

ATTACHMENT 16.

INSERVICE TESTING VALVE TABLE

Byron Station
IST PROGRAM PLAN

Aux Feed 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.
1AF001A	3	C	6	CK	SA	A	SYS	C	M-37	D-2	CCA COA	CM CM			CW00-02 CW00-02
Valve Name CST TO AUX FEEDWATER PUMP 1A SUCTION CHECK VALVE															
1AF001B	3	C	6	CK	SA	A	SYS	C	M-37	B-2	CCA COA	CM CM			CW00-02 CW00-02
Valve Name CST TO AUX FEEDWATER PUMP 1B SUCTION CHECK VALVE															
1AF003A	3	C	6	CK	SA	A	SYS	O	M-37	D-4	CCA COA	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER PUMP 1A DISCHARGE CHECK VALVE															
1AF003B	3	C	6	CK	SA	A	SYS	O	M-37	B-4	CCA COA	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER PUMP 1B DISCHARGE CHECK VALVE															
1AF004A	3	B	6	GL	AO	P	O	O	M-37	D-5	PI	Y2			VA-4
Valve Name AUX FEEDWATER PUMP 1A DISCHARGE ISOLATION VALVE															
1AF004B	3	B	6	GL	AO	P	O	O	M-37	B-5	PI	Y2			VA-4
Valve Name AUX FEEDWATER PUMP 1B DISCHARGE ISOLATION VALVE															
1AF006A	3	B	6	GA	MO	A	C	O	M-37	E-3	PI SO	Y2 M3			VA-4 VA-1
Valve Name AUX FEEDWATER PUMP 1A SX SUCT DWST ISOL VLV															
1AF006B	3	B	6	GA	MO	A	C	O	M-37	B-3	PI SO	Y2 M3			VA-4 VA-1
Valve Name AUX FEEDWATER PUMP 1B SX SUCT DWST ISOL VLV															
1AF013A	2	B	4	GL	MO	A	O	O/C	M-37	D-7	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 1A ISOL VLV															
1AF013B	2	B	4	GL	MO	A	O	O/C	M-37	A-7	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 1B ISOL VLV															
1AF013C	2	B	4	GL	MO	A	O	O/C	M-37	E-7	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 1C ISOL VLV															
1AF013D	2	B	4	GL	MO	A	O	O/C	M-37	D-7	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 1D ISOL VLV															
1AF013E	2	B	4	GL	MO	A	O	O/C	M-37	D-7	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 1A ISOL VLV															

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Aux Feed 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.
1AF013F	2	B	4	GL	MO	A	O	O/C	M-37	B-7	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 1B ISOL VLV															
1AF013G	2	B	4	GL	MO	A	O	O/C	M-37	E-7	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 1C ISOL VLV															
1AF013H	2	B	4	GL	MO	A	O	O/C	M-37	C-7	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 1D ISOL VLV															
1AF014A	2	C	4	CK	SA	A	C	O/C	M-37	D-8	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 1A CHECK VALVE															
1AF014B	2	C	4	CK	SA	A	C	O/C	M-37	A-8	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 1B CHECK VALVE															
1AF014C	2	C	4	CK	SA	A	C	O/C	M-37	E-8	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 1C CHECK VALVE															
1AF014D	2	C	4	CK	SA	A	C	O/C	M-37	B-8	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 1D CHECK VALVE															
1AF014E	2	C	4	CK	SA	A	C	O/C	M-37	D-8	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 1A CHECK VALVE															
1AF014F	2	C	4	CK	SA	A	C	O/C	M-37	B-8	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 1B CHECK VALVE															
1AF014G	2	C	4	CK	SA	A	C	O/C	M-37	E-8	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 1C CHECK VALVE															
1AF014H	2	C	4	CK	SA	A	C	O/C	M-37	C-8	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 1D CHECK VALVE															
1AF017A	3	B	6	GA	MO	A	C	O	M-37	F-3	PI SO	Y2 M3			VA-4 VA-1
Valve Name AUX FEEDWATER PUMP 1A SX SUCT UPST ISOL VLV															
1AF017B	3	B	6	GA	MO	A	C	O	M-37	C-3	PI SO	Y2 M3			VA-4 VA-1
Valve Name AUX FEEDWATER PUMP 1B SX SUCT UPST ISOL VLV															

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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.
1AF022A	3	B	2	GL	AO	P	O	O	M-37	D-4	PI	Y2			VA-4
Valve Name CST MINFLOW RECIRCULATION FLOW VALVE															
1AF022B	3	B	2	GL	AO	P	O	O	M-37	C-3	PI	Y2			VA-4
Valve Name CST MINFLOW RECIRCULATION FLOW VALVE															
1AF029A	3	C	6	CK	SA	A	SYS	O	M-37	C-5	CCA COA	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER PUMP 1A TO S/G CHECK VALVE															
1AF029B	3	C	6	CK	SA	A	SYS	O	M-37	B-5	CCA COA	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER PUMP 1B TO S/G CHECK VALVE															
2AF001A	3	C	6	CK	SA	A	SYS	C	M-122	E-7	CCA COA	CM CM			CW00-02 CW00-02
Valve Name CST TO AUX FEEDWATER PUMP 2A SUCTION CHECK VALVE															
2AF001B	3	C	6	CK	SA	A	SYS	C	M-122	B-7	CCA COA	CM CM			CW00-02 CW00-02
Valve Name CST TO AUX FEEDWATER PUMP 2B SUCTION CHECK VALVE															
2AF003A	3	C	6	CK	SA	A	SYS	O	M-122	E-7	CCA COA	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER PUMP 2A DISCHARGE CHECK VALVE															
2AF003B	3	C	6	CK	SA	A	SYS	O	M-122	B-7	CCA COA	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER PUMP 2B DISCHARGE CHECK VALVE															
2AF004A	3	B	6	GL	AO	P	O	O	M-122	E-5	PI	Y2			VA-4
Valve Name AUX FEEDWATER PUMP 2A DISCHARGE ISOLATION VALVE															
2AF004B	3	B	6	GL	AO	P	O	O	M-122	B-5	PI	Y2			VA-4
Valve Name AUX FEEDWATER PUMP 2B DISCHARGE ISOLATION VALVE															
2AF006A	3	B	6	GA	MO	A	C	O	M-122	E-6	PI SO	Y2 M3			VA-4 VA-1
Valve Name AUX FEEDWATER PUMP 2A SX SUCT DWST ISOL VLV															
2AF006B	3	B	6	GA	MO	A	C	O	M-122	C-6	PI SO	Y2 M3			VA-4 VA-1
Valve Name AUX FEEDWATER PUMP 2B SX SUCT DWST ISOL VLV															
2AF013A	2	B	4	GL	MO	A	O	O/C	M-122	D-2	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 2A ISOL VLV															
2AF013B	2	B	4	GL	MO	A	O	O/C	M-122	A-2	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 2B ISOL VLV															

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Aux Feed Water (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.
2AF013C	2	B	4	GL	MO	A	O	O/C	M-122	E-2	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 2C ISOL VLV															
2AF013D	2	B	4	GL	MO	A	O	O/C	M-122	C-2	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 2D ISOL VLV															
2AF013E	2	B	4	GL	MO	A	O	O/C	M-122	E-2	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 2A ISOL VLV															
2AF013F	2	B	4	GL	MO	A	O	O/C	M-122	B-2	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 2B ISOL VLV															
2AF013G	2	B	4	GL	MO	A	O	O/C	M-122	C-2	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 2C ISOL VLV															
2AF013H	2	B	4	GL	MO	A	O	O/C	M-122	F-2	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name AUX FEEDWATER PUMP DSCH HDR TO S/G 2D ISOL VLV															
2AF014A	2	C	4	CK	SA	A	C	O/C	M-122	D-2	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 2A CHECK VALVE															
2AF014B	2	C	4	CK	SA	A	C	O/C	M-122	A-2	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 2B CHECK VALVE															
2AF014C	2	C	4	CK	SA	A	C	O/C	M-122	E-2	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 2C CHECK VALVE															
2AF014D	2	C	4	CK	SA	A	C	O/C	M-122	C-2	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 2D CHECK VALVE															
2AF014E	2	C	4	CK	SA	A	C	O/C	M-122	E-2	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 2A CHECK VALVE															
2AF014F	2	C	4	CK	SA	A	C	O/C	M-122	B-2	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 2B CHECK VALVE															
2AF014G	2	C	4	CK	SA	A	C	O/C	M-122	C-2	CCD COD	CM CM			CW00-02 CW00-02
Valve Name AUX FEEDWATER TO S/G 2C CHECK VALVE															

