	365-2	5A	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME DRAIN VALVE															
3-0302-157A	2	B	2	GA	AO	A	O	C	365-2	7A	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME DRAIN VALVE															
3-0302-157B	2	B	2	GA	AO	A	O	C	365-2	5A	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME DRAIN VALVE															
3-0302-160A	2	B	1	GA	AO	A	O	C	365-2	8B	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME VENT VALVE															
3-0302-160B	2	B	1	GA	AO	A	O	C	365-2	4B	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME VENT VALVE															
3-0302-161A	2	B	1	GA	AO	A	O	C	365-2	8B	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME VENT VALVE															
3-0302-161B	2	B	1	GA	AO	A	O	C	365-2	4B	FC PI SC	M3 Y2 M3			
Valve Name SCRAM DISCHARGE VOLUME VENT VALVE															
3-0302-19A	NC	B	1.5	3W	SO	A	D	E	365-2	3C	SE	RR		RJ-03A	
Valve Name BACKUP SCRAM VALVE															
3-0302-19B	NC	B	1.5	3W	SO	A	D	E	365-2	3C	SE	RR		RJ-03A	
Valve Name BACKUP SCRAM VALVE															
3-0302-20A	NC	B	0.5	3W	SO	A	E	D	365-2	3C	FD SD	RR RR		RJ-03A RJ-03A	
Valve Name SCRAM DISCHARGE VOLUME PILOT VALVE															

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Control Rod Drive (Page 5)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0302-20B	NC	B	0.5	3W	SO	A	E	D	365-2	3C	FD SD	RR RR		RJ-03A RJ-03A	
Valve Name SCRAM DISCHARGE VOLUME PILOT VALVE															
3-0305-114	2	C	0.75	CK	SA	A	SYS	O	365-2	2D	CC CO	N/A RR	RV-03B		CTP00-04 CTP00-04
Valve Name HCU SCRAM DISCHARGE RISER BALL CHECK VALVE (typica															
3-0305-115	1	AC	0.5	CK	SA	A	SYS	C	365-2	1C	CC CO LT	CS N/A Y2		CS-03A	CTP00-04
Valve Name HCU ACCUMULATOR CHARGING WATER CHECK VALVE (typica															
3-0305-117	NC	B	0.5	3W	SO	A	E	D	365-2	1D	FD SD	RR RR			TP-03B TP-03B
Valve Name HCU SCRAM PILOT VALVE (typical of 177)															
3-0305-118	NC	B	0.5	3W	SO	A	E	D	365-2	1D	FD SD	RR RR			TP-03B TP-03B
Valve Name HCU SCRAM PILOT VALVE (typical of 177)															
3-0305-120	1	B	0.5	GA	SO	A	C	C	365-2	1D	FC SC	M3 M3			TP-03B TP-03B
Valve Name HCU CONTROL ROD DRIVE WITHDRAWAL EXHAUST WATER VAL															
3-0305-121	1	B	0.5	GA	SO	A	C	C	365-2	2D	FC SC	M3 M3			TP-03B TP-03B
Valve Name HCU CONTROL ROD DRIVE INSERT EXHAUST WATER VALVE (
3-0305-122	1	B	0.5	GA	SO	A	C	C	365-2	2D	FC SC	M3 M3			TP-03B TP-03B
Valve Name HCU CONTROL ROD DRIVE WITHDRAWAL DRIVE WATER SUPPL															
3-0305-123	1	B	0.5	GA	SO	A	C	C	365-2	1D	FC SC	M3 M3			TP-03B TP-03B
Valve Name HCU CONTROL ROD DRIVE INSERT DRIVE WATER SUPPLY VA															
3-0305-126	1	B	0.5	GA	AO	A	C	O	365-2	1C	FO PI SO	RR Y2 RR	RV-03B RV-03B RV-03B		
Valve Name HCU SCRAM INLET VALVE (typical of 177)															
3-0305-127	1	B	0.75	GA	AO	A	C	O	365-2	2D	FO PI SO	RR Y2 RR	RV-03B RV-03B RV-03B		
Valve Name HCU SCRAM OUTLET VALVE (typical of 177)															
3-0305-137	1	C	0.5	CK	SA	A	SYS	C	365-2	2D	CC CO	RR N/A			TP-03B CTP00-04
Valve Name HCU CONTROL ROD DRIVE WATER SUPPLY CHECK VALVE (ty															

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Control Rod Drive (Page 6)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0305-138	1	C	0.5	CK	SA	A	SYS	C	365-2	1D	CC CO	M3 N/A			TP-03A CTP00-04
Valve Name HCU COOLING WATER BALL CHECK VALVE (typical of 177)															
3-0399-506	NC	A	1	GA	M	P	LC	C	365-1	7C	LT	AJ			
Valve Name CRD SYSTEM HYDRO SUPPLY TO RECIRC PUMPS ISOLATION															
3-0399-524A	NC	B	1	3W	SO	A	D	E	365-2	3D	SE	RR		RJ-03B	
Valve Name ATWS-ARI VALVE															
3-0399-524B	NC	B	1	3W	SO	A	D	E	365-2	3D	SE	RR		RJ-03B	
Valve Name ATWS-ARI VALVE															
3-0399-525	NC	C	1	CK	SA	A	SYS	O/C	365-2	3D	CC CO	RR RR		RJ-03B RJ-03B	
Valve Name ATWS-AIR HEADER ARI BYPASS CHECK VALVE															
3-0399-548A	NC	B	1	GA	SO	A	C	O	365-2	2E	SO	RR		RJ-03B	
Valve Name ATWS-ARI BACKUP VALVE															
3-0399-548B	NC	B	1	GA	SO	A	C	O	365-2	2E	SO	RR		RJ-03B	
Valve Name ATWS-ARI BACKUP VALVE															
3-0399-549A	NC	B	1	GA	SO	A	C	O	365-2	2C	SO	RR		RJ-03B	
Valve Name ATWS-ARI SCRAM DISCHARGE VOLUME PILOT VALVE															
3-0399-549B	NC	B	1	GA	SO	A	C	O	365-2	2C	SO	RR		RJ-03B	
Valve Name ATWS-ARI SCRAM DISCHARGE VOLUME PILOT VALVE															
3-0399-587	NC	A	1	GA	M	P	LC	C	365-1	7C	LT	AJ			
Valve Name CRD SYSTEM HYDRO SUPPLY TO RECIRC PUMPS ISOLATION															
3-0399-593	NC	AC	2.5	CK	SA	A	SYS	C	365-1	6D	CC CO LT	RR OP Y2		RJ-00B	CTP01-01
Valve Name CRD COMMON DISCHARGE LINE SECONDARY CONTAINMENT IS															
3-0399-594	NC	AC	2.5	CK	SA	A	SYS	C	365-1	6D	CC CO LT	RR OP Y2		RJ-00B	CTP01-01
Valve Name CRD COMMON DISCHARGE LINE SECONDARY CONTAINMENT IS															
3-0399-600	NC	C	1	RV	SA	A	C	O	365-1	8C	RT	Y10			
Valve Name CRD SYS HYDRO SUPPLY LINE RLF VLV															

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Traversing In-Core Probe (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-0733-A	NC	A	0.5	BAL	SO	A	C	C	37-2	1F	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
2-0733-B	NC	A	0.5	BAL	SO	A	C	C	37-2	1F	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
2-0733-C	NC	A	0.5	BAL	SO	A	C	C	37-2	1F	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
2-0733-D	NC	A	0.5	BAL	SO	A	C	C	37-2	1F	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
2-0733-E	NC	A	0.5	BAL	SO	A	C	C	37-2	1F	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
2-0736-1	NC	D	0.5	SHR	EXP	A	O	C	37-2	1F	DT	SA2			
Valve Name TIP SHEAR VALVE															
2-0736-2	NC	D	0.5	SHR	EXP	A	O	C	37-2	1F	DT	SA2			
Valve Name TIP SHEAR VALVE															
2-0736-3	NC	D	0.5	SHR	EXP	A	O	C	37-2	1F	DT	SA2			
Valve Name TIP SHEAR VALVE															
2-0736-4	NC	D	0.5	SHR	EXP	A	O	C	37-2	1F	DT	SA2			
Valve Name TIP SHEAR VALVE															
2-0736-5	NC	D	0.5	SHR	EXP	A	O	C	37-2	1F	DT	SA2			
Valve Name TIP SHEAR VALVE															
2-4799-514	NC	AC	0.5	CK	SA	A	O	C	37-2	4F	CC	RR		RJ-00B	
											CO	RR		RJ-00B	
											LT	AJ			
Valve Name TIP VALVE PURGE ASSEMBLY OUTLET CHECK VALVE															

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Traversing In-Core Probe (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-0733-A	NC	A	0.5	BAL	SO	A	C	C	367-3	6A	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
3-0733-B	NC	A	0.5	BAL	SO	A	C	C	367-3	6A	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
3-0733-C	NC	A	0.5	BAL	SO	A	C	C	367-3	6A	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
3-0733-D	NC	A	0.5	BAL	SO	A	C	C	367-3	6A	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
3-0733-E	NC	A	0.5	BAL	SO	A	C	C	367-3	6A	LT	AJ			
											PI-C	Y2			
											PI-O	Y2			
											SC	M3			
Valve Name TIP BALL VALVE															
3-0736-1	NC	D	0.5	SHR	EXP	A	O	C	367-3	6A	DT	SA2			
Valve Name TIP SHEAR VALVE															
3-0736-2	NC	D	0.5	SHR	EXP	A	O	C	367-3	6A	DT	SA2			
Valve Name TIP SHEAR VALVE															
3-0736-3	NC	D	0.5	SHR	EXP	A	O	C	367-3	6A	DT	SA2			
Valve Name TIP SHEAR VALVE															
3-0736-4	NC	D	0.5	SHR	EXP	A	O	C	367-3	6A	DT	SA2			
Valve Name TIP SHEAR VALVE															
3-0736-5	NC	D	0.5	SHR	EXP	A	O	C	367-3	6A	DT	SA2			
Valve Name TIP SHEAR VALVE															
3-4799-514	NC	AC	0.5	CK	SA	A	O	C	367-2	4F	CC	RR		RJ-00B	
											CO	RR		RJ-00B	
											LT	AJ			
Valve Name TIP VALVE PURGE ASSY OUTLET CHECK															

Shutdown Cooling (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1001-1A	1	A	16	GA	MO	A	C	C	32	9B	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name SDC SUCTION ISOLATION VALVE															
2-1001-1B	1	A	16	GA	MO	A	C	C	32	9E	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name SDC SUCTION ISOLATION VALVE															
2-1001-2A	1	A	14	GA	MO	A	C	C	32	8A	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name 2A SDC PUMP SUCTION ISOLATION VALVE															
2-1001-2B	1	A	14	GA	MO	A	C	C	32	8C	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name 2B SDC PUMP SUCTION ISOLATION VALVE															
2-1001-2C	1	A	14	GA	MO	A	C	C	32	8F	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name 2C SDC PUMP SUCTION ISOLATION VALVE															
2-1001-5A	1	A	14	GA	MO	A	C	C	32	1E	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name SDC RETURN ISOLATION VALVE															
2-1001-5B	1	A	14	GA	MO	A	C	C	32	2E	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name SDC RETURN ISOLATION VALVE															
2-1099-29	1	C	1	RV	SA	A	C	O/C	32	9C	RT	Y5			
Valve Name SDC SUCTION LINE OVER PRESSURE RELIEF VALVE															
3-1001-1A	1	A	16	GA	MO	A	C	C	363	9B	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name SDC SUCTION LINE ISOLATION VALVE															
3-1001-1B	1	A	16	GA	MO	A	C	C	363	9E	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name SDC SUCTION LINE ISOLATION VALVE															

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Shutdown Cooling (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1001-2A	1	A	14	GA	MO	A	C	C	363	8A	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name 3A SDC PUMP SUCTION ISOLATION VALVE															
3-1001-2B	1	A	14	GA	MO	A	C	C	363	8C	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name 3B SDC PUMP SUCTION ISOLATION VALVE															
3-1001-2C	1	A	14	GA	MO	A	C	C	363	8F	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name 3C SDC PUMP SUCTION ISOLATION VALVE															
3-1001-5A	1	A	14	GA	MO	A	C	C	363	1E	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name SDC RETURN ISOLATION VALVE															
3-1001-5B	1	A	14	GA	MO	A	C	C	363	2E	LT PI SC	AJ Y2 CS		CS-10A	
Valve Name SDC RETURN ISOLATION VALVE															
3-1099-29	1	C	1	RV	SA	A	C	O/C			RT	Y5			
Valve Name SDC INLET HEADER RELIEF															

Standby Liquid Control (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1101-1	1	B	1.5	GA	M	P	O	O	33	2C	PI	Y2			
Valve Name SBLC INJECTION LINE MANUAL ISOLATION VALVE															
2-1101-15	1	AC	1.5	CK	SA	A	C	O/C	33	3C	CCF	CM			CTP00-02
COF RR CTP00-02															
Valve Name SBLC INJECTION LINE CHECK VALVE															
2-1101-16	1	AC	1.5	CK	SA	A	C	O/C	33	3C	CCF	CM			CTP00-02
COF RR CTP00-02															
Valve Name SBLC INJECTION LINE CHECK VALVE															
2-1101-43A	2	C	1.5	CK	SA	A	C	O/C	33	6D	CCD	SA			CTP00-02
COF M3 CTP00-02															
Valve Name "A" SBLC PUMP DISCHARGE CHECK VALVE															
2-1101-43B	2	C	1.5	CK	SA	A	C	O/C	33	6E	CCD	SA			CTP00-02
COF M3 CTP00-02															
Valve Name "B" SBLC PUMP DISCHARGE CHECK VALVE															
2-1105-A	2	C	1.5	RV	SA	A	C	O/C	33	6C	RT	Y10			
Valve Name "A" SBLC PUMP DISCHARGE RELIEF VALVE															
2-1105-B	2	C	1.5	RV	SA	A	C	O/C	33	6D	RT	Y10			
Valve Name "B" SBLC PUMP DISCHARGE RELIEF VALVE															
2-1106-A	2	D	1.5	SHR	EXP	A	C	O	33	4C	DT	SA2			
Valve Name "A" SBLC SQUIB VALVE															
2-1106-B	2	D	1.5	SHR	EXP	A	C	O	33	4D	DT	SA2			
Valve Name "B" SBLC SQUIB VALVE															
3-1101-1	1	B	1.5	GA	M	P	O	O	364	2D	PI	Y2			
Valve Name SBLC INJECTION LINE MANUAL ISOLATION VALVE															
3-1101-15	1	AC	1.5	CK	SA	A	C	O/C	364	2D	CCF	CM			CTP00-02
COF RR CTP00-02															
Valve Name SBLC INJECTION LINE CHECK VALVE															
3-1101-16	1	AC	1.5	CK	SA	A	C	O/C	364	3D	CCF	CM			CTP00-02
COF RR CTP00-02															
Valve Name SBLC INJECTION LINE CHECK VALVE															
3-1101-43A	2	C	1.5	CK	SA	A	C	O/C	364	6D	CCD	SA			CTP00-02
COF M3 CTP00-02															
Valve Name "A" SBLC PUMP DISCHARGE RELIEF VALVE															
3-1101-43B	2	C	1.5	CK	SA	A	C	O/C	364	5E	CCD	SA			CTP00-02
COF M3 CTP00-02															
Valve Name "B" SBLC PUMP DISCHARGE RELIEF VALVE															
3-1105-A	2	C	1.5	RV	SA	A	C	O/C	364	6C	RT	Y10			
Valve Name "A" SBLC PUMP DISCHARGE RELIEF VALVE															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1105-B	2	C	1.5	RV	SA	A	C	O/C	364	6D	RT	Y10			
Valve Name "B" SBLC PUMP DISCHARGE RELIEF VALVE															
3-1106-A	2	D	1.5	SHR	EXP	A	C	O	364	4C	DT	SA2			
Valve Name "A" SBLC SQUIB VALVE															
3-1106-B	2	D	1.5	SHR	EXP	A	C	O	364	4D	DT	SA2			
Valve Name "B" SBLC SQUIB VALVE															

Reactor Water Cleanup (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1201-1	1	A	8	GA	MO	A	O	C	30	3A	LT PI SC	AJ Y2 M3			
Valve Name RWCU SYSTEM INLET ISOLATION VALVE															
2-1201-158	2	C	8	CK	SA	A	SYS	C	30	5B	CC CO	RR OP		RJ-00B	CTP01-01
Valve Name RWCU TO FEEDWATER CHECK VALVE															
2-1201-1A	1	A	2	GL	MO	A	C	C	30	3A	LT PI SC	AJ Y2 M3			
Valve Name RWCU SYSTEM INLET ISOLATION BYPASS VALVE															
2-1201-2	1	A	8	GA	MO	A	O	C	30	4A	LT PI SC	AJ Y2 M3			
Valve Name RWCU AUXILIARY PUMP BYPASS ISOLATION VALVE															
2-1201-3	1	A	8	GA	MO	A	C	C	30	4A	LT PI SC	AJ Y2 M3			
Valve Name RWCU AUXILIARY PUMP SUCTION ISOLATION VALVE															
2-1299-285	2	C	0.75	CK	SA	A	SYS	O/C	30	4A	CC CO LT	RR RR AJ		RJ-00B RJ-12A	
Valve Name RWCU SYS INLET OVER PRESS CHK VLV															
3-1201-1	1	A	8	GA	MO	A	O	C	361	6F	LT PI SC	AJ Y2 M3			
Valve Name RWCU SYSTEM INLET ISOLATION VALVE															
3-1201-158	2	C	8	CK	SA	A	SYS	C	361	5E	CC CO	RR OP		RJ-00B	CTP01-01
Valve Name RWCU TO FEEDWATER CHECK VALVE															
3-1201-1A	1	A	2	GA	MO	A	C	C	361	6F	LT PI SC	AJ Y2 M3			
Valve Name RWCU SYSTEM INLET ISOLATION BYPASS VALVE															
3-1201-2	1	A	8	GA	MO	A	O	C	361	6F	LT PI SC	AJ Y2 M3			
Valve Name RWCU AUXILIARY PUMP BYPASS ISOLATION VALVE															

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Reactor Water Cleanup (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1201-3	1	A	8	GA	MO	A	C	C	361	6F	LT	AJ			
											PI	Y2			
											SC	M3			

Valve Name RWCU AUXILIARY PUMP SUCTION ISOLATION VALVE

3-1299-285	2	C	0.75	CK	SA	A	SYS	O/C	361	4A	CC	RR		RJ-00B	
											CO	RR		RJ-12A	
											LT	AJ			

Valve Name RWCU SYS INLET OVER PRESS CHK VLV

Isolation Condenser (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1301-1	1	A	14	GA	MO	A	O	O/C	28	9C	LT PI SC	AJ Y2 M3			TP-00F
Valve Name ISOLATION CONDENSER STEAM INLET															
2-1301-11	3	C	4	CK	SA	A	SYS	C	28	3C	CCD COD	SA SA			CTP00-02 CTP00-02
Valve Name ISOLATION CONDENSER CONTAMINATED DEMIN FILL CHECK															
2-1301-17	2	A	0.75	GL	AO	A	O	O/C	28	3A	FC LT PI SC	M3 AJ Y2 M3			TP-00F
Valve Name ISOLATION CONDENSER VENT TO MAIN STEAM LINE															
2-1301-2	1	A	14	GA	MO	A	O	O/C	28	9B	LT PI SC	AJ Y2 M3			TP-00F
Valve Name ISOLATION CONDENSER STEAM INLET															
2-1301-20	NC	A	0.75	GL	AO	A	O	C	28	4A	FC LT PI SC	M3 AJ Y2 M3			TP-00F
Valve Name ISOLATION CONDENSER VENT TO MAIN STEAM LINE															
2-1301-23	1	AC	0.5	XFC	SA	A	O	C	28	10C	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ISOLATION CONDENSER STEAM															
2-1301-24	1	AC	0.5	XFC	SA	A	O	C	28	10C	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ISOLATION CONDENSER STEAM															
2-1301-29	1	AC	0.5	XFC	SA	A	O	C	28	8E	CC CO LT	RR OP Y10		RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ISOLATION CONDENSER STEAM															
2-1301-3	1	A	12	GA	MO	A	C	O/C	28	7E	LT PI SC SO	AJ Y2 M3 M3			
Valve Name ISOLATION CONDENSER CONDENSATE OUTLET															

Isolation Condenser (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1301-30	1	AC	0.5	XFC	SA	A	O	C	28	8E	CC CO LT	RR OP Y10		RJ-00A RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ISOLATION CONDENSER STEAM															
2-1301-4	1	A	12	GA	MO	A	O	O/C	28	8E	LT PI SC	AJ Y2 M3			TP-00F
Valve Name ISOLATION CONDENSER CONDENSATE OUTLET															
2-4399-73	3	C	4	CK	SA	A	SYS	C	28	B1	CCD COD	SA SA			CTP00-02 CTP00-02
Valve Name ISOLATION CONDENSER CLEAN DEMIN FILL CHECK															
3-1301-1	1	A	14	GA	MO	A	O	O/C	359	9C	LT PI SC	AJ Y2 M3			TP-00F
Valve Name ISOLATION CONDENSER STEAM INLET															
3-1301-11	3	C	4	CK	SA	A	SYS	C	359	3C	CCD COD	SA SA			CTP00-02 CTP00-02
Valve Name ISOLATION CONDENSER CONTAMINATED DEMIN FILL CHECK															
3-1301-17	2	A	0.75	GL	AO	A	O	O/C	359	2A	FC LT PI SC	M3 AJ Y2 M3			TP-00F
Valve Name ISOLATION CONDENSER VENT TO MAIN STEAM LINE															
3-1301-2	1	A	14	GA	MO	A	O	O/C	359	10B	LT PI SC	AJ Y2 M3			TP-00F
Valve Name ISOLATION CONDENSER STEAM INLET															
3-1301-20	NC	A	0.75	GL	AO	A	O	C	359	3A	FC LT PI SC	M3 AJ Y2 M3			TP-00F
Valve Name ISOLATION CONDENSER VENT TO MAIN STEAM LINE															
3-1301-23	1	AC	0.5	XFC	SA	A	O	C	359	10C	CC CO LT	RR OP Y10		RJ-00A RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ISOLATION CONDENSER STEAM															
3-1301-24	1	AC	0.5	XFC	SA	A	O	C	359	10C	CC CO LT	RR OP Y10		RJ-00A RJ-00A	CTP98-02 CTP98-02 CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ISOLATION CONDENSER STEAM															

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Isolation Condenser (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1301-29	1	AC	0.5	XFC	SA	A	O	C	359	7E	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ISOLATION CONDENSER STEAM															
3-1301-3	1	A	12	GA	MO	A	C	O/C	359	7D	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name ISOLATION CONDENSER CONDENSATE OUTLET															
3-1301-30	1	AC	0.5	XFC	SA	A	O	C	359	7E	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR ISOLATION CONDENSER STEAM															
3-1301-4	1	A	12	GA	MO	A	O	O/C	359	8E	LT	AJ			
											PI	Y2			
											SC	M3			TP-00F
Valve Name ISOLATION CONDENSER CONDENSATE OUTLET															
3-4399-73	3	C	4	CK	SA	A	SYS	C	359	8A	CCD	SA			CTP00-02
											COD	SA			CTP00-02
Valve Name ISOLATION CONDENSER CLEAN DEMIN SUPPLY															

Core Spray (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1402-13A	2	C	1.5	SCK	SA	A	SYS	O	27	10C	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name 2A CORE SPRAY PUMP MIN FLOW STOP CHECK															
2-1402-13B	2	C	1.5	SCK	SA	A	SYS	O	27	7D	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name 2B CORE SPRAY PUMP MIN FLOW STOP CHECK															
2-1402-24A	2	A	10	GA	MO	A	O	O/C	27	2B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name 2A CORE SPRAY PUMP UP-STREAM INJECTION VALVE															
2-1402-24B	2	A	10	GA	MO	A	O	O/C	27	5B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name 2B CORE SPRAY PUMP UP-STREAM INJECTION															
2-1402-25A	1	A	10	GA	MO	A	C	O/C	27	2C	LT	AJ			TP-00B
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name 2A CORE SPRAY PUMP DOWN-STREAM INJECTION															
2-1402-25B	1	A	10	GA	MO	A	C	O/C	27	5C	LT	AJ			TP-00B
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name 2B CORE SPRAY PUMP DOWN-STREAM INJECTION															
2-1402-28A	2	C	2	RV	SA	A	C	O/C	27	10B	RT	Y10			
Valve Name 2A CORE SPRAY PUMP DISCHARGE RELIEF															
2-1402-28B	2	C	2	RV	SA	A	C	O/C	27	6C	RT	Y10			
Valve Name 2B CORE SPRAY PUMP DISCHARGE RELIEF															
2-1402-31A	1	AC	0.5	XFC	SA	A	O	C	27	3D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name CORE SPRAY FLOW-LIMITING CHECK															
2-1402-31B	1	AC	0.5	XFC	SA	A	O	C	27	4D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name CORE SPRAY FLOW-LIMITING CHECK															

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Core Spray (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1402-34A	2	C	0.75	CK	SA	A	SYS	O/C	27	8D	CC CO	M3 M3			TP-00I
Valve Name ECCS KEEP FILL TO CORE SPRAY LOOP A															
2-1402-34B	2	C	0.75	CK	SA	A	SYS	O/C	27	6D	CC CO	M3 M3			TP-00I
Valve Name ECCS KEEP FILL TO CORE SPRAY LOOP B															
2-1402-36A	2	C	0.75	SCK	SA	A	SYS	O/C	27	9D	CC CO	M3 M3			TP-00I
Valve Name ECCS KEEP FILL TO CORE SPRAY STOP CHECK															
2-1402-36B	2	C	0.75	SCK	SA	A	SYS	O/C	27	6D	CC CO	M3 M3			TP-00I
Valve Name ECCS KEEP FILL TO CORE SPRAY STOP CHECK															
2-1402-38A	2	B	1.5	GA	MO	A	O	O/C	27	8B	PI SC SO	Y2 M3 M3			TP-00H
Valve Name 2A CORE SPRAY PUMP MIN FLOW															
2-1402-38B	2	B	1.5	GA	MO	A	O	O/C	27	7C	PI SC SO	Y2 M3 M3			TP-00H
Valve Name 2B CORE SPRAY PUMP MIN FLOW															
2-1402-3A	2	B	16	GA	MO	A	O	O/C	27	7F	PI SC	Y2 M3			TP-00H TP-00F
Valve Name 2A CORE SPRAY PUMP SUCTION FROM TORUS															
2-1402-3B	2	B	16	GA	MO	A	O	O/C	27	6E	PI SC	Y2 M3			TP-00H TP-00F
Valve Name 2B CORE SPRAY PUMP SUCTION FROM TORUS															
2-1402-4A	2	B	8	GL	MO	A	C	C	27	8B	PI SC	Y2 M3			TP-00H
Valve Name 2A CORE SPRAY PUMP TEST RETURN TO TORUS															
2-1402-4B	2	B	8	GL	MO	A	C	C	27	8B	PI SC	Y2 M3			TP-00H
Valve Name 2B CORE SPRAY PUMP TEST RETURN TO TORUS															
2-1402-6A	1	B	10	GA	M	P	LO	O	27	3C	PI	Y2			
Valve Name CORE SPRAY DISCHARGE HEADER MANUAL ISOLATION															
2-1402-6B	1	B	10	GA	M	P	LO	O	27	4C	PI	Y2			
Valve Name CORE SPRAY DISCHARGE HEADER MANUAL ISOLATION															

Core Spray (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1402-8A	2	C	12	SCK	SA	A	SYS	O/C	27	9C	CC CO CP	M3 CS M3		CS-00A	
Valve Name 2A CORE SPRAY PUMP DISCHARGE STOP CHECK															
2-1402-8B	2	C	12	SCK	SA	A	SYS	O/C	27	7D	CC CO CP	M3 CS M3		CS-00A	
Valve Name 2B CORE SPRAY PUMP DISCHARGE STOP CHECK															
2-1402-9A	1	AC	10	CK	SA	A	SYS	O/C	27	3C	CC CO LT	RR CS Y2		RJ-14A CS-00A	TP-00B TP-00B
Valve Name 2A CORE SPRAY INJECTION CHECK															
2-1402-9B	1	AC	10	CK	SA	A	SYS	O/C	27	4C	CC CO LT	RR CS Y2		RJ-14A CS-00A	TP-00B TP-00B
Valve Name 2B CORE SPRAY INJECTION CHECK															
2-1499-14	2	C	1	CK	SA	A	SYS	O	27	8D	CCD COD	CM CM			CTP00-02 CTP00-02
Valve Name U2 ECCS JOCKEY PUMP DISCHARGE CHECK VALVE															
2-1499-15	2	C	0.75	CK	SA	A	SYS	O	27	8E	CCD COD	CM CM			CTP00-02 CTP00-02
Valve Name U2 ECCS JOCKEY PMP MIN FLOW CK VLV															
3-1402-13A	2	C	1.5	SCK	SA	A	SYS	O	358	7D	CCD COD CP	SA SA M3			CTP00-02 CTP00-02 CTP00-02
Valve Name 3A CORE SPRAY MIN FLOW STOP CHECK															
3-1402-13B	2	C	1.5	SCK	SA	A	SYS	O	358	9D	CCD COD CP	SA SA M3			CTP00-02 CTP00-02 CTP00-02
Valve Name 3B CORE SPRAY MIN FLOW STOP CHECK															
3-1402-24A	2	A	10	GA	MO	A	O	O/C	358	2B	LT PI SC SO	AJ Y2 M3 M3			
Valve Name 3A CORE SPRAY PUMP UP-STREAM INJECTION															
3-1402-24B	2	A	10	GA	MO	A	O	O/C	358	5B	LT PI SC SO	AJ Y2 M3 M3			
Valve Name 3B CORE SPRAY PUMP UP-STREAM INJECTION															

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Core Spray (Page 4)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1402-25A	1	A	10	GA	MO	A	C	O/C	358	2C	LT PI SC SO	AJ Y2 M3 M3			TP-00B
Valve Name 3A CORE SPRAY PUMP DOWN-STREAM INJECTION															
3-1402-25B	1	A	10	GA	MO	A	C	O/C	358	5C	LT PI SC SO	AJ Y2 M3 M3			TP-00B
Valve Name 3B CORE SPRAY PUMP DOWN-STREAM INJECTION															
3-1402-28A	2	C	2	RV	SA	A	C	O/C	358	6C	RT	Y10			
Valve Name 3A CORE SPRAY PUMP DISCHARGE RELIEF															
3-1402-28B	2	C	2	RV	SA	A	C	O/C	358	9B	RT	Y10			
Valve Name 3B CORE SPRAY PUMP DISCHARGE RELIEF															
3-1402-31A	1	AC	0.5	XFC	SA	A	O	C	358	3D	CC CO LT	RR OP Y10	RJ-00A		CTP98-02 CTP98-02 CTP98-02
Valve Name CORE SPRAY FLOW-LIMITING CHECK															
3-1402-31B	1	AC	0.5	XFC	SA	A	O	C	358	4D	CC CO LT	RR OP Y10	RJ-00A		CTP98-02 CTP98-02 CTP98-02
Valve Name CORE SPRAY FLOW LIMITING CHECK															
3-1402-34B	2	C	0.75	CK	SA	A	SYS	O/C	358	9D	CC CO	M3 M3			TP-00I
Valve Name ECCS KEEP FILL TO CORE SPRAY LOOP B															
3-1402-36A	2	C	0.75	SCK	SA	A	SYS	O/C	358	6D	CC CO	M3 M3			TP-00I
Valve Name ECCS KEEP FILL TO CORE SPRAY STOP CHECK															
3-1402-36B	2	C	0.75	SCK	SA	A	SYS	O/C	358	9D	CC CO	M3 M3			TP-00I
Valve Name ECCS KEEP FILL TO CORE SPRAY STOP CHECK															
3-1402-38A	2	B	1.5	GA	MO	A	O	O/C	358	7D	PI SC SO	Y2 M3 M3			TP-00H
Valve Name 3A CORE SPRAY PUMP MIN FLOW															
3-1402-38B	2	B	1.5	GA	MO	A	O	O/C	358	8C	PI SC SO	Y2 M3 M3			TP-00H
Valve Name 3B CORE SPRAY PUMP MIN FLOW															

Core Spray (Page 5)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1402-3A	2	B	16	GA	MO	A	O	O/C	358	5E	PI SC	Y2 M3			TP-00H TP-00F
Valve Name 3A CORE SPRAY PUMP SUCTION FROM TORUS															
3-1402-3B	2	B	16	GA	MO	A	O	O/C	358	7E	PI SC	Y2 M3			TP-00H TP-00F
Valve Name 3B CORE SPRAY PUMP SUCTION FROM TORUS															
3-1402-4A	2	B	8	GL	MO	A	C	C	358	7C	PI SC	Y2 M3			TP-00H
Valve Name 3A CORE SPRAY PUMP TEST RETURN TO TORUS															
3-1402-4B	2	B	8	GL	MO	A	C	C	358	8B	PI SC	Y2 M3			TP-00H
Valve Name 3B CORE SPRAY PUMP TEST RETURN TO TORUS															
3-1402-6A	1	B	10	GA	M	P	LO	O	358	3C	PI	Y2			
Valve Name CORE SPRAY DISCHARGE HEADER MANUAL ISOLATION															
3-1402-6B	1	B	10	GA	M	P	LO	O	358	3C	PI	Y2			
Valve Name CORE SPRAY DISCHARGE HEADER MANUAL ISOLATION															
3-1402-8A	2	C	12	SCK	SA	A	SYS	O/C	358	7D	CC CO CP	M3 CS M3		CS-00A	
Valve Name 3A CORE SPRAY PUMP DISCHARGE STOP CHECK															
3-1402-8B	2	C	12	SCK	SA	A	SYS	O/C	358	9D	CC CO CP	M3 CS M3		CS-00A	
Valve Name 3B CORE SPRAY PUMP DISCHARGE STOP CHECK															
3-1402-9A	1	AC	10	CK	SA	A	SYS	O/C	358	3C	CC CO LT	RR CS Y2		RJ-14A CS-00A	TP-00B TP-00B
Valve Name 3A CORE SPRAY INJECTION CHECK															
3-1402-9B	1	AC	10	CK	SA	A	SYS	O/C	358	4C	CC CO LT	RR CS Y2		RJ-14A CS-00A	TP-00B TP-00B
Valve Name 3B CORE SPRAY INJECTION CHECK															
3-1499-14	2	C	1	CK	SA	A	SYS	O	358	8D	CCD COD	CM CM			CTP00-02 CTP00-02
Valve Name U3 ECCS JOCKEY PUMP DISCHG CK VLV															
3-1499-15	2	C	0.75	CK	SA	A	SYS	O	358	8D	CCD COD	CM CM			CTP00-02 CTP00-02
Valve Name U3 ECCS JOCKEY PMP MIN FLOW CK VLV															

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Core Spray (Page 6)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1499-34A	2	C	0.75	CK	SA	A	SYS	O/C	358	9C	CC CO	M3 M3			TP-001