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Aux Feed Water (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.
2AF014H	2	C	4	CK	SA	A	C	O/C	M-122	F-2	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name AUX FEEDWATER TO S/G 2D CHECK VALVE															
2AF017A	3	B	6	GA	MO	A	C	O	M-122	F-6	PI	Y2			VA-4
											SO	M3			VA-1
Valve Name AUX FEEDWATER PUMP 2A SX SUCT UPST ISOL VLV															
2AF017B	3	B	6	GA	MO	A	C	O	M-122	C-6	PI	Y2			VA-4
											SO	M3			VA-1
Valve Name AUX FEEDWATER PUMP 2B SX SUCT UPST ISOL VLV															
2AF022A	3	B	2	GL	AO	P	O	O	M-122	D-5	PI	Y2			VA-4
Valve Name CST MINFLOW RECIRCULATION FLOW VALVE															
2AF022B	3	B	2	GL	AO	P	O	O	M-122	C-5	PI	Y2			VA-4
Valve Name CST MINFLOW RECIRCULATION FLOW VALVE															
2AF029A	3	C	6	CK	SA	A	SYS	O	M-122	E-5	CCA	CM			CW00-02
											COA	CM			CW00-02
Valve Name AUX FEEDWATER PUMP 2A TO S/G CHECK VALVE															
2AF029B	3	C	6	CK	SA	A	SYS	O	M-122	B-4	CCA	CM			CW00-02
											COA	CM			CW00-02
Valve Name AUX FEEDWATER PUMP 2B TO S/G CHECK VALVE															

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Component 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.
0CC9464	3	C	12	CK	SA	A	SYS	O/C	M-66-3B	B-4	CC CO	M3 M3			
Valve Name CC PUMP DISCHARGE CHECK VALVE															
1CC070A	3	C	3	CK	SA	A	SYS	C	M-66-4A	B-7	CCD COD	CM CM			CW00-02 CW00-02
Valve Name CC SURGE TANK DEMIN MAKE UP CHECK VALVE															
1CC070B	3	C	3	CK	SA	A	SYS	C	M-66-4A	C-5	CCD COD	CM CM			CW00-02 CW00-02
Valve Name CC SURGE TANK PW MAKE UP CHECK VALVE															
1CC685	2	A	3	GA	MO	A	O	C	M-66-1A	B-4	LT PI SC	AJ Y2 CS		CS-19	VA-4 VA-1
Valve Name RC PUMPS THERMAL BARRIER CC RETURN ISOLATION VALVE															
1CC9412A	3	B	12	GA	MO	A	C	O	M-66-2	D-2	PI SO	Y2 M3			VA-4 VA-1
Valve Name RH HEAT EXCHANGER CC OUTLET ISOLATION VALVE															
1CC9412B	3	B	12	GA	MO	A	C	O	M-66-2	F-3	PI SO	Y2 M3			VA-4 VA-1
Valve Name RH HEAT EXCHANGER CC OUTLET ISOLATION VALVE															
1CC9413A	2	A	6	GA	MO	A	O	C	M-66-1A	E-3	LT PI SC	AJ Y2 CS		CS-19	VA-4 VA-1
Valve Name CC SUPPLY TO RC PUMPS ISOLATION VALVE															
1CC9414	2	A	6	GA	MO	A	O	C	M-66-1A	A-4	LT PI SC	AJ Y2 CS		CS-19	VA-4 VA-1
Valve Name CC RETURN FROM RC PUMPS ISOLATION VALVE															
1CC9415	3	B	16	GA	MO	A	O	C	M-66-4D	C-6	PI SC	Y2 CS		CS-19	VA-4 VA-1
Valve Name NON-ESSENTIAL CC LOAD ISOLATION VALVE															
1CC9416	2	A	6	GA	MO	A	O	C	M-66-1A	A-6	LT PI SC	AJ Y2 CS		CS-19	VA-4 VA-1
Valve Name CC RETURN FROM RC PUMPS ISOLATION VALVE															
1CC9437A	2	B	3	GL	AO	A	SYS	C	M-66-1A	E-2	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name EXCESS LETDOWN HEAT EXCHANGER CC SUPPLY ISOL VALVE															

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Component 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.
1CC9437B	2	B	3	GL	AO	A	SYS	C	M-66-1A	C-4	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name EXCESS LETDOWN HEAT EXCHANGER CC RETURN ISOL VALVE															
1CC9438	2	A	4	GA	MO	A	O	C	M-66-1A	B-6	LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-19	VA-1
Valve Name RC PUMPS THERMAL BARRIER CC RETURN ISOLATION VALVE															
1CC9458	3	B	16	GA	M	A	O	O/C	M-66-3B	C-6	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
1CC9459A	3	B	16	GA	M	A	O	O/C	M-66-3A	D-6	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
1CC9459B	3	B	16	GA	M	A	O	O/C	M-66-3A	D-5	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
1CC9463A	3	C	12	CK	SA	A	SYS	O/C	M-66-3B	B-5	CC	M3			
											CO	M3			
Valve Name CC PUMP DISCHARGE CHECK VALVE															
1CC9463B	3	C	12	CK	SA	A	SYS	O/C	M-66-3B	B-6	CC	M3			
											CO	M3			
Valve Name CC PUMP DISCHARGE CHECK VALVE															
1CC9467A	3	B	16	GA	M	A	O	O/C	M-66-4D	C-6	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
1CC9467B	3	B	16	GA	M	A	O	O/C	M-66-4D	C-5	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
1CC9467C	3	B	16	GA	M	A	O	O/C	M-66-3B	D-6	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
1CC9473A	3	B	16	GA	MO	A	O	O/C	M-66-3B	D-4	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CC PUMP DISCHARGE CROSSTIE ISOL VLV															

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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.
1CC9473B	3	B	16	GA	MO	A	O	O/C	M-66-3B	C-5	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CC PUMP DISCHARGE CROSSTIE ISOL VLV															
1CC9486	2	AC	6	CK	SA	A	SYS	C	M-66-1A	E-6	CC	CM			CW00-02
											CO	M3			CW00-02
											LT	AJ			
Valve Name CC SUPPLY TO RC PUMPS INLET CHECK VALVE															
1CC9495A	3	C	2	CK	SA	A	SYS	C	M-66-1B	E-2	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name A RCP COOLING WATER SUPPLY INLET CK VLV															
1CC9495B	3	C	2	CK	SA	A	SYS	C	M-66-1B	D-2	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name B RCP COOLING WATER SUPPLY INLET CK VLV															
1CC9495C	3	C	2	CK	SA	A	SYS	C	M-66-1B	C-2	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name C RCP COOLING WATER SUPPLY INLET CK VLV															
1CC9495D	3	C	2	CK	SA	A	SYS	C	M-66-1B	B-2	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name D RCP COOLING WATER SUPPLY INLET CK VLV															
1CC9518	2	AC	0.75	CK	SA	A	SYS	O/C	M-66-1A	B-6	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name CC RETURN FROM RC PUMPS ISOLATION VALVE CHK VLV															
1CC9534	2	AC	0.75	CK	SA	A	SYS	O/C	M-66-1A	B-6	CC	AJ			CW00-02
											CO	AJ			CW00-02
											LT	AJ			
Valve Name CC RETURN FROM RC PUMPS ISOLATION VALVE CHK VLV															
2CC070A	3	C	3	CK	SA	A	SYS	C	M-66-4B	B-6	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CC SURGE TANK DEMIN MAKE UP CHECK VALVE															
2CC070B	3	C	3	CK	SA	A	SYS	C	M-66-4B	C-4	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CC SURGE TANK PW MAKE UP CHECK VALVE															
2CC685	2	A	3	GA	MO	A	O	C	M-139-1	B-6	LT	AJ			VA-4
											PI	Y2			VA-1
											SC	CS		CS-19	VA-1
Valve Name RC PUMPS THERMAL BARRIER CC RETURN ISOLATION 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.
2CC9412A	3	B	12	GA	MO	A	C	O	M-139-2	D-6	PI SO	Y2 M3			VA-4 VA-1
Valve Name RH HEAT EXCHANGER CC OUTLET ISOLATION VALVE															
2CC9412B	3	B	12	GA	MO	A	C	O	M-139-2	F-6	PI SO	Y2 M3			VA-4 VA-1
Valve Name RH HEAT EXCHANGER CC OUTLET ISOLATION VALVE															
2CC9413A	2	A	6	GA	MO	A	O	C	M-139-1	E-7	LT PI SC	AJ Y2 CS		CS-19	VA-4 VA-1
Valve Name CC SUPPLY TO RC PUMPS ISOLATION VALVE															
2CC9414	2	A	6	GA	MO	A	O	C	M-139-1	B-6	LT PI SC	AJ Y2 CS		CS-19	VA-4 VA-1
Valve Name CC RETURN FROM RC PUMPS ISOLATION VALVE															
2CC9415	3	B	16	GA	MO	A	O	C	M-66-4D	C-3	PI SC	Y2 CS		CS-19	VA-4 VA-1
Valve Name NON-ESSENTIAL CC LOAD ISOLATION VALVE															
2CC9416	2	A	6	GA	MO	A	O	C	M-139-1	B-6	LT PI SC	AJ Y2 CS		CS-19	VA-4 VA-1
Valve Name CC RETURN FROM RC PUMPS ISOLATION VALVE															
2CC9437A	2	B	3	GL	AO	A	SYS	C	M-139-1	E-8	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name EXCESS LETDOWN HEAT EXCHANGER CC SUPPLY ISOL VALVE															
2CC9437B	2	B	3	GL	AO	A	SYS	C	M-139-1	C-6	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name EXCESS LETDOWN HEAT EXCHANGER CC RETURN ISOL VALVE															
2CC9438	2	A	4	GA	MO	A	O	C	M-139-1	B-6	LT PI SC	AJ Y2 CS		CS-19	VA-4 VA-1
Valve Name RC PUMPS THERMAL BARRIER CC RETURN ISOLATION VALVE															
2CC9458	3	B	16	GA	M	A	O	O/C	M-66-3B	C-3	SC SO	RR RR		RJ-3 RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
2CC9459A	3	B	16	GA	M	A	O	O/C	M-66-3A	D-3	SC SO	RR RR		RJ-3 RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															