Valve Name ECCS KEEP FILL TO CORE SPRAY LOOP A

Containment Cooling Service Water (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1501-1A	3	C	10	CK	SA	A	SYS	O/C	29-2	3B	CC CO	M3 M3			
Valve Name "A" CCSW PUMP DISCHARGE CHECK VALVE															
2-1501-1B	3	C	10	CK	SA	A	SYS	O/C	29-2	3C	CC CO	M3 M3			
Valve Name "B" CCSW PUMP DISCHARGE CHECK VALVE															
2-1501-1C	3	C	10	CK	SA	A	SYS	O/C	29-2	3E	CC CO	M3 M3			
Valve Name "C" CCSW PUMP DISCHARGE CHECK VALVE															
2-1501-1D	3	C	10	CK	SA	A	SYS	O/C	29-2	3F	CC CO	M3 M3			
Valve Name "D" CCSW PUMP DISCHARGE CHECK VALVE															
2-1501-3A	3	B	12	GL	MO	A	C	O/C	29-1	8E	PI SC SO	Y2 M3 M3			
Valve Name LPCI CONTAINMENT COOLING HEAT EXCHANGER 'A' CCSW															
2-1501-3B	3	B	12	GL	MO	A	C	O/C	29-1	3F	PI SC SO	Y2 M3 M3			
Valve Name LPCI CONTAINMENT COOLING HEAT EXCHANGER 'B' CCSW															
2-1599-131A	3	C	3	CK	SA	A	C	O/C	29-2	3B	CC CO	M3 M3			
Valve Name U2 CCSW LOOP I SUPPLY TO SW CHECK VLV															
2-1599-131B	3	C	3	CK	SA	A	C	O/C	29-2	4D	CC CO	M3 M3			
Valve Name U2 CCSW LOOP II SUPPLY TO SW CHECK VLV															
2-3999-336	3	C	1	CK	SA	A	SYS	C	29-2	4C	CC CO	M3 M3			
Valve Name SERVICE WATER SUPPLY TO CCSW KEEP FILL CHECK VALVE															
2-3999-338	3	C	1	CK	SA	A	SYS	C	29-2	4E	CC CO	M3 M3			
Valve Name SERVICE WATER SUPPLY TO CCSW KEEP FILL CHECK VALVE															
2-3999-634	3	C	1.5	CK	SA	A	SYS	O/C	29-2	4C	CC CO	M3 M3			
Valve Name D/G COOLING WATER TO CCSW KEEP FILL CHECK VALVE															
2-3999-636	3	C	1.5	CK	SA	A	SYS	O/C	29-2	5E	CC CO	M3 M3			
Valve Name D/G COOLING WATER TO CCSW KEEP FILL CHECK VALVE															

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Containment Cooling Service Water (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-4899-77	3	C	1	RV	SA	A	C	O	39	5E	RT	Y10			
Valve Name LPCI CONTAINMENT COOLING HEAT EXCHANGER 'B' TUBE															
2-4899-79	3	C	1	RV	SA	A	C	O	39	6E	RT	Y10			
Valve Name LPCI CONTAINMENT COOLING HEAT EXCHANGER 'A' TUBE															
3-1501-1A	3	C	10	CK	SA	A	SYS	O/C	360-2	3B	CC	M3			
CO M3															
Valve Name "A" CCSW PUMP DISCHARGE CHECK VALVE															
3-1501-1B	3	C	10	CK	SA	A	SYS	O/C	360-2	3C	CC	M3			
CO M3															
Valve Name "B" CCSW PUMP DISCHARGE CHECK VALVE															
3-1501-1C	3	C	10	CK	SA	A	SYS	O/C	360-2	3E	CC	M3			
CO M3															
Valve Name "C" CCSW PUMP DISCHARGE CHECK VALVE															
3-1501-1D	3	C	10	CK	SA	A	SYS	O/C	360-2	3F	CC	M3			
CO M3															
Valve Name "D" CCSW PUMP DISCHARGE CHECK VALVE															
3-1501-3A	3	B	12	GL	MO	A	C	O/C	360-1	3F	PI	Y2			
SC M3															
SO M3															
Valve Name LPCI CONTAINMENT COOLING HEAT EXCHANGER 'A' CCSW															
3-1501-3B	3	B	12	GL	MO	A	C	O/C	360-1	10D	PI	Y2			
SC M3															
SO M3															
Valve Name LPCI CONTAINMENT COOLING HEAT EXCHANGER 'B' CCSW															
3-1599-131A	3	C	3	CK	SA	A	C	O/C	360-2	5B	CC	M3			
CO M3															
Valve Name U2 CCSW LOOP I SUPPLY TO SW CHECK VLV															
3-1599-131B	3	C	3	CK	SA	A	C	O/C	360-2	4D	CC	M3			
CO M3															
Valve Name U2 CCSW LOOP II SUPPLY TO SW CHECK VLV															
3-3999-336	3	C	1	CK	SA	A	SYS	C	360-2	4C	CC	M3			
CO M3															
Valve Name SERVICE WATER SUPPLY TO CCSW KEEP FILL CHECK VALVE															
3-3999-338	3	C	1	CK	SA	A	SYS	C	360-2	4E	CC	M3			
CO M3															
Valve Name SERVICE WATER SUPPLY TO CCSW KEEP FILL CHECK VALVE															
3-3999-640	3	C	1.5	CK	SA	A	SYS	O/C	360-2	5B	CC	M3			
CO M3															
Valve Name D/G COOLING WATER TO CCSW KEEP FILL CHECK VALVE															

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Containment Cooling Service Water (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-3999-642	3	C	1.5	CK	SA	A	SYS	O/C	360-2	5E	CC CO	M3 M3			
Valve Name D/G COOLING WATER TO CCSW KEEP FILL CHECK VALVE															
3-4899-84	3	C	1	RV	SA	A	C	O	369	9E	RT	Y10			
Valve Name LPCI CONTAINMENT COOLING HEAT EXCHANGER 'A' TUBE															
3-4899-99	3	C	1	RV	SA	A	C	O	369	7E	RT	Y10			
Valve Name LPCI CONTAINMENT COOLING HEAT EXCHANGER 'B' TUBE															

Low Pressure Coolant Injection (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1501-11A	2	B	18	GA	MO	A	O	O/C	29-1	9D	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI HEAT EXCHANGER BYPASS VALVE															
2-1501-11B	2	B	18	GA	MO	A	O	O/C	29-1	2D	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI HEAT EXCHANGER BYPASS VALVE															
2-1501-13A	2	B	3	GA	MO	A	O	O/C	29-1	7C	PI	Y2			
											SC	M3			TP-00H
											SO	M3			
Valve Name LPCI LOOP I MIN FLOW BYPASS															
2-1501-13B	2	B	3	GA	MO	A	O	O/C	29-1	2C	PI	Y2			
											SC	M3			TP-00H
											SO	M3			
Valve Name LPCI LOOP II MIN FLOW BYPASS															
2-1501-17A	2	C	2	RV	SA	A	C	O/C	29-1	8C	RT	Y10			
Valve Name 2A LPCI HEAT EXCHANGER OUTLET HEADER RELIEF															
2-1501-17B	2	C	2	RV	SA	A	C	O/C	29-1	2C	RT	Y10			
Valve Name 2B LPCI HEAT EXCHANGER OUTLET HEADER RELIEF															
2-1501-18A	2	A	6	GL	MO	A	C	O/C	29-1	8B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP I TORUS SPRAY															
2-1501-18B	2	A	6	GL	MO	A	C	O/C	29-1	2B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP II TORUS SPRAY															
2-1501-19A	2	A	6	GA	MO	A	C	O/C	29-1	7B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP I TORUS SPRAY															
2-1501-19B	2	A	6	GA	MO	A	C	O/C	29-1	2B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP II TORUS SPRAY															

Low Pressure Coolant Injection (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1501-20A	2	B	14	GA	MO	A	C	O/C	29-1	7C	PI	Y2			TP-00H
Valve Name LPCI LOOP I FULL FLOW BYPASS TEST RETURN TO TORUS															
2-1501-20B	2	B	14	GA	MO	A	C	O/C	29-1	2B	PI	Y2			TP-00H
Valve Name LPCI LOOP II FULL FLOW BYPASS TEST RETURN TO TORUS															
2-1501-21A	2	B	18	GA	MO	A	O	O/C	29-1	8B	PI	Y2			
Valve Name LPCI LOOP I INJECTION															
2-1501-21B	2	B	18	GA	MO	A	O	O/C	29-1	2B	PI	Y2			
Valve Name LPCI LOOP II INJECTION															
2-1501-22A	1	A	18	GA	MO	A	C	O/C	29-1	7B	LT	AJ			TP-00B
Valve Name LPCI LOOP I INJECTION															
2-1501-22B	1	A	18	GA	MO	A	C	O/C	29-1	3B	LT	AJ			TP-00B
Valve Name LPCI LOOP II INJECTION															
2-1501-25A	1	AC	16	CK	SA	A	SYS	O/C	29-1	5B	CC	CS		CS-00A	
Valve Name LPCI INJECTION CHECK															
2-1501-25B	1	AC	16	CK	SA	A	SYS	O/C	29-1	4B	CC	CS		CS-00A	
Valve Name LPCI INJECTION CHECK															
2-1501-26A	1	B	16	GA	M	P	LO	O	29-1	5B	PI	Y2			
Valve Name LPCI INJECT MANUAL ISOLATION															
2-1501-26B	1	B	16	GA	M	P	LO	O	29-1	4B	PI	Y2			
Valve Name LPCI INJECT MANUAL ISOLATION															

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Low Pressure Coolant Injection (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1501-27A	2	A	10	GA	MO	A	C	O/C	29-1	7A	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name LPCI LOOP I DRYWELL SPRAY															
2-1501-27B	2	A	10	GA	MO	A	C	O/C	29-1	3A	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name LPCI LOOP II DRYWELL SPRAY															
2-1501-28A	2	A	10	GA	MO	A	C	O/C	29-1	6A	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name LPCI LOOP I DRYWELL SPRAY															
2-1501-28B	2	A	10	GA	MO	A	C	O/C	29-1	4A	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name LPCI LOOP II DRYWELL SPRAY															
2-1501-32A	2	B	18	GA	MO	A	O	O/C	29-1	8D	PI	Y2			
												SC	M3		
												SO	M3		
Valve Name LPCI DISCHARGE HEADER CROSS-TIE															
2-1501-32B	2	B	18	GA	MO	A	O	O/C	29-1	2D	PI	Y2			
												SC	M3		
												SO	M3		
Valve Name LPCI DISCHARGE HEADER CROSS-TIE															
2-1501-38A	2	B	14	GL	MO	A	C	O/C	29-1	8C	PI	Y2			
												SC	M3	TP-00H	
												SO	M3		
Valve Name LPCI LOOP I FULL FLOW BYPASS TEST RETURN TO TORUS															
2-1501-38B	2	B	14	GL	MO	A	C	O/C	29-1	3B	PI	Y2			
												SC	M3	TP-00H	
												SO	M3		
Valve Name LPCI LOOP II FULL FLOW BYPASS TEST RETURN TO TORUS															
2-1501-5A	2	B	14	GA	MO	A	O	O/C	29-1	5E	PI	Y2			TP-00H
												SC	M3	TP-00F	
Valve Name "A" LPCI PUMP SUCTION															

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Low Pressure Coolant Injection (Page 4)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1501-5B	2	B	14	GA	MO	A	O	O/C	29-1	5E	PI SC	Y2 M3			TP-00H TP-00F
Valve Name "B" LPCI PUMP SUCTION															
2-1501-5C	2	B	14	GA	MO	A	O	O/C	29-1	4E	PI SC	Y2 M3			TP-00H TP-00F
Valve Name "C" LPCI PUMP SUCTION															
2-1501-5D	2	B	14	GA	MO	A	O	O/C	29-1	4E	PI SC	Y2 M3			TP-00H
Valve Name "D" LPCI PUMP SUCTION															
2-1501-63A	2	C	12	CK	SA	A	SYS	O/C	29-1	8E	CC CO	M3 M3			
Valve Name "A" LPCI PUMP DISCHARGE CHECK															
2-1501-63B	2	C	12	CK	SA	A	SYS	O/C	29-1	8E	CC CO	M3 M3			
Valve Name "B" LPCI PUMP DISCHARGE CHECK															
2-1501-63C	2	C	12	CK	SA	A	SYS	O/C	29-1	2E	CC CO	M3 M3			
Valve Name "C" LPCI PUMP DISCHARGE CHECK															
2-1501-63D	2	C	12	CK	SA	A	SYS	O/C	29-1	2E	CC CO	M3 M3			
Valve Name "D" LPCI PUMP DISCHARGE CHECK															
2-1501-65A	2	C	2	CK	SA	A	SYS	O	29-1	7F	CCD CCF COD CP	SA M3 SA M3			CTP00-02 CTP00-02 CTP00-02 CTP00-02
Valve Name "A" LPCI PUMP MIN FLOW CHECK															
2-1501-65B	2	C	2	CK	SA	A	SYS	O	29-1	7E	CCD CCF COD CP	SA M3 SA M3			CTP00-02 CTP00-02 CTP00-02 CTP00-02
Valve Name "B" LPCI PUMP MIN FLOW CHECK															
2-1501-65C	2	C	2	CK	SA	A	SYS	O	29-1	2E	CCD CCF COD CP	SA M3 SA M3			CTP00-02 CTP00-02 CTP00-02 CTP00-02
Valve Name "C" LPCI PUMP MIN FLOW CHECK															

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Low Pressure Coolant Injection (Page 5)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1501-65D	2	C	2	CK	SA	A	SYS	O	29-1	2F	CCD	SA			CTP00-02
											CCF	M3			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name "D" LPCI PUMP MIN FLOW CHECK															
2-1501-66A	2	C	2	SCK	SA	A	SYS	O/C	29-1	8F	CC	M3			TP-00I
											CO	M3			
Valve Name ECCS KEEP FILL TO LPCI STOP CHECK															
2-1501-66B	2	C	2	SCK	SA	A	SYS	O/C	29-1	2E	CC	M3			TP-00I
											CO	M3			
Valve Name ECCS KEEP FILL TO LPCI STOP CHECK															
2-1501-67A	2	C	2	CK	SA	A	O	O/C	29-1	8F	CC	M3			TP-00I
											CO	M3			
Valve Name ECCS KEEP FILL TO LPCI CHECK															
2-1501-67B	2	C	2	CK	SA	A	O	O/C	29-1	2E	CC	M3			TP-00I
											CO	M3			
Valve Name ECCS KEEP FILL TO LPCI CHECK															
2-1599-13A	2	C	1.5	RV	SA	A	C	O/C	29-1	6E	RT	Y10			TP-00H
											Valve Name "A" LPCI PUMP SUCTION RELIEF				
2-1599-13B	2	C	1.5	RV	SA	A	C	O/C	29-1	6D	RT	Y10			TP-00H
											Valve Name "B" LPCI PUMP SUCTION RELIEF				
2-1599-13C	2	C	1.5	RV	SA	A	C	O/C	29-1	4D	RT	Y10			TP-00H
											Valve Name "C" LPCI PUMP SUCTION RELIEF				
2-1599-13D	2	C	1.5	RV	SA	A	C	O/C	29-1	4E	RT	Y10			TP-00H
											Valve Name "D" LPCI PUMP SUCTION RELIEF				
2-1599-61	2	B	3	GA	AO	A	C	C	29-1	4D	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name TORUS TO HOTWELL															
2-1599-62	NC	B	3	GA	AO	A	C	C	29-1	4D	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name TORUS TO HOTWELL															
2-4899-72	2	C	1	RV	SA	A	C	O/C	39	6E	RT	Y10			
											Valve Name "A" LPCI HEAT EXCHANGER SHELL SIDE (LPCI) RELIEF				
2-4899-78	2	C	1	RV	SA	A	C	O/C	39	5E	RT	Y10			
											Valve Name "B" LPCI HEAT EXCHANGER SHELL SIDE (LPCI) RELIEF				

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Low Pressure Coolant Injection (Page 6)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1501-11A	2	B	18	GA	MO	A	O	O/C	360-1	2D	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI HEAT EXCHANGER BYPASS VALVE															
3-1501-11B	2	B	18	GA	MO	A	O	O/C	360-1	9D	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI HEAT EXCHANGER BYPASS VALVE															
3-1501-13A	2	B	3	GA	MO	A	O	O/C	360-1	2C	PI	Y2			
											SC	M3			TP-00H
											SO	M3			
Valve Name LPCI LOOP I MIN FLOW BYPASS															
3-1501-13A(RV)	2	C	1.5	RV	SA	A	C	O/C	360-1	4F	RT	Y10			TP-00H
Valve Name "A" LPCI PUMP SUCTION RELIEF															
3-1501-13B	2	B	3	GA	MO	A	O	O/C	360-1	7C	PI	Y2			
											SC	M3			TP-00H
											SO	M3			
Valve Name LPCI LOOP II MIN FLOW BYPASS															
3-1501-13B(RV)	2	C	1.5	RV	SA	A	C	O/C	360-1	4E	RT	Y10			TP-00H
Valve Name "B" LPCI PUMP SUCTION RELIEF															
3-1501-13C	2	C	1.5	RV	SA	A	C	O/C	360-1	6E	RT	Y10			TP-00H
Valve Name "C" LPCI PUMP SUCTION RELIEF															
3-1501-13D	2	C	1.5	RV	SA	A	C	O/C	360-1	6F	RT	Y10			TP-00H
Valve Name "D" LPCI PUMP SUCTION RELIEF															
3-1501-17A	2	C	2	RV	SA	A	C	O/C	360-1	2C	RT	Y10			
Valve Name "A" LPCI HEAT EXCHANGER OUTLET HEADER RELIEF															
3-1501-17B	2	C	2	RV	SA	A	C	O/C	360-1	8C	RT	Y10			
Valve Name "B" LPCI HEAT EXCHANGER OUTLET HEADER RELIEF															
3-1501-18A	2	A	6	GL	MO	A	C	O/C	360-1	2B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP I TORUS SPRAY															
3-1501-18B	2	A	6	GL	MO	A	C	O/C	360-1	8B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP II TORUS SPRAY															

Low Pressure Coolant Injection (Page 7)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1501-19A	2	A	6	GA	MO	A	C	O/C	360-1	3B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP I TORUS SPRAY															
3-1501-19B	2	A	6	GA	MO	A	C	O/C	360-1	7B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP II TORUS SPRAY															
3-1501-20A	2	B	14	GA	MO	A	C	O/C	360-1	3C	PI	Y2			
											SC	M3			TP-00H
											SO	M3			
Valve Name LPCI LOOP I FULL FLOW BYPASS TEST RETURN TO TORUS															
3-1501-20B	2	B	14	GA	MO	A	C	O/C	360-1	7C	PI	Y2			
											SC	M3			TP-00H
											SO	M3			
Valve Name LPCI LOOP II FULL FLOW BYPASS TEST RETURN TO TORUS															
3-1501-21A	2	B	18	GA	MO	A	O	O/C	360-1	8B	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP I INJECTION															
3-1501-21B	2	B	18	GA	MO	A	O	O/C	360-1	2B	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP II INJECTION															
3-1501-22A	1	A	18	GA	MO	A	C	O/C	360-1	3B	LT	Y2			TP-00B
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP I INJECTION															
3-1501-22B	1	A	18	GA	MO	A	C	O/C	360-1	7B	LT	RR			TP-00B
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP II INJECTION															

Low Pressure Coolant Injection (Page 8)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1501-25A	1	AC	16	CK	SA	A	SYS	O/C	360-1	4B	CC	CS		CS-00A	
											CO	CS		CS-00A	
											LT	RR			TP-00B
											PI	Y2			
Valve Name LPCI INJECTION CHECK															
3-1501-25B	1	AC	16	CK	SA	A	SYS	O/C	360-1	6B	CC	CS		CS-00A	
											CO	CS		CS-00A	
											LT	RR			TP-00B
											PI	Y2			
Valve Name LPCI INJECTION CHECK															
3-1501-26A	1	B	16	GA	M	P	LO	O	360-1	5B	PI	Y2			
Valve Name LPCI INJECT MANUAL ISOLATION															
3-1501-26B	1	B	16	GA	M	P	LO	O	360-1	5B	PI	Y2			
Valve Name LPCI INJECT MANUAL ISOLATION															
3-1501-27A	2	A	10	GA	MO	A	C	O/C	360-1	3A	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP I DRYWELL SPRAY															
3-1501-27B	2	A	10	GA	MO	A	C	O/C	360-1	7A	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP II DRYWELL SPRAY															
3-1501-28A	2	A	10	GA	MO	A	C	O/C	360-1	4A	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP I DRYWELL SPRAY															
3-1501-28B	2	A	10	GA	MO	A	C	O/C	360-1	6A	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI LOOP II DRYWELL SPRAY															
3-1501-32A	2	B	18	GA	MO	A	O	O/C	360-1	2D	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name LPCI DISCHARGE HEADER CROSSTIE															

Low Pressure Coolant Injection (Page 9)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1501-32B	2	B	18	GA	MO	A	O	O/C	360-1	9D	PI SC SO	Y2 M3 M3			
Valve Name LPCI DISCHARGE HEADER CROSSTIE															
3-1501-38A	2	B	14	GL	MO	A	C	O/C	360-1	2B	PI SC SO	Y2 M3 M3			TP-00H
Valve Name LPCI LOOP I FULL FLOW BYPASS TEST RETURN TO TORUS															
3-1501-38B	2	B	14	GL	MO	A	C	O/C	360-1	8B	PI SC SO	Y2 M3 M3			TP-00H
Valve Name LPCI LOOP II FULL FLOW BYPASS TEST RETURN TO TORUS															
3-1501-5A	2	B	14	GA	MO	A	O	O/C	360-1	5E	PI SC	Y2 M3			TP-00H TP-00F
Valve Name "A" LPCI PUMP SUCTION															
3-1501-5B	2	B	14	GA	MO	A	O	O/C	360-1	5D	PI SC	Y2 M3			TP-00H TP-00F
Valve Name "B" LPCI PUMP SUCTION															
3-1501-5C	2	B	14	GA	MO	A	O	O/C	360-1	6E	PI SC	Y2 M3			TP-00H TP-00F
Valve Name "C" LPCI PUMP SUCTION															
3-1501-5D	2	B	14	GA	MO	A	O	O/C	360-1	6E	PI SC	Y2 M3			TP-00H TP-00F
Valve Name "D" LPCI PUMP SUCTION															
3-1501-63A	2	C	12	CK	SA	A	SYS	O/C	360-1	2E	CC CO	M3 M3			
Valve Name "A" LPCI PUMP DISCHARGE CHECK															
3-1501-63B	2	C	12	CK	SA	A	SYS	O/C	360-1	2D	CC CO	M3 M3			
Valve Name "B" LPCI PUMP DISCHARGE CHECK															
3-1501-63C	2	C	12	CK	SA	A	SYS	O/C	360-1	8D	CC CO	M3 M3			
Valve Name "C" LPCI PUMP DISCHARGE CHECK															
3-1501-63D	2	C	12	CK	SA	A	SYS	O/C	360-1	8E	CC CO	M3 M3			
Valve Name "D" LPCI PUMP DISCHARGE CHECK															

Low Pressure Coolant Injection (Page 10)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1501-65A	2	C	2	CK	SA	A	SYS	O	360-1	3E	CCD	SA			CTP00-02
											CCF	M3			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name "A" LPCI PUMP MIN FLOW CHECK															
3-1501-65B	2	C	2	CK	SA	A	SYS	O	360-1	3E	CCD	SA			CTP00-02
											CCF	M3			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name "B" LPCI PUMP MIN FLOW CHECK															
3-1501-65C	2	C	2	CK	SA	A	SYS	O	360-1	8E	CCD	SA			CTP00-02
											CCF	M3			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name "C" LPCI PUMP MIN FLOW CHECK															
3-1501-65D	2	C	2	CK	SA	A	SYS	O	360-1	8E	CCD	SA			CTP00-02
											CCF	M3			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name "D" LPCI PUMP MIN FLOW CHECK															
3-1501-66A	2	C	2	SCK	SA	A	SYS	O/C	360-1	2E	CC	M3			TP-001
											CO	M3			
Valve Name ECCS KEEP FILL TO LPCI STOP CHECK															
3-1501-66B	2	C	2	SCK	SA	A	SYS	O/C	360-1	8E	CC	M3			TP-001
											CO	M3			
Valve Name ECCS KEEP FILL TO LPCI STOP CHECK															
3-1501-67A	2	C	2	CK	SA	A	O	O/C	360-1	2E	CC	M3			TP-001
											CO	M3			
Valve Name ECCS KEEP FILL TO LPCI CHECK															
3-1501-67B	2	C	2	CK	SA	A	O	O/C	360-1	8E	CC	M3			TP-001
											CO	M3			
Valve Name ECCS KEEP FILL TO LPCI CHECK															
3-1599-61	2	B	3	GA	AO	A	C	C	360-1	4D	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name TORUS TO HOTWELL															
3-1599-62	NC	B	3	GA	AO	A	C	C	360-1	4D	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name TORUS TO HOTWELL															

Revision Date: August 20, 2001

Low Pressure Coolant Injection (Page 11)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-4899-89	2	C	1	RV	SA	A	C	O/C	369	9E	RT	Y10			
Valve Name "A" LPCI HEAT EXCHANGER SHELL SIDE (LPCI) RELIEF															
3-4899-98	2	C	1	RV	SA	A	C	O/C	369	7E	RT	Y10			
Valve Name "B" LPCI HEAT EXCHANGER SHELL SIDE (LPCI) RELIEF															

Pressure Suppression (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1601-20A	NC	A	20	BTF	AO	A	C	O/C	25	2C	FO-1	M3		RJ-16A	
											FO-2	RR			
											LT	AJ			
											PI	Y2			
											SC	M3			
SO	M3														
Valve Name REACTOR BUILDING TO TORUS VACUUM RELIEF															
2-1601-20B	NC	A	20	BTF	AO	A	C	O/C	25	2B	FO-1	M3		RJ-16A	
											FO-2	RR			
											LT	AJ			
											PI	Y2			
											SC	M3			
SO	M3														
Valve Name REACTOR BUILDING TO TORUS VACUUM RELIEF															
2-1601-21	NC	A	18	BTF	AO	A	C	C	25	5D	FC-1	M3		RJ-16A	
											FC-2	RR			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DRYWELL VENT AND PURGE ISOLATION VALVE															
2-1601-22	NC	A	18	BTF	AO	A	C	C	25	4D	FC-1	M3		RJ-16A	
											FC-2	RR			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DRYWELL/TORUS VENT VALVE															
2-1601-23	NC	A	18	BTF	AO	A	C	C	25	7E	FC-1	M3		RJ-16A	
											FC-2	RR			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DRYWELL VENT TO REACTOR BUILDING															
2-1601-24	NC	A	18	BTF	AO	A	C	C	25	7E	FC-1	M3		RJ-16A	
											FC-2	RR			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS/DRYWELL VENT															

Pressure Suppression (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1601-31A	NC	AC	20	CK	SA	A	SYS	O/C	25	2C	CCX	M3			
												COX	M3		
												LTJ	AJ		
Valve Name REACTOR BUILDING TO TORUS VACUUM BREAKER															
2-1601-31B	NC	AC	20	CK	SA	A	SYS	O/C	25	2B	CCX	M3			
												COX	M3		
												LTJ	AJ		
Valve Name REACTOR BUILDING TO TORUS VACUUM BREAKER															
2-1601-32A	NC	AC	18	CK	SA	A	SYS	O/C	25	7C	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-32B	NC	AC	18	CK	SA	A	SYS	O/C	25	7C	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-32C	NC	AC	18	CK	SA	A	SYS	O/C	25	7C	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-32D	NC	AC	18	CK	SA	A	SYS	O/C	25	7B	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-32E	NC	AC	18	CK	SA	A	SYS	O/C	25	7B	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-32F	NC	AC	18	CK	SA	A	SYS	O/C	25	7B	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															

Pressure Suppression (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1601-33A	NC	AC	18	CK	SA	A	SYS	O/C	25	4C	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-33B	NC	AC	18	CK	SA	A	SYS	O/C	25	4C	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-33C	NC	AC	18	CK	SA	A	SYS	O/C	25	4C	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-33D	NC	AC	18	CK	SA	A	SYS	O/C	25	4B	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-33E	NC	AC	18	CK	SA	A	SYS	O/C	25	4B	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-33F	NC	AC	18	CK	SA	A	SYS	O/C	25	4B	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
2-1601-55	NC	A	4	BTF	AO	A	O	C	25	5E	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW/TORUS N2 PURGE AND PUMP BACK SUCTION															

Pressure Suppression (Page 4)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1601-56	NC	A	18	BTF	AO	A	O	C	25	4C	FC-1	M3		RJ-16A	
											FC-2	RR			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS VENT AND PURGE															
2-1601-57	NC	A	1.5	GL	MO	A	O	C	25	3C	LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DRYWELL/TORUS N2 MAKE-UP															
2-1601-58	NC	A	1.5	GL	AO	A	C	C	25	3C	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name N2 MAKE-UP TO TORUS															
2-1601-59	NC	A	1.5	GL	AO	A	O	C	25	4C	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name N2 MAKE-UP TO DRYWELL															
2-1601-60	NC	A	18	BTF	AO	A	C	C	25	8B	FC-1	M3		RJ-16A	
											FC-2	RR			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS VENT TO REACTOR BUILDING VENT SYSTEM															
2-1601-61	NC	A	2	GL	AO	A	C	C	25	8B	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS MAIN VENT BYPASS															
2-1601-62	NC	A	2	GL	AO	A	C	C	25	7E	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DRYWELL VENT BYPASS															

Pressure Suppression (Page 5)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1601-63	NC	A	6	BTF	AO	A	C	C	25	7E	FC-1	M3			
											FC-2	RR		RJ-16A	
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS/DRYWELL VENT															
2-8526	NC	C	0.75	RV	SA	A	C	O/C	25	3C	LT	AJ			
											RT	Y10			
Valve Name NITROGEN INERTING RELIEF VALVE															
3-1601-20A	NC	A	20	BTF	AO	A	C	O/C	356	2C	FO-1	M3			
											FO-2	RR		RJ-16A	
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name REACTOR BUILDING TO TORUS VACUUM RELIEF															
3-1601-20B	NC	A	20	BTF	AO	A	C	O/C	356	2B	FO-1	M3			
											FO-2	RR		RJ-16A	
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name REACTOR BUILDING TO TORUS VACUUM RELIEF															
3-1601-21	NC	A	18	BTF	AO	A	C	C	356	6C	FC-1	M3			
											FC-2	RR		RJ-16A	
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DRYWELL VENT AND PURGE															
3-1601-22	NC	A	18	BTF	AO	A	C	C	356	7C	FC-1	M3			
											FC-2	RR		RJ-16A	
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DRYWELL/TORUS VENT															
3-1601-23	NC	A	18	BTF	AO	A	C	C	356	3B	FC-1	M3			
											FC-2	RR		RJ-16A	
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DRYWELL VENT TO REACTOR BUILDING															

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Pressure Suppression (Page 6)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1601-24	NC	A	18	BTF	AO	A	C	C	356	2B	FC-1	M3			
											FC-2	RR		RJ-16A	
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS/DRYWELL VENT															
3-1601-31A	NC	AC	20	CK	SA	A	SYS	O/C	356	9D	CCX	M3			
											COX	M3			
											LTJ	AJ			
Valve Name REACTOR BUILDING TO TORUS VACUUM BREAKER															
3-1601-31B	NC	AC	20	CK	SA	A	SYS	O/C	356	9E	CCX	M3			
											COX	M3			
											LTJ	AJ			
Valve Name REACTOR BUILDING TO TORUS VACUUM BREAKER															
3-1601-32A	NC	AC	18	CK	SA	A	SYS	O/C	356	3D	CC	M3			
											CO	M3			
											LT	Y2			
											PI	Y2			
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-32B	NC	AC	18	CK	SA	A	SYS	O/C	356	3D	CC	M3			
											CO	M3			
											LT	Y2			
											PI	Y2			
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-32C	NC	AC	18	CK	SA	A	SYS	O/C	356	3D	CC	M3			
											CO	M3			
											LT	Y2			
											PI	Y2			
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-32D	NC	AC	18	CK	SA	A	SYS	O/C	356	3E	CC	M3			
											CO	M3			
											LT	Y2			
											PI	Y2			
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-32E	NC	AC	18	CK	SA	A	SYS	O/C	356	3E	CC	M3			
											CO	M3			
											LT	Y2			
											PI	Y2			
Valve Name TORUS TO DRYWELL VACUUM BREAKER															

Pressure Suppression (Page 7)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1601-32F	NC	AC	18	CK	SA	A	SYS	O/C	356	3E	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-33A	NC	AC	18	CK	SA	A	SYS	O/C	356	7D	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-33B	NC	AC	18	CK	SA	A	SYS	O/C	356	7D	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-33C	NC	AC	18	CK	SA	A	SYS	O/C	356	7D	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-33D	NC	AC	18	CK	SA	A	SYS	O/C	356	7E	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-33E	NC	AC	18	CK	SA	A	SYS	O/C	356	7E	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-33F	NC	AC	18	CK	SA	A	SYS	O/C	356	7E	CC	M3			
												CO	M3		
												LT	Y2		
												PI	Y2		
Valve Name TORUS TO DRYWELL VACUUM BREAKER															
3-1601-55	NC	A	4	BTF	AO	A	O	C	356	7B	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW/TORUS N2 PURGE AND PUMP BACK SUCTION															

Pressure Suppression (Page 8)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1601-56	NC	A	18	BTF	AO	A	O	C	356	7D	FC-1 FC-2 LT PI SC	M3 RR AJ Y2 M3		RJ-16A	
Valve Name TORUS VENT AND PURGE															
3-1601-57	NC	A	1.5	GL	MO	A	O	C	356	8C	LT PI SC	AJ Y2 M3			
Valve Name DRYWELL/TORUS N2 MAKE-UP															
3-1601-58	NC	A	1.5	GL	AO	A	C	C	356	7D	FC LT PI SC	M3 AJ Y2 M3			
Valve Name N2 MAKE-UP TO TORUS															
3-1601-59	NC	A	1.5	GL	AO	A	O	C	356	6D	FC LT PI SC	M3 AJ Y2 M3			
Valve Name N2 MAKE-UP TO DRYWELL															
3-1601-60	NC	A	18	BTF	AO	A	C	C	356	2E	FC-1 FC-2 LT PI SC	M3 RR AJ Y2 M3		RJ-16A	
Valve Name TORUS VENT TO REACTOR BUILDING VENT SYSTEM															
3-1601-61	NC	A	2	GL	AO	A	C	C	356	2E	FC LT PI SC	M3 AJ Y2 M3			
Valve Name TORUS MAIN VENT BYPASS															
3-1601-62	NC	A	2	GL	AO	A	C	C	356	3B	FC LT PI SC	M3 AJ Y2 M3			
Valve Name DRYWELL VENT BYPASS															

Pressure Suppression (Page 9)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-1601-63	NC	A	6	BTF	AO	A	C	C	356	2A	FC-1	M3			
											FC-2	RR		RJ-16A	
											LT	AJ			
											PI	Y2			
											SC	M3			