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Component Cooling Water (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.
2CC9459B	3	B	16	GA	M	A	C	O/C	M-66-3A	D-4	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
2CC9463A	3	C	12	CK	SA	A	SYS	O/C	M-66-3B	B-3	CC	M3			
											CO	M3			
Valve Name CC PUMP DISCHARGE CHECK VALVE															
2CC9463B	3	C	12	CK	SA	A	SYS	O/C	M-66-3B	B-2	CC	M3			
											CO	M3			
Valve Name CC PUMP DISCHARGE CHECK VALVE															
2CC9467A	3	B	16	GA	M	A	O	O/C	M-66-4D	C-3	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
2CC9467B	3	B	16	GA	M	A	C	O/C	M-66-4D	C-3	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
2CC9467C	3	B	16	GA	M	A	O	O/C	M-66-3B	D-2	SC	RR		RJ-3	
											SO	RR		RJ-3	
Valve Name CC TRAIN MANUAL CROSS CONNECT VALVE															
2CC9473A	3	B	16	GA	MO	A	C	O/C	M-66-3B	D-4	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CC PUMP DISCHARGE CROSSTIE ISOL VLV															
2CC9473B	3	B	16	GA	MO	A	C	O/C	M-66-3B	C-3	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CC PUMP DISCHARGE CROSSTIE ISOL VLV															
2CC9486	2	AC	6	CK	SA	A	SYS	C	M-139-1	E-6	CC	CM			CW00-02
											CO	M3			CW00-02
											LT	AJ			
Valve Name CC SUPPLY TO RC PUMPS INLET CHECK VALVE															
2CC9495A	3	C	2	CK	SA	A	SYS	C	M-139-1	E-5	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name A RCP COOLING WATER SUPPLY INLET CK VLV															
2CC9495B	3	C	2	CK	SA	A	SYS	C	M-139-1	D-5	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name B RCP COOLING WATER SUPPLY INLET CK VLV															
2CC9495C	3	C	2	CK	SA	A	SYS	C	M-139-1	D-5	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name C RCP COOLING WATER SUPPLY INLET CK VLV															

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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.
2CC9495D	3	C	2	CK	SA	A	SYS	C	M-139-1	C-5	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name D RCP COOLING WATER SUPPLY INLET CK VLV															
2CC9518	2	AC	0.75	CK	SA	A	SYS	O/C	M-139-1	B-6	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name CC RETURN FROM RC PUMPS ISOLATION VALVE CHK VLV															
2CC9534	2	AC	0.75	CK	SA	A	SYS	O/C	M-139-1	A-6	CC	AJ			CW00-02
											CO	AJ			CW00-02
											LT	AJ			
Valve Name CC RETURN FROM RC PUMPS ISOLATION VALVE CHK VLV															

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Containment 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.
1CS001A	2	B	14	GA	MO	A	O	O/C	M-61-4	C-3	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name CS PUMP 1A RWST SUCTION VALVE															
1CS001B	2	B	14	GA	MO	A	O	O/C	M-61-4	A-3	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name CS PUMP 1B RWST SUCTION VALVE															
1CS003A	2	C	10	CK	SA	A	SYS	O	M-46-1A	E-6	CCD COD	CM CM			CW00-02 CW00-02
Valve Name CONTAINMENT SPRAY PUMP 1A DISCHARGE CHECK VALVE															
1CS003B	2	C	10	CK	SA	A	SYS	O	M-46-1A	C-6	CCD COD	CM CM			CW00-02 CW00-02
Valve Name CONTAINMENT SPRAY PUMP 1B DISCHARGE CHECK VALVE															
1CS007A	2	A	10	GA	MO	A	C	O/C	M-46-1C	D-4	LT PI SC SO	AJ Y2 M3 M3			VA-4 VA-1 VA-1 VA-1
Valve Name CS PUMP 1A DISCHARGE HEADER ISOLATION VALVE															
1CS007B	2	A	10	GA	MO	A	C	O/C	M-46-1C	B-4	LT PI SC SO	AJ Y2 M3 M3			VA-4 VA-1 VA-1 VA-1
Valve Name CS PUMP 1B DISCHARGE HEADER ISOLATION VALVE															
1CS008A	2	AC	10	CK	SA	A	SYS	O/C	M-46-1C	D-6	CCD COD LT	CM CM AJ			CW00-02 CW00-02
Valve Name CS PUMP 1A DISCHARGE NOZZLE HEADER CHECK VALVE															
1CS008B	2	AC	10	CK	SA	A	SYS	O/C	M-46-1C	B-6	CCD COD LT	CM CM AJ			CW00-02 CW00-02
Valve Name CS PUMP 1B DISCHARGE NOZZLE HEADER CHECK VALVE															
1CS009A	2	B	16	GA	MO	A	C	O/C	M-61-4	C-4	PI SO	Y2 M3			VA-4, 6 VA-1
Valve Name CS PUMP 1A CONTAINMENT RECIRC SUMP SUCTION VALVE															
1CS009B	2	B	16	GA	MO	A	C	O/C	M-61-4	A-4	PI SO	Y2 M3			VA-4, 6 VA-1
Valve Name CS PUMP 1B CONTAINMENT RECIRC SUMP SUCTION VALVE															
1CS010A	2	B	3	GL	AO	P	O	O	M-46-1A	D-7	PI	Y2			VA-4
Valve Name CS EDUCTOR 1A INLET ISOLATION VALVE															

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Containment 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.
1CS010B	2	B	3	GL	AO	P	O	O	M-46-1A	A-7	PI	Y2			VA-4
Valve Name CS EDUCTOR 1B INLET ISOLATION VALVE															
1CS011A	2	C	6	CK	SA	A	SYS	O	M-46-1A	D-2	CCD	CM			CW00-02
Valve Name CS EDUCTOR 1A OUTLET CHECK VALVE															
1CS011B	2	C	6	CK	SA	A	SYS	O	M-46-1A	B-2	CCD	CM			CW00-02
Valve Name CS EDUCTOR 1B OUTLET CHECK VALVE															
1CS019A	2	B	3	GA	MO	A	C	O/C	M-46-1B	B-2	PI	Y2			VA-4
Valve Name CS EDUCTOR 1A SPRAY ADDITIVE TANK ISOLATION VALVE															
1CS019B	2	B	3	GA	MO	A	C	O/C	M-46-1B	B-5	PI	Y2			VA-4
Valve Name CS EDUCTOR 1B SPRAY ADDITIVE TANK ISOLATION VALVE															
1CS020A	2	C	3	CK	SA	A	C	O/C	M-46-1B	B-2	CCD	CM			CW00-02
Valve Name CS EDUCTOR 1A INLET CHECK VALVE															
1CS020B	2	C	3	CK	SA	A	C	O/C	M-46-1B	B-4	CCD	CM			CW00-02
Valve Name CS EDUCTOR 1B INLET CHECK VALVE															
1CS08MA	2	C	1	RV	SA	A	C	O	M-46-1B	F-4	RT	Y10			
Valve Name SPRAY ADDITIVE TANK VACUUM RELIEF VALVE															
1CS08MB	2	C	1	RV	SA	A	C	O	M-46-1B	F-4	RT	Y10			
Valve Name SPRAY ADDITIVE TANK VACUUM RELIEF VALVE															
2CS001A	2	B	14	GA	MO	A	O	O/C	M-136-4	B-7	PI	Y2			VA-4, 6
Valve Name CS PUMP 2A RWST SUCTION VALVE															
2CS001B	2	B	14	GA	MO	A	O	O/C	M-136-4	A-7	PI	Y2			VA-4, 6
Valve Name CS PUMP 2B RWST SUCTION VALVE															
2CS003A	2	C	10	CK	SA	A	SYS	O	M-129-1A	E-3	CCD	CM			CW00-02
Valve Name CONTAINMENT SPRAY PUMP 2A DISCHARGE CHECK VALVE															
2CS003B	2	C	10	CK	SA	A	SYS	O	M-129-1A	C-3	CCD	CM			CW00-02
Valve Name CONTAINMENT SPRAY PUMP 2B DISCHARGE CHECK VALVE															

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Containment 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.
2CS007A	2	A	10	GA	MO	A	C	O/C	M-129-1C	D-5	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CS PUMP 2A DISCHARGE HEADER ISOLATION VALVE															
2CS007B	2	A	10	GA	MO	A	C	O/C	M-129-1C	B-5	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CS PUMP 2B DISCHARGE HEADER ISOLATION VALVE															
2CS008A	2	AC	10	CK	SA	A	SYS	O/C	M-129-1C	D-3	CCD	CM			CW00-02
											COD	CM			CW00-02
											LT	AJ			
Valve Name CS PUMP 2A DISCHARGE NOZZLE HEADER CHECK VALVE															
2CS008B	2	AC	10	CK	SA	A	SYS	O/C	M-129-1C	B-3	CCD	CM			CW00-02
											COD	CM			CW00-02
											LT	AJ			
Valve Name CS PUMP 2B DISCHARGE NOZZLE HEADER CHECK VALVE															
2CS009A	2	B	16	GA	MO	A	C	O/C	M-136-4	C-7	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name CS PUMP 2A CONTAINMENT RECIRC SUMP SUCTION VALVE															
2CS009B	2	B	16	GA	MO	A	C	O/C	M-136-4	A-7	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name CS PUMP 2B CONTAINMENT RECIRC SUMP SUCTION VALVE															
2CS010A	2	B	3	GL	AO	P	O	O	M-129-1A	D-3	PI	Y2			VA-4
Valve Name CS EDUCTOR 2A INLET ISOLATION VALVE															
2CS010B	2	B	3	GL	AO	P	O	O	M-129-1A	A-3	PI	Y2			VA-4
Valve Name CS EDUCTOR 2B INLET ISOLATION VALVE															
2CS011A	2	C	6	CK	SA	A	SYS	O	M-129-1A	D-8	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CS EDUCTOR 2A OUTLET CHECK VALVE															
2CS011B	2	C	6	CK	SA	A	SYS	O	M-129-1A	B-8	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CS EDUCTOR 2B OUTLET CHECK VALVE															
2CS019A	2	B	3	GA	MO	A	C	O/C	M-129-1B	B-6	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CS EDUCTOR 2A SPRAY ADDITIVE TANK ISOLATION 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.
2CS019B	2	B	3	GA	MO	A	C	O/C	M-129-1B	B-3	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CS EDUCUTOR 2B SPRAY ADDITIVE TANK ISOLATION VALVE															
2CS020A	2	C	3	CK	SA	A	C	O/C	M-129-1A	D-5	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CS EDUCUCTOR 2A INLET CHECK VALVE															
2CS020B	2	C	3	CK	SA	A	C	O/C	M-129-1A	A-5	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CS EDUCUCTOR 2B INLET CHECK VALVE															
2CS08MA	2	C	1	RV	SA	A	C	O	M-129-1B	F-6	RT	Y10			
Valve Name SPRAY ADDITIVE TANK VACUUM RELIEF VALVE															
2CS08MB	2	C	1	RV	SA	A	C	O	M-129-1B	F-5	RT	Y10			
Valve Name SPRAY ADDITIVE TANK VACUUM RELIEF VALVE															

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Charging (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.
1CV112B	2	B	4.000	GA	MO	A	O	C	M-64-4A	B-4	PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name MOV VCT OUTLET UPST ISOL VLV															
1CV112C	2	B	4.000	GA	MO	A	O	C	M-64-4A	B-3	PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name MOV VCT OUTLET DWST ISOL VLV															
1CV112D	2	B	8.000	GA	MO	A	C	O/C	M-64-4B	B-5	PI	Y2			VA-4
											SC	CS		CS-2	VA-1
											SO	CS		CS-2	VA-1
Valve Name MOV RWST TO CHG PPS SUCT ISOL VLV															
1CV112E	2	B	8.000	GA	MO	A	C	O/C	M-64-4B	A-5	PI	Y2			VA-4
											SC	CS		CS-2	VA-1
											SO	CS		CS-2	VA-1
Valve Name MOV RWST TO CHG PPS SUCT ISOL VLV															
1CV459	1	B	3.000	GL	AO	A	O	C	M-64-5	E-7	FC	CS		CS-10	
											PI	Y2			VA-4
											SC	CS		CS-10	VA-1
Valve Name LETDOWN LINE ISOLATION VALVE - AOV															
1CV460	1	B	3.000	GL	AO	A	O	C	M-64-5	F-7	FC	CS		CS-10	
											PI	Y2			VA-4
											SC	CS		CS-10	VA-1
Valve Name LETDOWN LINE ISOLATION VALVE - AOV															
1CV8100	2	A	2.000	GL	MO	A	O	C	M-64-2	F-1	LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-19	VA-1
Valve Name MOV RC PPS SEAL L/O HDR OUTSIDE CNMT ISOL															
1CV8104	2	B	2.000	GL	MO	P	C	C	M-64-4B	C-2	PI	Y2			VA-4,6
											SO	CS		CS-2	VA-1
Valve Name EMERGENCY BORATION ISOLATION VALVE															
1CV8105	2	B	3.000	GA	MO	A	O	C	M-64-3B	E-6	PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name MOV CV CHG PPS DSCH HDR DWST ISOL VLV															
1CV8106	2	B	3.000	GA	MO	A	O	C	M-64-3B	E-5	PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name MOV CV CHG PPS DSCH HDR UPST ISOL VLV															
1CV8110	2	B	2.000	GL	MO	A	O	O/C	M-64-3A	B-5	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CHARGING PUMP MIN FLOW RECIRCULATION MOV															

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Charging (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.
1CV8111	2	B	2.000	GL	MO	A	O	O/C	M-64-3A	A-3	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CHARGING PUMP MIN FLOW RECIRCULATION MOV															
1CV8112	2	A	2.000	GL	MO	A	O	C	M-64-2	F-2	LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-19	VA-1
Valve Name MOV RC PPS SEAL L/O HDR INSIDE CNMT ISOL															
1CV8113	2	AC	0.75	CK	SA	A	SYS	O/C	M-64-2	F-2	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name RCP SEAL RETURN HEADER CHECK VALVE															
1CV8114	2	B	2	GL	SO	A	O	O/C	M-64-3A	A-3	FO	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CHARGING PUMP MIN FLOW RECIRCULATION SOV															
1CV8116	2	B	2	GL	SO	A	O	O/C	M-64-3A	B-5	FO	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CHARGING PUMP MIN FLOW RECIRCULATION SOV															
1CV8117	2	C	2.0x3.0	RV	SA	A	C	O	M-64-5	F-6	RT	Y10			
Valve Name LETDOWN RELIEF VALVE															
1CV8121	2	C	2.0x3.0	RV	SA	N/A	C	O	M-64-2	E-3	RT	Y10			
Valve Name SEAL WATER RETURN RELIEF VALVE															
1CV8124	2	C	0.75x1.0	RV	SA	A	C	O	M-64-4B	C-5	RT	Y10			
Valve Name CHARGING PUMP SUCTION HEADER RELIEF VALVE															
1CV8152	2	A	3.000	GL	AO	A	O	C	M-64-5	E-4	FC	CS		CS-4	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name LETDOWN HEADER CONTAINMENT ISOLATION VALVE															
1CV8153A	1	B	1.000	GL	AO	A	C	C	M-64-2	D-2	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name AOV - EXCESS LETDOWN HEAT EXCHANGER INLET															