Valve Name TORUS/DRYWELL VENT

3-8526	NC	C	0.75	RV	SA	A	C	O/C	356	D8	LT	AJ			
											RT	Y10			

Valve Name NITROGEN INERTING RELIEF VALVE

Drywell Equipment and Floor Drain (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2001-105	NC	A	3	DIA	AO	A	C	C	39	7F	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name DRYWELL FLOOR DRAIN SUMP PUMP DISCHARGE															
2-2001-106	NC	A	3	DIA	AO	A	C	C	39	7F	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DRYWELL FLOOR DRAIN SUMP PUMP DISCHARGE															
2-2001-5	NC	A	3	DIA	AO	A	C	C	39	4E	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DRYWELL EQUIPMENT DRAIN SUMP PUMP DISCHARGE															
2-2001-6	NC	A	3	DIA	AO	A	C	C	39	3E	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DRYWELL EQUIPMENT DRAIN SUMP PUMP DISCHARGE															
2-2099-1001	NC	C	1	RV	SA	A	C	O	39	6F	RT	Y10			
Valve Name DW FLR DRN SUMP PMP DISCH HDR RLF VLV															
2-2099-1002	NC	C	1	RV	SA	A	C	O	39	5E	RT	Y10			
Valve Name DW EQUIP DRN SUMP PMP DISCH HDR RLF VLV															
3-2001-105	NC	A	3	DIA	AO	A	C	C	369	6F	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name DRYWELL FLOOR DRAIN SUMP PUMP DISCHARGE															
3-2001-106	NC	A	3	DIA	AO	A	C	C	369	7F	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DRYWELL FLOOR DRAIN SUMP PUMP DISCHARGE															

Drywell Equipment and Floor Drain (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-2001-5	NC	A	3	DIA	AO	A	C	C	369	4E	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			

Valve Name DRYWELL EQUIPMENT DRAIN SUMP PUMP DISCHARGE

3-2001-6	NC	A	3	DIA	AO	A	C	C	369	3E	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			

Valve Name DRYWELL EQUIPMENT DRAIN SUMP PUMP DISCHARGE

3-2099-1001	NC	C	1	RV	SA	A	C	O	369	6F	RT	Y10			
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Valve Name DRYWELL FLOOR DRAIN SUMP PUMP DISCH HEADER RELIEF

3-2099-1002	NC	C	1	RV	SA	A	C	O	369	5D	RT	Y10			
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Valve Name DRYWELL EQUIPMENT DRAIN SUMP PUMP DISCH HEADER REL

High Pressure Coolant Injection (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2301-10	2	A	12	GL	MO	A	C	C	51	5E	LT	Y2			
Valve Name HPCI PUMP DISCHARGE TO CONDENSATE STORAGE															
2-2301-14	2	B	4	GL	MO	A	C	O/C	51	6C	PI	Y2			TP-00H
Valve Name HPCI MAIN PUMP MIN FLOW TO TORUS															
2-2301-20	2	AC	16	CK	SA	A	SYS	O/C	51	1E	CCD	SA			CTP00-02
Valve Name HPCI CONDENSATE STORAGE TANK SUCTION CHECK VALVE															
2-2301-23	2	C	1.5	RV	SA	A	C	O	51	3A	RT	Y10			
Valve Name HPCI PUMP SUCTION RELIEF															
2-2301-26	1	AC	0.75	XFC	SA	A	O	C	51	10C	CC	RR		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HPCI RX HI PRESS INST.															
2-2301-27	1	AC	0.75	XFC	SA	A	O	C	51	10D	CC	RR		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HPCI RX HI PRESS INST.															
2-2301-28	2	B	1	GL	AO	A	C	O	51	8B	FO	M3			
Valve Name HPCI INLET DRAIN POT 2A DRAIN TO TORUS															
2-2301-29	2	B	1	GL	AO	A	O	C	51	10B	FC	M3			
Valve Name HPCI INLET DRAIN POT DRAIN TO MAIN CONDENSER															
2-2301-3	2	B	10	GA	MO	A	C	O	51	9A	PI	Y2			
Valve Name HPCI TURBINE STEAM ADMISSION															
2-2301-31	2	B	1	GL	AO	A	C	O	51	9B	SO	M3			
Valve Name HPCI INLET DRAIN POT 2A TRAP BYPASS															
2-2301-32	2	B	1	GL	SO	A	C	O	51	7C	SO	M3	RV-23H		
Valve Name HPCI DRAIN POT TO GLAND SEAL CONDENSER															

High Pressure Coolant Injection (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2301-34	2	C	2	CK	SA	A	SYS	O/C	51	8C	CCF	CM			CTP00-02
											COF	M3			CTP00-02
Valve Name HPCI STEAM LINE DRAIN TO TORUS CHECK															
2-2301-35	2	B	16	GA	MO	A	C	O/C	51	1E	PI	Y2			TP-00H
											SC	M3			
											SO	M3			
Valve Name HPCI TORUS SUCTION															
2-2301-36	2	B	16	GA	MO	A	C	O/C	51	9E	PI	Y2			TP-00H
											SC	M3			
											SO	M3			
Valve Name HPCI TORUS SUCTION															
2-2301-39	2	C	16	CK	SA	A	SYS	O/C	51	8E	CCD	SA			CTP00-02
											COD	SA			CTP00-02
Valve Name HPCI PUMP SUCTION FROM TORUS CHECK															
2-2301-4	1	A	10	GA	MO	A	O	O/C	51	9C	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name HPCI TURBINE STEAM SUPPLY															
2-2301-40	2	C	4	CK	SA	A	SYS	O	51	7C	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name HPCI MIN FLOW TO TORUS CHECK															
2-2301-45	2	AC	24	CK	SA	A	SYS	O/C	51	8B	CC	RR		RJ-23A	
											CO	M3			
											LT	AJ			
Valve Name HPCI TURBINE EXHAUST CHECK															
2-2301-48	2	B	4	GA	MO	A	C	O	51	4B	PI	Y2			
											SO	M3			
Valve Name HPCI COOLING WATER RETURN TO BOOSTER PUMP															
2-2301-49	2	B	4	GA	MO	A	O	C	51	4D	PI	Y2			
											SC	M3			
Valve Name HPCI COOLING WATER RETURN TO CONDENSATE STORAGE															
2-2301-5	1	A	10	GA	MO	A	O	O/C	51	10B	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name HPCI TURBINE STEAM SUPPLY															

High Pressure Coolant Injection (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2301-50A	2	C	4	CK	SA	A	SYS	O	51	4C	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name HPCI GLAND SEAL CONDENSER COOLING WATER SUPPLY CHE															
2-2301-51	2	C	4	CK	SA	A	SYS	C	51	4C	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name HPCI AUX COOLING WATER PUMP DISCHARGE CHECK VALVE															
2-2301-53	2	C	4	RV	SA	A	C	O/C	51	3C	RT	Y10			
Valve Name HPCI GLAND SEAL CONDENSER COOLING WATER INLET LINE															
2-2301-6	NC	B	16	GA	MO	A	O	O/C	51	1E	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name HPCI BOOSTER PUMP SUCTION VALVE FROM THE CONDENSAT															
2-2301-64	2	B	1	GL	AO	A	O	C	51	7A	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name HPCI TURBINE STOP VALVE ABOVE SEAT DRAIN ISOLATION															
2-2301-68	NS	D	16	RPD	SA	A	C	O	51	8B	RT	Y5			
Valve Name HPCI TURBINE EXHAUST RUPTURE DISK															
2-2301-69	2	D	16	RPD	SA	A	C	O	51	8B	RT	Y5			
Valve Name HPCI TURBINE STEAM EXHAUST LINE RUPTURE DISK															
2-2301-7	2	AC	14	CK	SA	A	SYS	O/C	51	6E	CCF	RR			
											COX	CS			
											LT	Y2			
Valve Name HPCI INJECTION CHECK VALVE															
2-2301-71	2	C	2	SCK	SA	A	SYS	O/C	51	8D	CCF	CM			CTP00-02
											COF	M3			CTP00-02
Valve Name HPCI STEAM LINE DRAIN TO TORUS STOP CHECK															
2-2301-74	2	AC	12	SCK	SA	A	SYS	O/C	51	8C	CCF	AJ			CTP00-02
											COF	M3			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name HPCI TURBINE EXHAUST STOP CHECK															
2-2301-75	2	C	4	CK	SA	A	SYS	O	51	4C	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name COOLING WATER OUTLET CHECK VALVE FROM GLAND SEAL C															

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High Pressure Coolant Injection (Page 4)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2301-76	2	C	2	CK	SA	A	SYS	O/C	51	4C	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name HPCI GLAND SEAL CONDENSER CONDENSATE PUMP DISCHARG															
2-2301-8	2	A	14	GA	MO	A	C	O/C	51	6E	LT	Y2			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name HPCI MAIN PUMP DISCHARGE ISOLATION VALVE TO THE FE															
2-2301-9	2	B	14	GA	MO	A	O	O	51	5E	PI	Y2			
											SO	M3			
Valve Name HPCI PUMP DISCHARGE ISOLATION VALVE															
2-2303-STPV	2	B	10	GL	HO	A	C	O/C	51	7A	PI	Y2			CTP00-04
											SC	M3			CTP00-04
											SO	M3			CTP00-04
Valve Name HPCI TURBINE STOP VALVE															
2-2354-500	2	C	0.75	CK	SA	A	SYS	O/C	51	6E	CC	RR		RJ-23C	TP-001
											CO	RR		RJ-23C	
Valve Name ECCS KEEP FILL TO HPCI CHECK VALVE															
2-2354-501	2	C	0.75	SCK	SA	A	SYS	O/C	51	6E	CC	RR		RJ-23C	TP-001
											CO	RR		RJ-23C	
Valve Name ECCS KEEP FILL TO HPCI STOP CHECK VALVE															
2-2354-502	2	B	0.75	GL	M	A	LC	O	51	6E	SO	RR		RJ-23C	
Valve Name HPCI KEEP FILL SUPPLY ISOLATION VALVE															
2-2399-76A	2	C	1	CK	SA	A	SYS	O/C	51	8D	CCD	RR			CTP00-02
											COD	RR			CTP00-02
Valve Name HPCI TURBINE STEAM EXHAUST LINE VACUUM BREAKER															
2-2399-76B	2	C	1	CK	SA	A	SYS	O/C	51	8D	CCD	RR			CTP00-02
											COD	RR			CTP00-02
Valve Name HPCI TURBINE STEAM EXHAUST LINE VACUUM BREAKER															
2-2399-77A	NC	C	1	CK	SA	A	SYS	O/C	51	8D	CCD	RR			CTP00-02
											COD	RR			CTP00-02
Valve Name HPCI TURBINE STEAM EXHAUST LINE VACUUM BREAKER															
2-2399-77B	NC	C	1	CK	SA	A	SYS	O/C	51	8D	CCD	RR			CTP00-02
											COD	RR			CTP00-02
Valve Name HPCI TURBINE STEAM EXHAUST LINE VACUUM BREAKER															

High Pressure Coolant Injection (Page 5)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-2301-10	2	A	12	GL	MO	A	C	C	374	4E	LT	Y2			
											PI	Y2			
											SC	M3			
Valve Name HPCI PUMP DISCHARGE TO CONDENSATE STORAGE															
3-2301-14	2	B	4	GL	MO	A	C	O/C	374	6C	PI	Y2			
											SC	M3			TP-00H
											SO	M3			
Valve Name HPCI MAIN PUMP MIN FLOW TO TORUS															
3-2301-20	2	AC	16	CK	SA	A	SYS	O/C	374	1E	CCD	SA			CTP00-02
											COF	M3			CTP00-02
											LT	SA			CTP00-02
Valve Name HPCI CONDENSATE STORAGE TANK SUCTION CHECK VALVE															
3-2301-23	2	C	1.5	RV	SA	A	C	O	374	3A	RT	Y10			
Valve Name HPCI PUMP SUCTION RELIEF															
3-2301-26	1	AC	0.75	XFC	SA	A	O	C	374	10C	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HPCI RX HIGH PRESS INST.															
3-2301-27	1	AC	0.75	XFC	SA	A	O	C	374	10D	CC	RR		RJ-00A	CTP98-02
											CO	OP			CTP98-02
											LT	Y10		RJ-00A	CTP98-02
Valve Name FLOW-LIMITING CHECK FOR HPCI RX HIGH PRESS INST.															
3-2301-28	2	B	1	GL	AO	A	C	O	374	9B	FO	M3			
											PI	Y2			
											SO	M3			
Valve Name HPCI INLET DRAIN POT 3A DRAIN TO TORUS															
3-2301-29	2	B	1	GL	AO	A	O	C	374	10B	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name HPCI INLET DRAIN POT DRAIN TO MAIN CONDENSER															
3-2301-3	2	B	10	GA	MO	A	C	O	374	9A	PI	Y2			
											SO	M3			
Valve Name HPCI TURBINE STEAM SUPPLY															
3-2301-31	2	B	1	GL	AO	A	C	O	374	9A	SO	M3			
Valve Name HPCI INLET DRAIN POT 3A TRAP BYPASS															
3-2301-32	2	B	1	GL	SO	A	C	O	374	7C	SO	M3		RV-23H	
Valve Name HPCI DRAIN POT TO GLAND SEAL CONDENSER															

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Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-2301-34	2	C	2	CK	SA	A	SYS	O/C	374	8C	CCF	CM			CTP00-02 CTP00-02
Valve Name HPCI STEAM LINE DRAIN TO TORUS CHECK															
3-2301-35	2	B	16	GA	MO	A	C	O/C	374	2E	PI	Y2			TP-00H
Valve Name HPCI TORUS SUCTION															
3-2301-36	2	B	16	GA	MO	A	C	O/C	374	9E	PI	Y2			TP-00H
Valve Name HPCI TORUS SUCTION															
3-2301-39	2	C	16	CK	SA	A	SYS	O/C	374	8E	CCD	SA			CTP00-02 CTP00-02
Valve Name HPCI PUMP SUCTION FROM TORUS CHECK															
3-2301-4	1	A	10	GA	MO	A	O	O/C	374	9C	LT	AJ			
Valve Name HPCI TURBINE STEAM SUPPLY															
3-2301-40	2	C	4	CK	SA	A	SYS	O	374	7C	CCD	SA			CTP00-02 CTP00-02 CTP00-02
Valve Name HPCI MIN FLOW TO TORUS CHECK															
3-2301-45	2	AC	24	CK	SA	A	SYS	O/C	374	8B	CC	RR		RJ-23A	
Valve Name HPCI TURBINE EXHAUST CHECK															
3-2301-48	2	B	4	GA	MO	A	C	O	374	4B	PI	Y2			
Valve Name HPCI COOLING WATER RETURN TO BOOSTER PUMP															
3-2301-49	2	B	4	GA	MO	A	O	C	374	4C	PI	Y2			
Valve Name HPCI COOLING WATER RETURN TO CONDENSATE STORAGE															
3-2301-5	1	A	10	GA	MO	A	O	O/C	374	10B	LT	AJ			
Valve Name HPCI TURBINE STEAM SUPPLY															

High Pressure Coolant Injection (Page 7)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-2301-50A	2	C	4	CK	SA	A	SYS	O	374	4C	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name HPCI GLAND SEAL CONDENSER INLET															
3-2301-51	2	C	4	CK	SA	A	SYS	C	374	4C	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name HPCI AUX COOLING WATER PUMP DISCHARGE CHECK															
3-2301-53	2	C	4	RV	SA	A	C	O/C	374	3C	RT	Y10			
Valve Name HPCI GLAND SEAL CONDENSER INLET RELIEF															
3-2301-6	NC	B	16	GA	MO	A	O	O/C	374	2F	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name HPCI BOOSTER PUMP SUCTION FROM CONDENSATE STORAGE															
3-2301-64	2	B	1	GL	AO	A	O	C	374	7A	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name HPCI TURBINE STOP VALVE ABOVE SEAT DRAIN ISOLATION															
3-2301-68	NS	D	16	RPD	SA	A	C	O	374	8B	RT	Y5			
Valve Name HPCI TURBINE EXHAUST RUPTURE DISK															
3-2301-69	2	D	16	RPD	SA	A	C	O	374	8B	RT	Y5			
Valve Name HPCI TURBINE EXHAUST RUPTURE DISK															
3-2301-7	2	AC	14	CK	SA	A	SYS	O/C	374	6D	CCF	RR			
											COX	CS			
											LT	Y2			
Valve Name HPCI INJECTION CHECK VALVE															
3-2301-71	2	C	2	SCK	SA	A	SYS	O/C	374	8D	CCF	CM			CTP00-02
											COF	M3			CTP00-02
Valve Name HPCI STEAM LINE DRAIN TO TORUS STOP CHECK															
3-2301-74	2	AC	12	SCK	SA	A	SYS	O/C	374	8C	CCF	AJ			CTP00-02
											COF	M3			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name HPCI TURBINE EXHAUST STOP CHECK															
3-2301-75	2	C	4	CK	SA	A	SYS	O	374	4B	CCD	SA			CTP00-02
											COD	SA			CTP00-02
											CP	M3			CTP00-02
Valve Name COOLING WATER OUTLET CHECK VALVE FROM GLAND SEAL C															