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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.
1CV8153B	1	B	1.000	GL	AO	A	C	C	M-64-2	C-2	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name AOV - EXCESS LETDOWN HEAT EXCHANGER INLET															
1CV8160	2	A	3.000	GL	AO	A	O	C	M-64-5	F-5	FC	CS		CS-4	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name LETDOWN HEADER CONTAINMENT ISOLATION VALVE															
1CV8348	2	C	2.000	CK	SA	A	SYS	C	M-64-3B	E-2	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK - RCS LOOP FILL															
1CV8355A	2	B	2.000	GL	MO	A	O	O/C	M-64-1	B-8	PI	Y2			VA-4, 6
											SC	CS		CS-22	VA-1
Valve Name RCP SEAL INJECTION ISOLATION VALVE															
1CV8355B	2	B	2.000	GL	MO	A	O	O/C	M-64-1	C-4	PI	Y2			VA-4, 6
											SC	CS		CS-22	VA-1
Valve Name RCP SEAL INJECTION ISOLATION VALVE															
1CV8355C	2	B	2.000	GL	MO	A	O	O/C	M-64-2	B-8	PI	Y2			VA-4, 6
											SC	CS		CS-22	VA-1
Valve Name RCP SEAL INJECTION ISOLATION VALVE															
1CV8355D	2	B	2.000	GL	MO	A	O	O/C	M-64-2	B-5	PI	Y2			VA-4, 6
											SC	CS		CS-22	VA-1
Valve Name RCP SEAL INJECTION ISOLATION VALVE															
1CV8368A	2	C	2.000	CK	SA	A	SYS	C	M-64-1	C-5	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK VALVE - SEAL INJECTION INLET															
1CV8368B	2	C	2.000	CK	SA	A	SYS	C	M-64-1	B-8	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK VALVE - SEAL INJECTION INLET															
1CV8368C	2	C	2.000	CK	SA	A	SYS	C	M-64-2	C-4	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK VALVE - SEAL INJECTION INLET															
1CV8368D	2	C	2.000	CK	SA	A	SYS	C	M-64-2	B-8	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK VALVE - SEAL INJECTION INLET															
1CV8440	2	C	4.000	CK	SA	A	SYS	O/C	M-64-4B	F-6	CCU	CM			CW00-02
											CO	M3			CW00-02
Valve Name VOLUME CONTROL TANK OUTLET CHECK 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.
1CV8442	2	N/A	2.00	CK	SA	N/A	SYS	N/A	M-64-4B	B-3	CCD	CM			CW00-02
											COD	CM			CW00-02
											COF	CS			CW00-02
Valve Name CV EMER BORATION INLET CHK VLV															
1CV8480A	2	C	2.000	CK	SA	A	SYS	O/C	M-64-3A	D-6	CC	M3			
											CO	M3			
Valve Name CV PP MINIFLOW CHK VLV															
1CV8480B	2	C	2.000	CK	SA	A	SYS	O/C	M-64-3A	B-6	CC	M3			
											CO	M3			
Valve Name CV PP MINIFLOW CHK VLV															
1CV8481A	2	C	4.000	CK	SA	A	SYS	O/C	M-64-3A	D-6	CC	M3			
											CO	RR		RJ-7	
Valve Name CV PP DSCH CHK VLV															
1CV8481B	2	C	4.000	CK	SA	A	SYS	O/C	M-64-3A	C-7	CC	M3			
											CO	RR		RJ-7	
Valve Name CV PP DSCH CHK VLV															
1CV8546	2	C	8.000	CK	SA	A	SYS	O/C	M-64-4B	B-5	CCA	CM			CW00-02
											COF	CM			CW00-02
Valve Name RWST TO CHARGING PUMP SUCTION CHECK VALVE															
1CV8804A	2	B	8.000	GA	MO	A	C	O/C	M-64-4B	C-7	PI	Y2			VA-4
											SO	CS		CS-2	VA-1
Valve Name RHR TO CHARGING PUMP SUCTION ISOLATION VALVE															
2CV112B	2	B	4.000	GA	MO	A	O	C	M-138-4	D-5	PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name MOV VCT OUTLET UPST ISOL VLV															
2CV112C	2	B	4.000	GA	MO	A	O	C	M-138-4	D-5	PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name MOV VCT OUTLET DWST ISOL VLV															
2CV112D	2	B	8.000	GA	MO	A	C	O/C	M-138-4	B-4	PI	Y2			VA-4
											SC	CS		CS-2	VA-1
											SO	CS		CS-2	VA-1
Valve Name MOV RWST TO CHG PPS SUCT ISOL VLV															
2CV112E	2	B	8.000	GA	MO	A	C	O/C	M-138-4	A-4	PI	Y2			VA-4
											SC	CS		CS-2	VA-1
											SO	CS		CS-2	VA-1
Valve Name MOV RWST TO CHG PPS SUCT ISOL VLV															

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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.
2CV459	1	B	3.000	GL	AO	A	O	C	M-138-5B	F-5	FC	CS		CS-10	
											PI	Y2			VA-4
											SC	CS		CS-10	VA-1
Valve Name LETDOWN LINE ISOLATION VALVE - AOV															
2CV460	1	B	3.000	GL	AO	A	O	C	M-138-5B	F-7	FC	CS		CS-10	
											PI	Y2			VA-4
											SC	CS		CS-10	VA-1
Valve Name LETDOWN LINE ISOLATION VALVE - AOV															
2CV8100	2	A	2.000	GL	MO	A	O	C	M-138-2	F-1	LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-19	VA-1
Valve Name MOV RC PPS SEAL L/O HDR OUTSIDE CNMT ISOL															
2CV8104	2	B	2.000	GL	MO	P	C	C	M-138-4	B-2	PI	Y2			VA-4,6
											SO	CS		CS-2	VA-1
Valve Name EMERGENCY BORATION ISOLATION VALVE															
2CV8105	2	B	3.000	GA	MO	A	O	C	M-138-3B	E-6	PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name MOV CV CHG PPS DSCH HDR DWST ISOL VLV															
2CV8106	2	B	3.000	GA	MO	A	O	C	M-138-3B	E-5	PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name MOV CV CHG PPS DSCH HDR UPST ISOL VLV															
2CV8110	2	B	2.000	GL	MO	A	O	O/C	M-138-3A	B-5	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CHARGING PUMP MIN FLOW RECIRCULATION MOV															
2CV8111	2	B	2.000	GL	MO	A	O	O/C	M-138-3A	B-3	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CHARGING PUMP MIN FLOW RECIRCULATION MOV															
2CV8112	2	A	2.000	GL	MO	A	O	C	M-138-2	F-2	LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-19	VA-1
Valve Name MOV RC PPS SEAL L/O HDR INSIDE CNMT ISOL															
2CV8113	2	AC	0.75	CK	SA	A	SYS	O/C	M-138-2	F-2	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name RCP SEAL WATER RETURN HEADER CHECK VALVE															

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Charging (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.
2CV8114	2	B	2	GL	SO	A	O	O/C	M-138-3A	A-3	FO	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name SOV A CV PP ESF MINIFLOW ISOL VLV															
2CV8116	2	B	2	GL	SO	A	O	O/C	M-138-3A	B-5	FO	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name CHARGING PUMP MIN FLOW RECIRCULATION SOV															
2CV8117	2	C	2.0x3.0	RV	SA	A	C	O	M-138-5B	D-1	RT	Y10			
Valve Name LETDOWN RELIEF VALVE															
2CV8121	2	C	2.0x3.0	RV	SA	N/A	C	O	M-138-2	E-3	RT	Y10			
Valve Name SEAL WATER RETURN RELIEF VALVE															
2CV8124	2	C	0.75x1.0	RV	SA	A	C	O	M-138-4	C-5	RT	Y10			
Valve Name CHARGING PUMP SUCTION HEADER RELIEF VALVE															
2CV8152	2	A	3.000	GL	AO	A	O	C	M-138-5A	C-7	FC	CS		CS-4	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name LETDOWN HEADER CONTAINMENT ISOLATION VALVE															
2CV8153A	1	B	1.000	GL	AO	A	C	C	M-138-2	D-2	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name AOV - EXCESS LETDOWN HEAT EXCHANGER INLET															
2CV8153B	1	B	1.000	GL	AO	A	C	C	M-138-2	C-2	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name AOV - EXCESS LETDOWN HEAT EXCHANGER INLET															
2CV8160	2	A	3.000	GL	AO	A	O	C	M-138-5A	B-8	FC	CS		CS-4	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-4	VA-1
Valve Name LETDOWN HEADER CONTAINMENT ISOLATION VALVE															
2CV8348	2	C	2.000	CK	SA	A	SYS	C	M-138-3B	E-2	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK - RCS LOOP FILL															

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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.
2CV8355A	2	B	2.000	GL	MO	A	O	O/C	M-138-1	B-8	PI	Y2			VA-4, 6
											SC	CS		CS-22	VA-1
Valve Name RCP SEAL INJECTION ISOLATION VALVE															
2CV8355B	2	B	2.000	GL	MO	A	O	O/C	M-138-1	C-4	PI	Y2			VA-4, 6
											SC	CS		CS-22	VA-1
Valve Name RCP SEAL INJECTION ISOLATION VALVE															
2CV8355C	2	B	2.000	GL	MO	A	O	O/C	M-138-2	B-8	PI	Y2			VA-4, 6
											SC	CS		CS-22	VA-1
Valve Name RCP SEAL INJECTION ISOLATION VALVE															
2CV8355D	2	B	2.000	GL	MO	A	O	O/C	M-138-2	B-5	PI	Y2			VA-4, 6
											SC	CS		CS-22	VA-1
Valve Name RCP SEAL INJECTION ISOLATION VALVE															
2CV8368A	2	C	2.000	CK	SA	A	SYS	C	M-138-1	C-7	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK VALVE - SEAL INJECTION INLET															
2CV8368B	2	C	2.000	CK	SA	A	SYS	C	M-138-1	C-4	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK VALVE - SEAL INJECTION INLET															
2CV8368C	2	C	2.000	CK	SA	A	SYS	C	M-138-2	C-8	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK VALVE - SEAL INJECTION INLET															
2CV8368D	2	C	2.000	CK	SA	A	SYS	C	M-138-2	C-5	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name CHECK VALVE - SEAL INJECTION INLET															
2CV8440	2	C	4.000	CK	SA	A	SYS	O/C	M-138-4	D-5	CCU	CM			CW00-02
											CO	M3			CW00-02
Valve Name CV VCT CV01T OUTLET CHK VLV															
2CV8442	2	N/A	2.00	CK	SA	N/A	SYS	N/A	M-138-4	B-1	CCD	CM			CW00-02
											COD	CM			CW00-02
											COF	CS			CW00-02
Valve Name CV EMER BORATION INLET CHK VLV															
2CV8480A	2	C	2.000	CK	SA	A	SYS	O/C	M-138-3A	D-6	CC	M3			
											CO	M3			
Valve Name CV PP MINIFLOW CHK VLV															
2CV8480B	2	C	2.000	CK	SA	A	SYS	O/C	M-138-3A	B-6	CC	M3			
											CO	M3			
Valve Name CV PP MINIFLOW CHK VLV															

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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.
2CV8481A	2	C	4.000	CK	SA	A	SYS	O/C	M-138-3A	D-6	CC	M3			
											CO	RR		RJ-7	
Valve Name CV PP DSCH CHK VLV															
2CV8481B	2	C	4.000	CK	SA	A	SYS	O/C	M-138-3A	C-7	CC	M3			
											CO	RR		RJ-7	
Valve Name CV PP DSCH CHK VLV															
2CV8546	2	C	8.000	CK	SA	A	SYS	O/C	M-138-4	A-5	CCA	CM			CW00-02
											COF	CM			CW00-02
Valve Name RWST TO CHARGING PUMP SUCTION CHECK VALVE															
2CV8804A	2	B	8.000	GA	MO	A	C	O/C	M-138-4	B-6	PI	Y2			VA-4
											SO	CS		CS-2	VA-1
Valve Name RHR TO CHARGING PUMP SUCTION ISOLATION VALVE															

Diesel Generator (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.
1DG5182A	NC	B	3.00	GA	SO	A	C	O	M-152-20	B-5	SO	M3	RV-8		
Valve Name DIESEL GENERATOR STARTING AIR CONTROL VALVE															
1DG5182B	NC	B	3.00	GA	SO	A	C	O	M-152-20	B-5	SO	M3	RV-8		
Valve Name DIESEL GENERATOR STARTING AIR CONTROL VALVE															
1DG5183A	NC	B	3.00	GA	SO	A	C	O	M-152-20	E-5	SO	M3	RV-8		
Valve Name DIESEL GENERATOR STARTING AIR CONTROL VALVE															
1DG5183B	NC	B	3.00	GA	SO	A	C	O	M-152-20	E-5	SO	M3	RV-8		
Valve Name DIESEL GENERATOR STARTING AIR CONTROL VALVE															
1DG5184A	NC	C	3.00	CK	SA	A	C	O	M-152-20	B-6	CCD	CM			CW00-02
												CO	M3	RV-8	
												COD	CM		CW00-02
Valve Name DIESEL GENERATOR STARTING AIR CHECK VALVE															
1DG5184B	NC	C	3.00	CK	SA	A	C	O	M-152-20	B-6	CCD	CM			CW00-02
												CO	M3	RV-8	
												COD	CM		CW00-02
Valve Name DIESEL GENERATOR STARTING AIR CHECK VALVE															
1DG5185A	NC	C	3.00	CK	SA	A	C	O	M-152-20	E-6	CCD	CM			CW00-02
												CO	M3	RV-8	
												COD	CM		CW00-02
Valve Name DIESEL GENERATOR STARTING AIR CHECK VALVE															
1DG5185B	NC	C	3.00	CK	SA	A	C	O	M-152-20	E-6	CCD	CM			CW00-02
												CO	M3	RV-8	
												COD	CM		CW00-02
Valve Name DIESEL GENERATOR STARTING AIR CHECK VALVE															
1DG5205A	NC	C		CK	SA	A	C	O/C	M-152-20	C-5	CC	M3			VA-7
												CO	M3		VA-7
Valve Name DG AIR START CNTRL VLV SHUTTLE VALVE															
1DG5205B	NC	C		CK	SA	A	C	O/C	M-152-20	C-5	CC	M3			VA-7
												CO	M3		VA-7
Valve Name DG AIR START CNTRL VLV SHUTTLE VALVE															
1DG5206A	NC	C		CK	SA	A	C	O/C	M-152-20	D-6	CC	M3			VA-7
												CO	M3		VA-7
Valve Name DG AIR START CNTRL VLV SHUTTLE VALVE															
1DG5206B	NC	C		CK	SA	A	C	O/C	M-152-20	D-6	CC	M3			VA-7
												CO	M3		VA-7
Valve Name DG AIR START CNTRL VLV SHUTTLE VALVE															
1DG5207A	NC	B		GA	SO	A	C	O	M-152-20	C-6	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID 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.
1DG5207B	NC	B		GA	SO	A	C	O	M-152-20	C-6	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
1DG5208A	NC	B		GA	SO	A	C	O	M-152-20	D-6	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
1DG5208B	NC	B		GA	SO	A	C	O	M-152-20	D-6	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
1DG5209A	NC	B		GA	SO	A	C	O	M-152-20	C-5	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
1DG5209B	NC	B		GA	SO	A	C	O	M-152-20	C-5	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
1DG5210A	NC	B		GA	SO	A	C	O	M-152-20	D-5	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
1DG5210B	NC	B		GA	SO	A	C	O	M-152-20	D-5	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
1SA148A	NC	C	0.75	RV	SA	A	C	O/C	M-54-4A	F-6	RT	Y10			
Valve Name DG STARTING AIR RECEIVER RELIEF VALVE															
1SA148B	NC	C	0.75	RV	SA	A	C	O/C	M-54-4A	D-6	RT	Y10			
Valve Name DG STARTING AIR RECEIVER RELIEF VALVE															
1SA148C	NC	C	0.75	RV	SA	A	C	O/C	M-54-4A	F-3	RT	Y10			
Valve Name DG STARTING AIR RECEIVER RELIEF VALVE															
1SA148D	NC	C	0.75	RV	SA	A	C	O/C	M-54-4A	D-3	RT	Y10			
Valve Name DG STARTING AIR RECEIVER RELIEF VALVE															
1SA181A	NC	C	1.000	CK	SA	A	SYS	C	M-54-4A	E-7	CC	M3			VA-7
Valve Name DG AIR RECEIVER TANK INLET CHECK VALVE															
1SA181B	NC	C	1.000	CK	SA	A	SYS	C	M-54-4A	B-7	CC	M3			VA-7
Valve Name DG AIR RECEIVER TANK INLET CHECK VALVE															
1SA181C	NC	C	1.000	CK	SA	A	SYS	C	M-54-4A	E-2	CC	M3			VA-7
Valve Name DG AIR RECEIVER TANK INLET CHECK VALVE															
1SA181D	NC	C	1.000	CK	SA	A	SYS	C	M-54-4A	B-2	CC	M3			VA-7
Valve Name DG AIR RECEIVER TANK INLET CHECK VALVE															
2DG5182A	NC	B	3.00	GA	SO	A	C	O	M-152-20	B-5	SO	M3	RV-8		
Valve Name DIESEL GENERATOR STARTING AIR CONTROL VALVE															