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High Pressure Coolant Injection (Page 8)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-2301-76	2	C	2	CK	SA	A	SYS	O/C	374	4C	CCD COD CP	SA SA M3			CTP00-02 CTP00-02 CTP00-02
Valve Name HPCI GLAND SEAL CONDENSER CONDENSATE PUMP DISCHARG															
3-2301-8	2	A	14	GA	MO	A	C	O/C	374	6E	LT PI SC SO	Y2 Y2 M3 M3			
Valve Name HPCI MAIN PUMP DISCHARGE ISOLATION VALVE TO FEEDWA															
3-2301-9	2	B	14	GA	MO	A	O	O	374	5E	PI SO	Y2 M3			
Valve Name HPCI MAIN PUMP DISCHARGE ISOLATION VALVE TO FEEDWA															
3-2303-STPV	2	B	10	GL	HO	A	C	O/C	374	7A	PI SC SO	Y2 M3 M3			CTP00-04 CTP00-04 CTP00-04
Valve Name HPCI TURBINE STOP VALVE															
3-2354-500	2	C	0.75	CK	SA	A	SYS	O/C	374	6E	CC CO	RR RR		RJ-23C RJ-23C	TP-001
Valve Name ECCS KEEP FILL TO HPCI CHECK VALVE															
3-2354-501	2	C	0.75	SCK	SA	A	SYS	O/C	374	6E	CC CO	RR RR		RJ-23C RJ-23C	TP-001
Valve Name ECCS KEEP FILL TO HPCI STOP CHECK VALVE															
3-2354-502	2	B	0.75	GL	M	A	C	O	374	6E	SO	RR		RJ-23C	
Valve Name HPCI KEEP FILL SUPPLY ISOLATION VALVE															
3-2399-76A	2	C	1	CK	SA	A	SYS	O/C	374	8D	CCD COD	RR RR			CTP00-02 CTP00-02
Valve Name HPCI TURBINE EXHAUST TO TORUS VACUUM BREAKER															
3-2399-76B	2	C	1	CK	SA	A	SYS	O/C	374	8D	CCD COD	RR RR			CTP00-02 CTP00-02
Valve Name HPCI TURBINE EXHAUST TO TORUS VACUUM BREAKER															
3-2399-77A	NC	C	1	CK	SA	A	SYS	O/C	374	8D	CCD COD	RR RR			CTP00-02 CTP00-02
Valve Name HPCI TURBINE EXHAUST TO TORUS VACUUM BREAKER															
3-2399-77B	NC	C	1	CK	SA	A	SYS	O/C	374	8D	CCD COD	RR RR			CTP00-02 CTP00-02
Valve Name HPCI TURBINE EXHAUST TO TORUS VACUUM BREAKER															

Containment Atmosphere Monitoring (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2499-1A	NC	A	0.5	GA	SO	A	C	O/C	706-1	7C	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "A" CAM DRYWELL AIR SAMPLE INLET															
2-2499-1B	NC	A	0.5	GA	SO	A	C	O/C	706-1	3C	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "B" CAM DRYWELL AIR SAMPLE INLET															
2-2499-28A	NC	AC	0.5	CK	SA	A	SYS	O/C	706-1	7B	CCF	AJ			CTP00-02
											COF	M3			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name "A" CAM H2/O2 ANALYSIS SAMPLE RETURN CHECK															
2-2499-28B	NC	AC	0.5	CK	SA	A	SYS	O/C	706-1	2B	CCF	AJ			CTP00-02
											COF	M3			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name "B" CAM H2/O2 ANALYSIS SAMPLE RETURN CHECK															
2-2499-2A	NC	A	0.5	GA	SO	A	C	O/C	706-1	6C	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "A" CAM DRYWELL AIR SAMPLE INLET															
2-2499-2B	NC	A	0.5	GA	SO	A	C	O/C	706-1	4C	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "B" CAM DRYWELL AIR SAMPLE INLET															
2-2499-3A	NC	A	0.5	GA	SO	A	C	O/C	706-1	7A	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "A" CAM TORUS AIR SAMPLE INLET															

Containment Atmosphere Monitoring (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2499-3B	NC	A	0.5	GA	SO	A	C	O/C	706-1	2A	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "B" CAM TORUS AIR SAMPLE INLET															
2-2499-4A	NC	A	0.5	GA	SO	A	C	O/C	706-1	7A	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "A" CAM TORUS AIR SAMPLE INLET															
2-2499-4B	NC	A	0.5	GA	SO	A	C	O/C	706-1	3A	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "B" CAM TORUS AIR SAMPLE INLET															
2-2499-CK-1A	NC	AC	0.25	CK	SA	A	SYS	C	706-1	5F	CC	RR		RJ-00B	
											CO	M3			CTP00-04
											LT	AJ			
Valve Name HYDROGEN/OXYGEN ANALYZER CALIBRATION GAS CHK VLV															
2-2499-CK-1B	NC	AC	0.25	CK	SA	A	SYS	C	706-1	5F	CC	RR		RJ-00B	
											CO	M3			CTP00-04
											LT	AJ			
Valve Name HYDROGEN/OXYGEN ANALYZER CALIBRATION GAS CHK VLV															
2-2499-CK-2A	NC	AC	0.25	CK	SA	A	SYS	O/C	706-1	5F	CC	RR		RJ-00B	
											CO	M3			CTP00-04
											LT	AJ			
Valve Name HYDROGEN/OXYGEN ANALYZER REAGENT GAS CHK VLV															
2-2499-CK-2B	NC	AC	0.25	CK	SA	A	SYS	O/C	706-1	5F	CC	RR		RJ-00B	
											CO	M3			CTP00-04
											LT	AJ			
Valve Name HYDROGEN/OXYGEN ANALYZER REAGENT GAS CHK VLV															
2-2499-CK-3A	NC	AC	0.25	CK	SA	A	SYS	C	706-1	4F	CC	RR		RJ-00B	
											CO	M3			CTP00-04
											LT	AJ			
Valve Name HYDROGEN/OXYGEN ANALYZER CALIBRATION GAS CHK VLV															

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Containment Atmosphere Monitoring (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2499-CK-3B	NC	AC	0.25	CK	SA	A	SYS	C	706-1	4F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGEN/OXYGEN ANALYZER CALIBRATION GAS CHK VLV															
2-2499-CK-4A	NC	AC	0.25	CK	SA	A	SYS	O/C	706-1	4F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGEN/OXYGEN ANALYZER REAGENT GAS CHK VLV															
2-2499-CK-4B	NC	AC	0.25	CK	SA	A	SYS	O/C	706-1	4F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGEN/OXYGEN ANALYZER REAGENT GAS CHK VLV															
2-2499-SV-2A	NC	B	0.25	GA	SO	A	C	O	706-1	5F	FO SO	M3 M3			CTP00-04 CTP00-04
Valve Name HYDROGEN/OXYGEN ANALYZER REAGENT GAS SOL VLV															
2-2499-SV-2B	NC	B	0.25	GA	SO	A	C	O	706-1	5F	FO SO	M3 M3			CTP00-04 CTP00-04
Valve Name HYDROGEN/OXYGEN ANALYZER REAGENT GAS SOL VLV															
2-2499-SV-4A	NC	B	0.25	GA	SO	A	C	O	706-1	4F	FO SO	M3 M3			CTP00-04 CTP00-04
Valve Name HYDROGEN/OXYGEN ANALYZER REAGENT GAS SOL VLV															
2-2499-SV-4B	NC	B	0.25	GA	SO	A	C	O	706-1	4F	FO SO	M3 M3			CTP00-04 CTP00-04
Valve Name HYDROGEN/OXYGEN ANALYZER REAGENT GAS SOL VLV															
3-2499-1A	NC	A	0.5	GA	SO	A	C	O/C	706-2	7C	FC LT PI SC SO	M3 AJ Y2 M3 M3			
Valve Name "A" CAM DRYWELL AIR SAMPLE INLET															
3-2499-1B	NC	A	0.5	GA	SO	A	C	O/C	706-2	3C	FC LT PI SC SO	M3 AJ Y2 M3 M3			
Valve Name "B" CAM DRYWELL AIR SAMPLE INLET															
3-2499-28A	NC	AC	0.5	CK	SA	A	SYS	O/C	706-2	7B	CCF COF LTJ	AJ M3 AJ			CTP00-02 CTP00-02 CTP00-02
Valve Name "A" CAM H2/O2 ANALYSIS SAMPLE RETURN CHECK															

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Containment Atmosphere Monitoring (Page 4)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-2499-28B	NC	AC	0.5	CK	SA	A	SYS	O/C	706-2	2B	CCF	AJ			CTP00-02
											COF	M3			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name "B" CAM H2/O2 ANALYSIS SAMPLE RETURN CHECK															
3-2499-2A	NC	A	0.5	GA	SO	A	C	O/C	706-2	6C	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "A" CAM DRYWELL AIR SAMPLE INLET															
3-2499-2B	NC	A	0.5	GA	SO	A	C	O/C	706-2	4C	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "B" CAM DRYWELL AIR SAMPLE INLET															
3-2499-3A	NC	A	0.5	GA	SO	A	C	O/C	706-2	7A	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "A" CAM TORUS AIR SAMPLE INLET															
3-2499-3B	NC	A	0.5	GA	SO	A	C	O/C	706-2	2A	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "B" CAM TORUS AIR SAMPLE INLET															
3-2499-4A	NC	A	0.5	GA	SO	A	C	O/C	706-2	7A	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "A" CAM TORUS AIR SAMPLE INLET															
3-2499-4B	NC	A	0.5	GA	SO	A	C	O/C	706-2	3A	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "B" CAM TORUS AIR SAMPLE INLET															

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Containment Atmosphere Monitoring (Page 5)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-2499-CK-1A	NC	AC	0.25	CK	SA	A	SYS	C	706-2	5F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER CALIBRATION GAS CHK VLV															
3-2499-CK-1B	NC	AC	0.25	CK	SA	A	SYS	C	706-2	5F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER CALIBRATION GAS CHK VLV															
3-2499-CK-2A	NC	AC	0.25	CK	SA	A	SYS	O/C	706-2	5F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER REAGENT GAS CHK VLV															
3-2499-CK-2B	NC	AC	0.25	CK	SA	A	SYS	O/C	706-2	5F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER REAGENT GAS CHK VLV															
3-2499-CK-3A	NC	AC	0.25	CK	SA	A	SYS	C	706-2	4F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER CALIBRATION GAS CHK VLV															
3-2499-CK-3B	NC	AC	0.25	CK	SA	A	SYS	C	706-2	4F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER CALIBRATION GAS CHK VLV															
3-2499-CK-4A	NC	AC	0.25	CK	SA	A	SYS	O/C	706-2	4F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER REAGENT GAS CHK VLV															
3-2499-CK-4B	NC	AC	0.25	CK	SA	A	SYS	O/C	706-2	4F	CC CO LT	RR M3 AJ		RJ-00B	CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER REAGENT GAS CHK VLV															
3-2499-SV-2A	NC	B	0.25	GA	SO	A	C	O	706-2	5F	FO SO	M3 M3			CTP00-04 CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER REAGENT GAS SOL VLV															
3-2499-SV-2B	NC	B	0.25	GA	SO	A	C	O	706-2	5F	FO SO	M3 M3			CTP00-04 CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER REAGENT GAS SOL VLV															

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Containment Atmosphere Monitoring (Page 6)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-2499-SV-4A	NC	B	0.25	GA	SO	A	C	O	706-2	4F	FO	M3			CTP00-04
											SO	M3			CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER REAGENT GAS SOL VLV															
3-2499-SV-4B	NC	B	0.25	GA	SO	A	C	O	706-2	4F	FO	M3			CTP00-04
											SO	M3			CTP00-04
Valve Name HYDROGENIOXYGEN ANALYZER REAGENT GAS SOL VLV															

ACAD and NCAD (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2599-23A	NC	AC	1	CK	SA	A	SYS	C	707-1	6C	CCF	AJ			CTP00-02
											COF	AJ			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name ACAD SYSTEM DRYWELL CHECK VALVE															
2-2599-23B	NC	AC	1	CK	SA	A	SYS	C	707-1	3C	CCF	AJ			CTP00-02
											COF	AJ			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name ACAD SYSTEM DRYWELL CHECK															
2-2599-24A	NC	AC	1	CK	SA	A	SYS	C	707-1	6C	CCF	AJ			CTP00-02
											COF	AJ			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name ACAD SYSTEM TORUS CHECK VALVE															
2-2599-24B	NC	AC	1	CK	SA	A	SYS	C	707-1	3C	CCF	AJ			CTP00-02
											COF	AJ			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name ACAD SYSTEM TORUS CHECK VALVE															
2-2599-2A	NC	A	1	GL	AO	P	C	C	707-1	5C	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 2A ACAD DRYWELL AIR INLET HEADER ISOLATION VALVE															
2-2599-2B	NC	A	1	GL	AO	P	C	C	707-1	4C	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 2B ACAD DRYWELL AIR INLET HEADER ISOLATION VALVE															
2-2599-3A	NC	A	1	GL	AO	P	C	C	707-1	6C	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 2A ACAD TORUS AIR INLET HEADER ISOLATION VALVE															
2-2599-3B	NC	A	1	GL	AO	P	C	C	707-1	3C	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 2B ACAD TORUS AIR INLET HEADER ISOLATION VALVE															

ACAD and NCAD (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-2599-4A	NC	A	1.0	GL	AO	P	C	C	707-1	3F	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name 2A ACAD DRYWELL TO SBGTS VENT HEADER ISOLATION VLV															
2-2599-4B	NC	A	1.0	GL	AO	P	C	C	707-1	3E	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name 2B ACAD DRYWELL TO SBGTS VENT HEADER ISOLATION VLV															
2-2599-5A	NC	A	1.0	GL	AO	P	C	C	707-1	5F	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name 2A ACAD DRYWELL TO SBGTS VENT HEADER ISOLATION VLV															
2-2599-5B	NC	A	1.0	GL	AO	P	C	C	707-1	5E	LT	AJ			
											PI	Y2			
											SC	M3			
											SO	M3			
Valve Name 2B ACAD DRYWELL TO SBGTS VENT HEADER ISOLATION VLV															
3-2599-23A	NC	AC	1	CK	SA	A	SYS	C	707-2	3C	CCF	AJ			CTP00-02
											COF	AJ			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name ACAD SYSTEM DRYWELL CHECK VALVE															
3-2599-23B	NC	AC	1	CK	SA	A	SYS	C	707-2	6C	CCF	AJ			CTP00-02
											COF	AJ			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name ACAD SYSTEM DRYWELL CHECK VALVE															
3-2599-24A	NC	AC	1	CK	SA	A	SYS	C	707-2	3C	CCF	AJ			CTP00-02
											COF	AJ			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name ACAD SYSTEM TORUS CHECK VALVE															
3-2599-24B	NC	AC	1	CK	SA	A	SYS	C	707-2	6C	CCF	AJ			CTP00-02
											COF	AJ			CTP00-02
											LTJ	AJ			CTP00-02
Valve Name ACAD SYSTEM TORUS CHECK VALVE															

ACAD and NCAD (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-2599-2A	NC	A	1	GL	AO	P	C	C	707-2	4C	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 3A ACAD DRYWELL AIR INLET HEADER ISOLATION VALVE															
3-2599-2B	NC	A	1	GL	AO	P	C	C	707-2	5C	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 3B ACAD DRYWELL AIR INLET HEADER ISOLATION VALVE															
3-2599-3A	NC	A	1	GL	AO	P	C	C	707-2	3C	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 3A ACAD TORUS AIR INLET HEADER ISOLATION VALVE															
3-2599-3B	NC	A	1	GL	AO	P	C	C	707-2	6C	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 3B ACAD TORUS AIR INLET HEADER ISOLATION VALVE															
3-2599-4A	NC	A	1.0	GL	AO	P	C	C	707-2	3F	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 3A ACAD DRYWELL TO SBGTS VENT HEADER ISOLATION VLV															
3-2599-4B	NC	A	1.0	GL	AO	P	C	C	707-2	3E	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 3B ACAD DRYWELL TO SBGTS VENT HEADER ISOLATION VLV															
3-2599-5A	NC	A	1.0	GL	AO	P	C	C	707-2	5F	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 3A ACAD DRYWELL TO SBGTS VENT HEADER ISOLATION VLV															
3-2599-5B	NC	A	1.0	GL	AO	P	C	C	707-2	5E	LT	AJ			
												PI	Y2		
												SC	M3		
												SO	M3		
Valve Name 3B ACAD DRYWELL TO SBGTS VENT HEADER ISOLATION VLV															

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Reactor Building Closed Cooling Water (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-3702	2	A	6	GA	MO	A	O	C	20	3B	LT PI SC	AJ Y2 CS		CS-37A	
Valve Name RBCCW TO DRYWELL SUPPLY HEADER ISOLATION VALVE															
2-3703	2	A	6	GA	MO	A	O	C	20	1B	LT PI SC	AJ Y2 CS		CS-37A	
Valve Name RBCCW DRYWELL RETURN HEADER ISOLATION VALVE															
2-3706	2	A	6	GA	MO	A	O	C	20	1C	LT PI SC	AJ Y2 CS		CS-37A	
Valve Name RBCCW DRYWELL RETURN HEADER INBOARD ISOLATION VAL															
2-3769-500	2	AC	6	CK	SA	A	SYS	C	20	3C	CCF COF LTJ	AJ OP AJ			CTP00-02 CTP01-01 CTP00-02
Valve Name RBCCW DRYWELL SUPPLY HEADER CONTAINMENT ISOLATION															
2-3799-276	2	C	1	RV	SA	A	C	O	20	1C	RT	Y10			
Valve Name RBCCW DW SUPPLY HDR OVER PRESS RLF VLV															
2-3799-277	2	AC	1	RV	SA	A	C	O/C	20	1B	LT RT	AJ Y10			
Valve Name RBCCW DW RETURN HDR OVER PRESS RLF VLV															
3-3702	2	A	6	GA	MO	A	O	C	353	3B	LT PI SC	AJ Y2 CS		CS-37A	
Valve Name RBCCW TO DRYWELL SUPPLY HEADER ISOLATION VALVE															
3-3703	2	A	6	GA	MO	A	O	C	353	1B	LT PI SC	AJ Y2 CS		CS-37A	
Valve Name RBCCW DRYWELL RETURN HEADER ISOLATION VALVE															
3-3706	2	A	6	GA	MO	A	O	C	353	1C	LT PI SC	AJ Y2 CS		CS-37A	
Valve Name RBCCW DRYWELL RETURN HEADER INBOARD ISOLATION VAL															
3-3769-500	2	AC	6	CK	SA	A	SYS	C	353	3C	CCF COF LTJ	AJ OP AJ			CTP00-02 CTP01-01 CTP00-02
Valve Name RBCCW DRYWELL SUPPLY HEADER CONTAINMENT ISOLATION															
3-3799-276	2	C	1	RV	SA	A	C	O	353	1C	RT	Y10			
Valve Name RBCCW DRYWELL SUPPLY HEADER RELIEF															

Revision Date: August 20, 2001

Reactor Building Closed Cooling Water (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-3799-277	2	AC	1	RV	SA	A	C	O/C	353	1C	LT	AJ	RT	Y10	

Valve Name RBCCW DRYWELL RETURN HEADER RELIEF

Revision Date: August 20, 2001

Service Water and D/G Cooling Water (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-3930-501	3	C	6	CK	SA	A	SYS	O	22	9B	CCD COF	CM M3			CTP00-02 CTP00-02
Valve Name D/G COOLING WATER PUMP DISCHARGE CHECK VALVE															
2-3999-252	3	C	4	CK	SA	A	SYS	C	22	7C	CC CO	M3 M3			
Valve Name U2 SW SUPPLY TO ECCS ROOM COOLERS CHECK VALVE															
2/3-3930-501	3	C	6	CK	SA	A	SYS	O	355	8A	CCD COF	CM M3			CTP00-02 CTP00-02
Valve Name D/G COOLING WATER PUMP DISCHARGE CHECK VALVE															
3-3930-501	3	C	6	CK	SA	A	SYS	O	355	10B	CCD COF	CM M3			CTP00-02 CTP00-02
Valve Name D/G COOLING WATER PUMP DISCHARGE CHECK VALVE															
3-3999-252	3	C	4	CK	SA	A	SYS	C	355	7B	CC CO	M3 M3			
Valve Name U3 SW SUPPLY TO ECCS ROOM COOLERS CHECK VALVE															

Demineralized Water (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-1916-500	2	A	2	GL	M	P	LC	C	31	3C	LT	AJ			
Valve Name CLEAN DEMIN WATER SUPPLY ISOLATION VALVE TO THE TO															
2-4327-500	NC	A	3	GA	M	P	LC	C	35-1	6B	LT	AJ			
Valve Name CLEAN DEMIN WATER SUPPLY ISOLATION VALVE TO THE TO															
2-4327-502	NC	A	3	GL	M	P	LC	C	35-1	6B	LT	AJ			
Valve Name CLEAN DEMIN SERVICE TO SERVICE STATION															
2-4399-915	NC	AC	1	RV	SA	A	C	O/C	35-1	6B	LT	AJ	RT	Y10	
Valve Name DW CLEAN DEMIN WTR HDR OVER PRESS RLF VLV															
3-1916-500	2	A	2	GL	M	P	LC	C	362	3C	LT	AJ			
Valve Name CLEAN DEMIN WATER SUPPLY ISOLATION VALVE TO THE TO															
3-4327-500	NC	A	3	GA	M	P	LC	C	366	2D	LT	AJ			
Valve Name CLEAN DEMIN WATER SUPPLY ISOLATION VALVE TO THE TO															
3-4327-502	NC	A	3	GL	M	P	LC	C	366	3D	LT	AJ			
Valve Name CLEAN DEMIN SERVICE TO SERVICE STATION															
3-4399-915	NC	AC	1	RV	SA	A	C	O/C	366	3D	LT	AJ	RT	Y10	
Valve Name DRYWELL CLEAN DEMIN WATER HEADER RELEIF															

Instrument Air and Service Air (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-4640-500	NC	A	1	GL	M	P	LC	C	38-2	2D	LT	AJ			
Valve Name SERVICE AIR SV TO DRYWELL															
2-4720	NC	A	1	GA	AO	P	C	C	37-2	7C	LT	AJ			
Valve Name DRYWELL PNEUMATIC COMPRESSOR SUCTION															
2-4721	NC	A	1	GA	AO	P	C	C	37-2	7C	LT	AJ			
Valve Name DRYWELL PNEUMATIC COMPRESSOR SUCTION															
2-4722	NC	A	2	GL	AO	A	O	C	37-2	2E	FC	CS		CS-47A	
Valve Name INSTRUMENT AIR TO DRYWELL															
2-4799-281A	NC	AC	0.5	CK	SA	A	SYS	C	37-2	8D	CC	RR		RJ-00B	
Valve Name TRV 3A ACCUMULATOR INLET ISOLATION CHECK VALVE															
2-4799-530	NC	AC	2	CK	SA	A	SYS	C	37-2	2E	CCF	AJ		CTP00-02	
Valve Name DRYWELL PNEUMATIC INLET CHECK VALVE															
3-4640-500	NC	A	1	GL	M	P	LC	C	368	7B	LT	AJ			
Valve Name SERVICE AIR SV TO DRYWELL															
3-4720	NC	A	1	GA	AO	P	C	C	367-2	7C	LT	AJ			
Valve Name DRYWELL PNEUMATIC COMPRESSOR SUCTION															
3-4721	NC	A	1	GA	AO	P	C	C	367-2	7C	LT	AJ			
Valve Name DRYWELL PNEUMATIC COMPRESSOR SUCTION															
3-4722	NC	A	2	GL	AO	A	O	C	367-2	2E	FC	CS		CS-47A	
Valve Name INSTRUMENT AIR TO DRYWELL															

Instrument Air and Service Air (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-4799-281A	NC	AC	0.5	CK	SA	A	SYS	C	367-2	4B	CC CO LT	RR OP Y2		RJ-00B	CTP01-01
Valve Name TRV 3A ACCUMULATOR INLET ISOLATION CHECK VALVE															
3-4799-530	NC	AC	2	CK	SA	A	SYS	C	367-2	2E	CCF COF LTJ	AJ OP AJ			CTP00-02 CTP00-02 CTP00-02
Valve Name DRYWELL PNEUMATIC INLET CHECK VALVE															

Control Room Ventilation (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2/3-1599-103	3	C	2.5	CK	SA	A	SYS	O	3121	1C	CCD CO	CM M3			CTP00-02 CTP00-02
Valve Name TRAIN B CONTROL ROOM HVAC CCSW SUPPLY CHECK VALVE															
2/3-5741-068	NC	B	2.125	GL	SO	A	C	O	3121	4C	SO	M3			CTP00-04
Valve Name CONTROL ROOM HVAC TRAIN B CHILLER REFRIGERANT LIQU															
2/3-5741-071	NC	C	1	RV	SA	A	C	O	3121	4C	RT	Y10			
Valve Name CONTROL ROOM TRAIN B HVAC CHILLER CONDENSER RELIEF															
2/3-5741-35	NC	B	1	GL	AO	P	C	C	3121	7E	PI	Y2			
Valve Name CONTROL ROOM HVAC AIR FILTRATION UNIT FIRE SUPPRES															
2/3-5741-48A	3	B	2.5	GL	AO	A	C	O	3121	2B	FO PI SO	M3 Y2 M3			
Valve Name TRAIN B CR HVAC CCSW SUPPLY ISOLATION VALVE															
2/3-5741-48B	NC	B	3	GL	AO	A	O	C	3121	2C	FC PI SC	M3 Y2 M3			
Valve Name TRAIN B CR HVAC SERVICE WATER SUPPLY ISOL VLV															
2/3-5741-62	3	B	3	GL	AO	A	C	O	3121	2C	FO SO	M3 M3	RV-57A RV-57A		
Valve Name TRAIN B CONTROL ROOM HVAC COOLING WATER OUTLET CON															

Reactor Building Ventilation (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-5741-A	NC	N/A	48	DAM	AO	N/A	O	N/A	269-1	2A	SC	M3			
Valve Name REACTOR BUILDING VENT SUPPLY ISOLATION VALVE															
2-5741-B	NC	N/A	48	DAM	AO	N/A	O	N/A	269-1	3A	SC	M3			
Valve Name REACTOR BUILDING VENT SUPPLY ISOLATION VALVE															
2-5742-A	NC	N/A	48	DAM	AO	N/A	O	N/A	269-1	9C	SC	M3			
Valve Name REACTOR BUILDING VENT EXHAUST ISOLATION VALVE															
2-5742-B	NC	N/A	48	DAM	AO	N/A	O	N/A	269-1	9C	SC	M3			
Valve Name REACTOR BUILDING VENT EXHAUST ISOLATION VALVE															
3-5741-A	NC	N/A	48	DAM	AO	N/A	O	N/A	529-1	3A	SC	M3			
Valve Name REACTOR BUILDING VENT SUPPLY ISOLATION VALVE															
3-5741-B	NC	N/A	48	DAM	AO	N/A	O	N/A	529-1	3A	SC	M3			
Valve Name REACTOR BUILDING VENT SUPPLY ISOLATION VALVE															
3-5742-A	NC	N/A	48	DAM	AO	N/A	O	N/A	529-1	9B	SC	M3			
Valve Name REACTOR BUILDING VENT EXHAUST ISOLATION VALVE															
3-5742-B	NC	N/A	48	DAM	AO	N/A	O	N/A	529-1	10B	SC	M3			
Valve Name REACTOR BUILDING VENT EXHAUST ISOLATION VALVE															

Diesel Generator Fuel Oil Storage and Transfer (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-5202A-501	NC	C	1.5	CK	SA	A	SYS	O	41-2	5E	CC CO	N/A M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL TRANSFER PUMP DISCHARGE CHECK VALVE															
2-6699-122	NC	C	0.5	CK	SA	A	SYS	O/C	518-1	6C	CC CO	M3 M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL PRIMING PUMP DISCHARGE CHECK VALVE															
2-6699-123	NC	C	0.5	RV	SA	A	C	O	518-1	5D	SO	M3			CTP00-04
Valve Name D/G FUEL OIL SUPPLY RELIEF VALVE															
2-6699-125A	NC	C	0.625	RV	SA	A	C	O	518-1	5D	RT SC	Y10 M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL FILTER BYPASS RELIEF VALVE															
2-6699-125B	NC	C	0.625	RV	SA	A	C	O	518-1	5E	SO	M3			CTP00-04
Valve Name D/G FUEL OIL RETURN RELIEF VALVE															
2-6699-126	NC	C	0.75	CK	SA	A	SYS	O	518-1	5E	CC CO	N/A M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL RETURN CHECK VALVE															
2/3-5202A-501	NC	C	1.5	CK	SA	A	SYS	O	41-2	1D	CC CO	N/A M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL TRANSFER PUMP DISCHARGE CHECK VALVE															
2/3-6699-122	NC	C	0.5	CK	SA	A	SYS	O/C	518-2	6C	CC CO	M3 M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL PRIMING PUMP DISCHARGE CHECK VALVE															
2/3-6699-123	NC	C	0.5	RV	SA	A	C	O	518-2	5D	SO	M3			CTP00-04
Valve Name D/G FUEL OIL SUPPLY RELIEF VALVE															
2/3-6699-125A	NC	C	0.625	RV	SA	A	C	O	518-2	5D	RT SC	Y10 M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL FILTER BYPASS RELIEF VALVE															
2/3-6699-125B	NC	C	0.625	RV	SA	A	C	O	518-2	5E	SO	M3			CTP00-04
Valve Name D/G FUEL OIL RETURN RELIEF VALVE															
2/3-6699-126	NC	C	0.75	CK	SA	A	SYS	O	518-2	5E	CC CO	N/A M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL RETURN CHECK VALVE															
3-5202A-501	NC	C	1.5	CK	SA	A	SYS	O	41-2	5B	CC CO	N/A M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL TRANSFER PUMP DISCHARGE CHECK VALVE															
3-6699-122	NC	C	0.5	CK	SA	A	SYS	O/C	518-3	6C	CC CO	M3 M3			CTP00-04 CTP00-04
Valve Name D/G FUEL OIL PRIMING PUMP DISCHARGE CHECK VALVE															

Diesel Generator Fuel Oil Storage and Transfer (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-6699-123	NC	C	0.5	RV	SA	A	C	O	518-3	5D	SO	M3			CTP00-04
Valve Name D/G FUEL OIL SUPPLY RELIEF VALVE															
3-6699-125A	NC	C	0.625	RV	SA	A	C	O	518-3	5D	RT	Y10			CTP00-04
Valve Name D/G FUEL OIL FILTER BYPASS RELIEF VALVE															
3-6699-125B	NC	C	0.625	RV	SA	A	C	O	518-3	5E	SO	M3			CTP00-04
Valve Name D/G FUEL OIL RETURN RELIEF VALVE															
3-6699-126	NC	C	0.75	CK	SA	A	SYS	O	518-3	5E	CC	N/A			CTP00-04
Valve Name D/G FUEL OIL RETURN CHECK VALVE															

Diesel Generator Lube Oil (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-6699-109	NC	C	3	RV	SA	A	C	O	478-1	2D	RT	Y10			
Valve Name D/G LUBE OIL FILTER BYPASS RELIEF VALVE															
2-6699-110	NC	C	1	RV	SA	A	O	C	478-1	6C	SC	M3			CTP00-04
Valve Name D/G CIRCULATING PUMP DISCHARGE RELIEF VALVE															
2-6699-113	NC	C	1	RV	SA	A	C	O/C	478-1	5C	RT	Y10			CTP00-04
											SC	M3			CTP00-04
Valve Name D/G TURBOCHARGER LUBE OIL FILTER BYPASS RELIEF VLV															
2-6699-114	NC	C	0.5	CK	SA	A	SYS	C	478-1	3E	CC	M3			CTP00-04
											CO	N/A			CTP00-04
Valve Name D/G LUBE OIL PRELUBRICATION CHECK VALVE															
2-6699-119	NC	C	1	CK	SA	A	SYS	C	478-1	8E	CC	M3			CTP00-04
											CO	N/A			CTP00-04
Valve Name D/G TURBOCHARGER LUBE OIL SUPPLY CHECK VALVE															
2-6699-120	NC	C	1	CK	SA	A	SYS	O	478-1	8E	CC	N/A			CTP00-04
											CO	M3			CTP00-04
Valve Name D/G TURBOCHARGER MAIN LUBE OIL SUPPLY CHECK VALVE															
2-6699-143	NC	C	3	RV	SA	A	C	O/C	478-1	6F	RT	Y10			
Valve Name D/G LUBE OIL PRESSURE RELIEF VALVE															
2/3-6699-109	NC	C	3	RV	SA	A	C	O	478-2	2D	RT	Y10			
Valve Name D/G LUBE OIL FILTER BYPASS RELIEF VALVE															
2/3-6699-110	NC	C	1	RV	SA	A	O	C	478-2	6C	SC	M3			CTP00-04
Valve Name D/G CIRCULATING PUMP DISCHARGE RELIEF VALVE															
2/3-6699-113	NC	C	1	RV	SA	A	C	O/C	478-2	5C	RT	Y10			CTP00-04
											SC	M3			CTP00-04
Valve Name D/G TURBOCHARGER LUBE OIL FILTER BYPASS RELIEF VLV															
2/3-6699-114	NC	C	0.5	CK	SA	A	SYS	C	478-2	3E	CC	M3			CTP00-04
											CO	N/A			CTP00-04
Valve Name D/G LUBE OIL PRELUBRICATION CHECK VALVE															
2/3-6699-119	NC	C	1	CK	SA	A	SYS	C	478-2	8E	CC	M3			CTP00-04
											CO	N/A			CTP00-04
Valve Name D/G TURBOCHARGER LUBE OIL SUPPLY CHECK VALVE															
2/3-6699-120	NC	C	1	CK	SA	A	SYS	O	478-2	8E	CC	N/A			CTP00-04
											CO	M3			CTP00-04
Valve Name D/G TURBOCHARGER MAIN LUBE OIL SUPPLY CHECK VALVE															
2/3-6699-143	NC	C	3	RV	SA	A	C	O/C	478-2	6F	RT	Y10			
Valve Name D/G LUBE OIL PRESSURE RELIEF VALVE															
3-6699-109	NC	C	3	RV	SA	A	C	O	478-3	2D	RT	Y10			
Valve Name D/G LUBE OIL FILTER BYPASS RELIEF VALVE															

Revision Date: August 20, 2001

Diesel Generator Lube Oil (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-6699-110	NC	C	1	RV	SA	A	O	C	478-3	6C	SC	M3			CTP00-04
Valve Name D/G CIRCULATING PUMP DISCHARGE RELIEF VALVE															
3-6699-113	NC	C	1	RV	SA	A	C	O/C	478-3	5C	RT	Y10			CTP00-04
Valve Name D/G TURBOCHARGER LUBE OIL FILTER BYPASS RELIEF VLV															
3-6699-114	NC	C	0.5	CK	SA	A	SYS	C	478-3	3E	CC	M3			CTP00-04
Valve Name D/G LUBE OIL PRELUBRICATION CHECK VALVE															
3-6699-119	NC	C	1	CK	SA	A	SYS	C	478-3	8E	CC	M3			CTP00-04
Valve Name D/G TURBOCHARGER LUBE OIL SUPPLY CHECK VALVE															
3-6699-120	NC	C	1	CK	SA	A	SYS	O	478-3	8E	CC	N/A			CTP00-04
Valve Name D/G TURBOCHARGER MAIN LUBE OIL SUPPLY CHECK VALVE															
3-6699-143	NC	C	3	RV	SA	A	C	O/C	478-3	6F	RT	Y10			CTP00-04
Valve Name D/G LUBE OIL PRESSURE RELIEF VALVE															