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Diesel Generator (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.
2DG5182B	NC	B	3.00	GA	SO	A	C	O	M-152-20	B-5	SO	M3	RV-8		
Valve Name DIESEL GENERATOR STARTING AIR CONTROL VALVE															
2DG5183A	NC	B	3.00	GA	SO	A	C	O	M-152-20	E-5	SO	M3	RV-8		
Valve Name DIESEL GENERATOR STARTING AIR CONTROL VALVE															
2DG5183B	NC	B	3.00	GA	SO	A	C	O	M-152-20	E-5	SO	M3	RV-8		
Valve Name DIESEL GENERATOR STARTING AIR CONTROL VALVE															
2DG5184A	NC	C	3.00	CK	SA	A	C	O	M-152-20	B-6	CCD	CM			CW00-02
											CO	M3	RV-8		
											COD	CM			CW00-02
Valve Name DIESEL GENERATOR STARTING AIR CHECK VALVE															
2DG5184B	NC	C	3.00	CK	SA	A	C	O	M-152-20	B-6	CCD	CM			CW00-02
											CO	M3	RV-8		
											COD	CM			CW00-02
Valve Name DIESEL GENERATOR STARTING AIR CHECK VALVE															
2DG5185A	NC	C	3.00	CK	SA	A	C	O	M-152-20	E-6	CCD	CM			CW00-02
											CO	M3	RV-8		
											COD	CM			CW00-02
Valve Name DIESEL GENERATOR STARTING AIR CHECK VALVE															
DG5185B	NC	C	3.00	CK	SA	A	C	O	M-152-20	E-6	CCD	CM			CW00-02
											CO	M3	RV-8		
											COD	CM			CW00-02
Valve Name DIESEL GENERATOR STARTING AIR CHECK VALVE															
2DG5205A	NC	C		CK	SA	A	C	O/C	M-152-20	C-5	CC	M3			VA-7
											CO	M3			VA-7
Valve Name DG AIR START CNTRL VLV SHUTTLE VALVE															
2DG5205B	NC	C		CK	SA	A	C	O/C	M-152-20	C-5	CC	M3			VA-7
											CO	M3			VA-7
Valve Name DG AIR START CNTRL VLV SHUTTLE VALVE															
2DG5206A	NC	C		CK	SA	A	C	O/C	M-152-20	D-6	CC	M3			VA-7
											CO	M3			VA-7
Valve Name DG AIR START CNTRL VLV SHUTTLE VALVE															
2DG5206B	NC	C		CK	SA	A	C	O/C	M-152-20	D-6	CC	M3			VA-7
											CO	M3			VA-7
Valve Name DG AIR START CNTRL VLV SHUTTLE VALVE															
2DG5207A	NC	B		GA	SO	A	C	O	M-152-20	C-6	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
2DG5207B	NC	B		GA	SO	A	C	O	M-152-20	C-6	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															

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Diesel Generator (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.
2DG5208A	NC	B		GA	SO	A	C	O	M-152-20	D-6	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
2DG5208B	NC	B		GA	SO	A	C	O	M-152-20	D-6	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
2DG5209A	NC	B		GA	SO	A	C	O	M-152-20	C-5	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
2DG5209B	NC	B		GA	SO	A	C	O	M-152-20	C-5	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
2DG5210A	NC	B		GA	SO	A	C	O	M-152-20	D-5	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
2DG5210B	NC	B		GA	SO	A	C	O	M-152-20	D-5	SO	M3			VA-7
Valve Name DIESEL GENERATOR AIR START SOLENOID VALVE															
2SA148A	NC	C	0.75	RV	SA	A	C	O/C	M-54-4B	F-6	RT	Y10			
Valve Name DG STARTING AIR RECEIVER RELIEF VALVE															
2SA148B	NC	C	0.75	RV	SA	A	C	O/C	M-54-4B	D-6	RT	Y10			
Valve Name DG STARTING AIR RECEIVER RELIEF VALVE															
2SA148C	NC	C	0.75	RV	SA	A	C	O/C	M-54-4B	F-3	RT	Y10			
Valve Name DG STARTING AIR RECEIVER RELIEF VALVE															
2SA148D	NC	C	0.75	RV	SA	A	C	O/C	M-54-4B	D-3	RT	Y10			
Valve Name DG STARTING AIR RECEIVER RELIEF VALVE															
2SA181A	NC	C	1.000	CK	SA	A	SYS	C	M-54-4B	E-7	CC	M3			VA-7
Valve Name DG AIR RECEIVER TANK INLET CHECK VALVE															
2SA181B	NC	C	1.000	CK	SA	A	SYS	C	M-54-4B	B-7	CC	M3			VA-7
Valve Name DG AIR RECEIVER TANK INLET CHECK VALVE															
2SA181C	NC	C	1.000	CK	SA	A	SYS	C	M-54-4B	E-2	CC	M3			VA-7
Valve Name DG AIR RECEIVER TANK INLET CHECK VALVE															
2SA181D	NC	C	1.000	CK	SA	A	SYS	C	M-54-4B	B-2	CC	M3			VA-7
Valve Name DG AIR RECEIVER TANK INLET CHECK VALVE															

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Diesel 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.
1DO003A	3	C	1.5	CK	SA	A	SYS	O/C	M-50-1B	F-2	CC	M3			
											CO	M3			
Valve Name DO TRANSFER PUMP DISCHARGE CHECK VALVE															
1DO003B	3	C	1.5	CK	SA	A	SYS	O/C	M-50-1A	E-3	CC	M3			
											CO	M3			
Valve Name DO TRANSFER PUMP DISCHARGE CHECK VALVE															
1DO003C	3	C	1.5	CK	SA	A	SYS	O/C	M-50-1B	E-2	CC	M3			
											CO	M3			
Valve Name DO TRANSFER PUMP DISCHARGE CHECK VALVE															
1DO003D	3	C	1.5	CK	SA	A	SYS	O/C	M-50-1A	E-3	CC	M3			
											CO	M3			
Valve Name DO TRANSFER PUMP DISCHARGE CHECK VALVE															
1DO020A	3	C	1.5x2.5	RV	SA	A	C	O/C	M-50-1B	E-3	RT	Y10			
Valve Name DO TRANSFER PUMP DISCHARGE RELIEF VALVE															
1DO020B	3	C	1.5x2.5	RV	SA	A	C	O/C	M-50-1A	E-3	RT	Y10			
Valve Name DO TRANSFER PUMP DISCHARGE RELIEF VALVE															
1DO020C	3	C	1.5x2.5	RV	SA	A	C	O/C	M-50-1B	E-3	RT	Y10			
Valve Name DO TRANSFER PUMP DISCHARGE RELIEF VALVE															
1DO020D	3	C	1.5x2.5	RV	SA	A	C	O/C	M-50-1A	D-3	RT	Y10			
Valve Name DO TRANSFER PUMP DISCHARGE RELIEF VALVE															
2DO003A	3	C	1.5	CK	SA	A	SYS	O/C	M-130-1A	C-3	CC	M3			
											CO	M3			
Valve Name DO TRANSFER PUMP DISCHARGE CHECK VALVE															
2DO003B	3	C	1.5	CK	SA	A	SYS	O/C	M-130-1B	C-3	CC	M3			
											CO	M3			
Valve Name DO TRANSFER PUMP DISCHARGE CHECK VALVE															
2DO003C	3	C	1.5	CK	SA	A	SYS	O/C	M-130-1A	C-3	CC	M3			
											CO	M3			
Valve Name DO TRANSFER PUMP DISCHARGE CHECK VALVE															
2DO003D	3	C	1.5	CK	SA	A	SYS	O/C	M-130-1B	C-3	CC	M3			
											CO	M3			
Valve Name DO TRANSFER PUMP DISCHARGE CHECK VALVE															
2DO020A	3	C	1.5x2.5	RV	SA	A	C	O/C	M-130-1A	C-3	RT	Y10			
Valve Name DO TRANSFER PUMP DISCHARGE RELIEF VALVE															
2DO020B	3	C	1.5x2.5	RV	SA	A	C	O/C	M-130-1B	C-3	RT	Y10			
Valve Name DO TRANSFER PUMP DISCHARGE RELIEF VALVE															
2DO020C	3	C	1.5x2.5	RV	SA	A	C	O/C	M-130-1A	C-3	RT	Y10			
Valve Name DO TRANSFER PUMP DISCHARGE RELIEF VALVE															