Diesel Generator Starting Air (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-4699-311A	NC	C	0.5	CK	SA	A	SYS	C	173	4F	CC CO	M3 OP			CTP01-01
Valve Name D/G STARTING AIR COMPRESSOR "A" DISCHARGE CK VALVE															
2-4699-311B	NC	C	0.5	CK	SA	A	SYS	C	173	6F	CC CO	M3 OP			CTP01-01
Valve Name D/G STARTING AIR COMPRESSOR "B" DISCHARGE CK VALVE															
2-4699-312	NC	C	1.5	CK	SA	A	SYS	O/C	173	5D	CC CO	M3 M3			
Valve Name D/G STARTING AIR RECEIVER TANK OUTLET CHECK VALVE															
2-4699-313A	NC	C	0.75	RV	SA	A	C	O/C	173	3D	RT	Y10			
Valve Name D/G STARTING AIR A1 RECEIVER TANK RELIEF VALVE															
2-4699-313B	NC	C	0.75	RV	SA	A	C	O/C	173	5D	RT	Y10			
Valve Name D/G STARTING AIR B1 RECEIVER TANK RELIEF VALVE															
2-4699-314A	NC	C	0.75	RV	SA	A	C	O/C	173	4D	RT	Y10			
Valve Name D/G STARTING AIR A2 RECEIVER TANK RELIEF VALVE															
2-4699-314B	NC	C	0.75	RV	SA	A	C	O/C	173	6D	RT	Y10			
Valve Name D/G STARTING AIR B2 RECEIVER TANK RELIEF VALVE															
2-4699-316	NC	C	1.5	CK	SA	A	SYS	O/C	173	5D	CC CO	M3 M3			
Valve Name D/G STARTING AIR RECEIVER TANK OUTLET CHECK VALVE															
2-6699-102	NC	B	1.5	BAL	M	P	O	O	173	10A	PI	Y2			CTP00-04
Valve Name D/G STARTING AIR CUT OFF VALVE															
2-6699-103	NC	B	0.375	3W	SO	A	D	D/E	173	10B	SD SE	M3 M3			CTP00-04 CTP00-04
Valve Name D/G AIR START SOLENOID VALVE															
2-6699-104	NC	C	0.375	CK	SA	A	SYS	O/C	173	10B	CC CO	M3 M3			CTP00-04 CTP00-04
Valve Name D/G AIR START CHECK VALVE															
2-6699-105	NC	B	1.5	GA	AO	A	C	O/C	173	10A	SC SO	M3 M3			CTP00-04 CTP00-04
Valve Name D/G AIR START RELAY VALVE															
2/3-4699-311A	NC	C	0.5	CK	SA	A	SYS	C	173	4F	CC CO	M3 OP			CTP01-01
Valve Name D/G STARTING AIR COMPRESSOR "A" DISCHARGE CK VALVE															
2/3-4699-311B	NC	C	0.5	CK	SA	A	SYS	C	173	6F	CC CO	M3 OP			CTP01-01
Valve Name D/G STARTING AIR COMPRESSOR "B" DISCHARGE CK VALVE															

Diesel Generator Starting Air (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2/3-4699-312	NC	C	1.5	CK	SA	A	SYS	O/C	173	5D	CC	M3			
Valve Name D/G STARTING AIR RECEIVER TANK OUTLET CHECK VALVE															
2/3-4699-313A	NC	C	0.75	RV	SA	A	C	O/C	173	3D	RT	Y10			
Valve Name D/G STARTING AIR A1 RECEIVER TANK RELIEF VALVE															
2/3-4699-313B	NC	C	0.75	RV	SA	A	C	O/C	173	5D	RT	Y10			
Valve Name D/G STARTING AIR B1 RECEIVER TANK RELIEF VALVE															
2/3-4699-314A	NC	C	0.75	RV	SA	A	C	O/C	173	4D	RT	Y10			
Valve Name D/G STARTING AIR A2 RECEIVER TANK RELIEF VALVE															
2/3-4699-314B	NC	C	0.75	RV	SA	A	C	O/C	173	6D	RT	Y10			
Valve Name D/G STARTING AIR B2 RECEIVER TANK RELIEF VALVE															
2/3-4699-316	NC	C	1.5	CK	SA	A	SYS	O/C	173	5D	CC	M3			
Valve Name D/G STARTING AIR RECEIVER TANK OUTLET CHECK VALVE															
2/3-6699-102	NC	B	1.5	BAL	M	P	O	O	173	10A	PI	Y2			CTP00-04
Valve Name D/G STARTING AIR CUT OFF VALVE															
2/3-6699-103	NC	B	0.375	3W	SO	A	D	D/E	173	10B	SD	M3			CTP00-04
Valve Name D/G AIR START SOLENOID VALVE															
2/3-6699-104	NC	C	0.375	CK	SA	A	SYS	O/C	173	10B	CC	M3			CTP00-04
Valve Name D/G AIR START CHECK VALVE															
2/3-6699-105	NC	B	1.5	GA	AO	A	C	O/C	173	10A	SC	M3			CTP00-04
Valve Name D/G AIR START RELAY VALVE															
3-4699-311A	NC	C	0.5	CK	SA	A	SYS	C	173	4F	CC	M3			CTP01-01
Valve Name D/G STARTING AIR COMPRESSOR "A" DISCHARGE CK VALVE															
3-4699-311B	NC	C	0.5	CK	SA	A	SYS	C	173	6F	CC	M3			CTP01-01
Valve Name D/G STARTING AIR COMPRESSOR "B" DISCHARGE CK VALVE															
3-4699-312	NC	C	1.5	CK	SA	A	SYS	O/C	173	5D	CC	M3			
Valve Name D/G STARTING AIR RECEIVER TANK OUTLET CHECK VALVE															
3-4699-313A	NC	C	0.75	RV	SA	A	C	O/C	173	3D	RT	Y10			
Valve Name D/G STARTING AIR A1 RECEIVER TANK RELIEF VALVE															
3-4699-313B	NC	C	0.75	RV	SA	A	C	O/C	173	5D	RT	Y10			
Valve Name D/G STARTING AIR B1 RECEIVER TANK RELIEF VALVE															

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Diesel Generator Starting Air (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-4699-314A	NC	C	0.75	RV	SA	A	C	O/C	173	4D	RT	Y10			
Valve Name D/G STARTING AIR A2 RECEIVER TANK RELIEF VALVE															
3-4699-314B	NC	C	0.75	RV	SA	A	C	O/C	173	6D	RT	Y10			
Valve Name D/G STARTING AIR B2 RECEIVER TANK RELIEF VALVE															
3-4699-316	NC	C	1.5	CK	SA	A	SYS	O/C	173	5D	CC	M3			
CO M3															
Valve Name D/G STARTING AIR RECEIVER TANK OUTLET CHECK VALVE															
3-6699-102	NC	B	1.5	BAL	M	P	O	O	173	10A	PI	Y2			CTP00-04
Valve Name D/G STARTING AIR CUT OFF VALVE															
3-6699-103	NC	B	0.375	3W	SO	A	D	D/E	173	10B	SD	M3			CTP00-04
SE M3															
Valve Name D/G AIR START SOLENOID VALVE															
3-6699-104	NC	C	0.375	CK	SA	A	SYS	O/C	173	10B	CC	M3			CTP00-04
CO M3															
Valve Name D/G AIR START CHECK VALVE															
3-6699-105	NC	B	1.5	GA	AO	A	C	O/C	173	10A	SC	M3			CTP00-04
SO M3															
Valve Name D/G AIR START RELAY VALVE															

Standby Gas Treatment (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2/3-7504A	NC	B	4	BTF	MO	A	O	O/C	49	3C	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name A SBG T TRN OUTSIDE AIR INLET MO VLV															
2/3-7504B	NC	B	4	BTF	MO	A	O	O/C	49	3A	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name B SBG T TRN OUTSIDE AIR INLET MO VLV															
2/3-7505-A	NC	B	24	BTF	MO	A	C	O/C	49	3C	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "A" SBG T INLET															
2/3-7505-B	NC	B	24	BTF	MO	A	C	O/C	49	3A	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "B" SBG T INLET															
2/3-7506-A	NC	B	24	BTF	M	P	LO	O	49	8C	PI	Y2			
Valve Name A SBG T MANUAL ISOLATION FOR FAN 2/3-7506A															
2/3-7506-B	NC	B	24	BTF	M	P	LO	O	49	8A	PI	Y2			
Valve Name B SBG T MANUAL ISOLATION FOR FAN 2/3-7506B															
2/3-7507-A	NC	B	24	BTF	MO	A	C	O/C	49	9C	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "A" SBG T BLOWER OUTLET															
2/3-7507-B	NC	B	24	BTF	MO	A	C	O/C	49	9A	PI	Y2			
											SC	M3			
											SO	M3			
Valve Name "B" SBG T BLOWER OUTLET															
2/3-7509	NC	B	24	BTF	M	P	LO	O	49	8B	PI	Y2			
Valve Name SBG T S CROSS TIE VALVE															
2/3-7510-A	NC	B	18	BTF	AO	A	O	O	49	9C	FO	RR			TP-75B
											SO	M3			TP-75C
Valve Name "A" SBG T BLOWER INLET															
2/3-7510-B	NC	B	18	BTF	AO	A	O	O	49	9A	FO	RR			TP-75B
											SO	M3			TP-75C
Valve Name "B" SBG T BLOWER INLET															

Containment Air Sampling (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-8501-1A	NC	A	0.5	GL	AO	A	O	C	25	2E	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS PROCESS SAMPLE INBOARD ISOLATION VALVE															
2-8501-1B	NC	A	0.5	GL	AO	A	O	C	25	2D	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS PROCESS SAMPLE OUTBOARD ISOLATION VALVE															
2-8501-3A	NC	A	1	GL	AO	A	O	C	25	4D	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name PROCESS SAMPLE RETURN INBOARD ISOLATION VALVE															
2-8501-3B	NC	A	1	GL	AO	A	O	C	25	4D	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name PROCESS SAMPLE RETURN OUTBOARD ISOLATION VALVE															
2-8501-5A	NC	A	0.5	GL	AO	A	O	C	25	3D	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DW PROCESS SAMPLE INBOARD ISOLATION VALVE															
2-8501-5B	NC	A	0.5	GL	AO	A	O	C	25	3D	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DW PROCESS SAMPLE OUTBOARD ISOLATION VALVE															
2-8507-500	NC	A	0.5	GL	M	P	LC	C	178	6F	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-502	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-503	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-504	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															

Containment Air Sampling (Page 2)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-8507-505	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-506	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-507	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-508	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-509	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-510	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-511	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-512	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-513	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-514	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-515	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-516	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-517	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-518	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-519	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-520	NC	A	0.5	GL	M	P	LC	C	178	7F	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8507-521	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
2-8599-629	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															

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Containment Air Sampling (Page 3)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-8599-631	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-632	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-633	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-634	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-635	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-636	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-637	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-638	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-639	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-640	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-641	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-642	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-643	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-644	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-645	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-646	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-647	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-648	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															

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Containment Air Sampling (Page 4)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-8599-649	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-8599-650	NC	A	0.5	GL	M	P	LC	C	178	7E	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
2-9205A	NC	A	0.5	GL	AO	A	O	C	25	7C	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW PROCESS SAMPLE INBOARD ISOLATION VALVE															
2-9205B	NC	A	0.5	GL	AO	A	O	C	25	7C	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW PROCESS SAMPLE OUTBOARD ISOLATION VALVE															
2-9206A	NC	A	0.5	GL	AO	A	O	C	25	6C	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW PROCESS SAMPLE INBOARD ISOLATION VALVE															
2-9206B	NC	A	0.5	GL	AO	A	O	C	25	6C	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW PROCESS SAMPLE OUTBOARD ISOLATION VALVE															
2-9207A	NC	A	1	GA	AO	A	O	C	25	5C	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name PROCESS SAMPLE PORTABLE CONNECTION ISO VALVE															
2-9207B	NC	A	1	GA	AO	A	O	C	25	5C	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name PROCESS SAMPLE PORTABLE CONNECTION ISO VALVE															
2-9208A	NC	A	1	GA	AO	A	O	C	25	5C	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name PROCESS SAMPLE PORTABLE CONNECTION ISO VALVE															

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Containment Air Sampling (Page 5)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-9208B	NC	A	1	GA	AO	A	O	C	25	5C	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name PROCESS SAMPLE PORTABLE CONNECTION ISO VALVE															
3-8501-1A	NC	A	0.5	GL	AO	A	O	C	356	E2	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS PROCESS SAMPLE INBOARD ISOLATION VALVE															
3-8501-1B	NC	A	0.5	GL	AO	A	O	C	356	E2	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name TORUS PROCESS SAMPLE OUTBOARD ISOLATION VALVE															
3-8501-3A	NC	A	1	GL	AO	A	O	C	356	D4	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name PROCESS SAMPLE RETURN INBOARD ISOLATION VALVE															
3-8501-3B	NC	A	1	GL	AO	A	O	C	356	D4	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name PROCESS SAMPLE RETURN OUTBOARD ISOLATION VALVE															
3-8501-5A	NC	A	0.5	GL	AO	A	O	C	356	D3	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DW PROCESS SAMPLE INBOARD ISOLATION VALVE															
3-8501-5B	NC	A	0.5	GL	AO	A	O	C	356	D3	FC	M3			
											LT	AJ			
											PI	Y2			
											SC	M3			
Valve Name DW PROCESS SAMPLE OUTBOARD ISOLATION VALVE															
3-8502-500	NC	A	3	GA	M	P	C	C	356	C5	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-501	NC	A	0.5	GL	M	P	LC	C	421	D3	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															

Containment Air Sampling (Page 6)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-8507-502	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-503	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-504	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-505	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-506	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-507	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-508	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-509	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-510	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-511	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-512	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-513	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-514	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-515	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-516	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-517	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-518	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-519	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															

Containment Air Sampling (Page 7)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-8507-520	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8507-521	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE INBOARD ISOLATION VALVE															
3-8599-630	NC	A	0.5	GL	M	P	LC	C	421	D3	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-631	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-632	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-633	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-634	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-635	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-636	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-637	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-638	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-639	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-640	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-641	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-642	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-643	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-644	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-645	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															

Revision Date: August 20, 2001

Containment Air Sampling (Page 8)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
3-8599-646	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-647	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-648	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-649	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-8599-650	NC	A	0.5	GL	M	P	LC	C	421	D4	LT	AJ			
Valve Name DW MANUAL SAMPLE LINE OUTBOARD ISOLATION VALVE															
3-9205A	NC	A	0.5	GL	AO	A	O	C	356	D3	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW PROCESS SAMPLE INBOARD ISOLATION VALVE															
3-9205B	NC	A	0.5	GL	AO	A	O	C	356	D3	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW PROCESS SAMPLE OUTBOARD ISOLATION VALVE															
3-9206A	NC	A	0.5	GL	AO	A	O	C	356	D2	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW PROCESS SAMPLE INBOARD ISOLATION VALVE															
3-9206B	NC	A	0.5	GL	AO	A	O	C	356	D2	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name DW PROCESS SAMPLE OUTBOARD ISOLATION VALVE															
3-9207A	NC	A	1	GA	AO	A	O	C	356	D6	FC	M3			
												LT	AJ		
												PI	Y2		
												SC	M3		
Valve Name PROCESS SAMPLE PORTABLE CONNECTION ISO VALVE															

Containment Air Sampling (Page 9)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.	
3-9207B	NC	A	1	GA	AO	A	O	C	356	D6	FC	M3				
												LT	AJ			
												PI	Y2			
												SC	M3			
Valve Name PROCESS SAMPLE PORTABLE CONNECTION ISO VALVE																
3-9208A	NC	A	1	GA	AO	A	O	C	356	D6	FC	M3				
												LT	AJ			
												PI	Y2			
												SC	M3			
Valve Name PROCESS SAMPLE PORTABLE CONNECTION ISO VALVE																
3-9208B	NC	A	1	GA	AO	A	O	C	356	D6	FC	M3				
												LT	AJ			
												PI	Y2			
												SC	M3			
Valve Name PROCESS SAMPLE PORTABLE CONNECTION ISO VALVE																

High Radiation Sampling (Page 1)

Valve EPN	Safety Class	Category	Size	Valve Type	Act. Type	Active / Passive	Normal Position	Safety Position	P&ID	P&ID Coord.	Test Type	Test Freq.	Relief Request	Deferred Just.	Tech. Pos.
2-8941-101	NC	B	0.5	GA	AO	A	C	C	1235	7C	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name HRSS SBTG SUPPLY HEADER SAMPLE AOV															
2-8941-709	2	B	0.5	GA	AO	A	C	C	1234-1	5F	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name "A" LPCI HEAT EXCH. TO HRSS AND GRAB SAMPLE															
2-8941-710	2	B	0.5	GA	AO	A	C	C	1234-1	5E	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name "B" LPCI HEAT EXCH. TO HRSS AND GRAB SAMPLE															
3-8941-101	NC	B	0.5	GA	AO	A	C	C	1240	6C	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name HRSS SBTG SUPPLY HEADER SAMPLE AOV															
3-8941-709	2	B	0.5	GA	AO	A	C	C	1239-1	5F	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name "A" LPCI HEAT EXCH TO HRSS AND GRAB SAMPLE															
3-8941-710	2	B	0.5	GA	AO	A	C	C	1239-1	5E	FC	M3			
											PI	Y2			
											SC	M3			
Valve Name "B" LPCI HEAT EXCH TO HRSS AND GRAB SAMPLE															