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Diesel 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.
2DO020D	3	C	1.5x2.5	RV	SA	A	C	O/C	M-130-1B	C-3	RT	Y10			
Valve Name DO TRANSFER PUMP DISCHARGE RELIEF VALVE															

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Fuel Pool 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.
1FC009	2	A	4	PLG	M	P	LC	C	M-63-1A	C-7	LT	AJ			
Valve Name REFUELING CAVITY TO PURIFIC PUMPS SUCTION ISOL VLV															
1FC010	2	A	4	PLG	M	P	LC	C	M-63-1A	C-6	LT	AJ			
Valve Name REFUELING CAVITY TO PURIFIC PUMPS SUCTION ISOL VLV															
1FC011	2	A	3	PLG	M	P	LC	C	M-63-1C	B-6	LT	AJ			
Valve Name SPENT FUEL PIT DEMIN TO REFUEL CAVITY MAN ISOL VLV															
1FC012	2	A	3	PLG	M	P	LC	C	M-63-1C	B-8	LT	AJ			
Valve Name SPENT FUEL PIT DEMIN TO REFUEL CAVITY MAN ISOL VLV															
2FC009	2	A	4	PLG	M	P	LC	C	M-63-1A	B-7	LT	AJ			
Valve Name REFUELING CAVITY TO PURIFIC PUMPS SUCTION ISOL VLV															
2FC010	2	A	4	PLG	M	P	LC	C	M-63-1A	B-6	LT	AJ			
Valve Name REFUELING CAVITY TO PURIFIC PUMPS SUCTION ISOL VLV															
2FC011	2	A	3	PLG	M	P	LC	C	M-63-1B	B-2	LT	AJ			
Valve Name SPENT FUEL PIT DEMIN TO REFUEL CAVITY MAN ISOL VLV															
2FC012	2	A	3	PLG	M	P	LC	C	M-63-1B	B-1	LT	AJ			
Valve Name SPENT FUEL PIT DEMIN TO REFUEL CAVITY MAN ISOL VLV															

Fire Protection (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.
1FP010	2	B	4	GL	AO	A	O	C	M-52-1	E6	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name FIRE PROTECTION OUTBOARD CONTAINMENT ISOLATION VLV															
1FP345	2	C	6	CK	SA	A	C	C	M-52-1	E7	CCU	CM			CW00-02
											CO	OP			CW00-02
Valve Name FIRE PROTECTION INBOARD CONTAINMENT ISOLATION VLV															
1FP360	3	C	0.75x1.0	RV	SA	A	C	O/C	M-52-1	E-7	RT	Y10			
Valve Name FIRE PROTECTION RELIEF VALVE															
2FP010	2	B	4	GL	AO	A	O	C	M-52-1	E3	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name FIRE PROTECTION OUTBOARD CONTAINMENT ISOLATION VLV															
2FP345	2	C	6	CK	SA	A	C	C	M-52-1	E2	CCU	CM			CW00-02
											CO	OP			CW00-02
Valve Name FIRE PROTECTION INBOARD CONTAINMENT ISOLATION VLV															
2FP360	3	C	0.75x1.0	RV	SA	A.	C	O/C			RT	Y10			
Valve Name FIRE PROTECTION 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.
1FW009A	2	B	16	GA	HO	A	O	C	M-36-1C	C-5	PI SC	Y2 CS		CS-3	VA-4 VA-1
Valve Name HOV S/G FW ISOL VLV															
1FW009B	2	B	16	GA	HO	A	O	C	M-36-1A	C-5	PI SC	Y2 CS		CS-3	VA-4 VA-1
Valve Name HOV S/G FW ISOL VLV															
1FW009C	2	B	16	GA	HO	A	O	C	M-36-1D	C-5	PI SC	Y2 CS		CS-3	VA-4 VA-1
Valve Name HOV S/G FW ISOL VLV															
1FW009D	2	B	16	GA	HO	A	O	C	M-36-1B	C-5	PI SC	Y2 CS		CS-3	VA-4 VA-1
Valve Name HOV S/G FW ISOL VLV															
1FW034A	NC	B	2	GL	AO	A	O	C	M-36-1C	E-2	FC	RR		RJ-14	
Valve Name S/G FEEDWATER TEMPERING FLOW CONTROL VALVE															
1FW034B	NC	B	2	GL	AO	A	O	C	M-36-1A	E-2	FC	RR		RJ-14	
Valve Name S/G FEEDWATER TEMPERING FLOW CONTROL VALVE															
1FW034C	NC	B	2	GL	AO	A	O	C	M-36-1D	E-2	FC	RR		RJ-14	
Valve Name S/G FEEDWATER TEMPERING FLOW CONTROL VALVE															
1FW034D	NC	B	2	GL	AO	A	O	C	M-36-1B	E-2	FC	RR		RJ-14	
Valve Name S/G FEEDWATER TEMPERING FLOW CONTROL VALVE															
1FW035A	2	B	3	GL	AO	A	O	C	M-36-1C	E-3	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name S/G FEEDWATER TEMPERING ISOLATION VALVE															
1FW035B	2	B	3	GL	AO	A	O	C	M-36-1A	E-3	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name S/G FEEDWATER TEMPERING ISOLATION VALVE															
1FW035C	2	B	3	GL	AO	A	O	C	M-36-1D	E-3	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name S/G FEEDWATER TEMPERING ISOLATION VALVE															
1FW035D	2	B	3	GL	AO	A	O	C	M-36-1B	E-3	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name S/G FEEDWATER TEMPERING ISOLATION VALVE															
1FW036A	2	C	3	CK	SA	A	SYS	C	M-36-1C	E-3	CCU CO	CM OP			CW00-02 CW00-02
Valve Name FEEDWATER TEMPERING LINE CHECK VALVE															

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Feedwater (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.
1FW036B	2	C	3	CK	SA	A	SYS	C	M-36-1A	E-3	CCU CO	CM OP			CW00-02 CW00-02
Valve Name FEEDWATER TEMPERING LINE CHECK VALVE															
1FW036C	2	C	3	CK	SA	A	SYS	C	M-36-1D	E-3	CCU CO	CM OP			CW00-02 CW00-02
Valve Name FEEDWATER TEMPERING LINE CHECK VALVE															
1FW036D	2	C	3	CK	SA	A	SYS	C	M-36-1B	E-3	CCU CO	CM OP			CW00-02 CW00-02
Valve Name FEEDWATER TEMPERING LINE CHECK VALVE															
1FW039A	2	B	6	GA	AO	A	C	C	M-36-1C	C-4	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name S/G LOW FLOW FEEDWATER ISOLATION VALVE															
1FW039B	2	B	6	GA	AO	A	C	C	M-36-1A	C-4	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name S/G LOW FLOW FEEDWATER ISOLATION VALVE															
1FW039C	2	B	6	GA	AO	A	C	C	M-36-1D	C-4	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name S/G LOW FLOW FEEDWATER ISOLATION VALVE															
1FW039D	2	B	6	GA	AO	A	C	C	M-36-1B	C-4	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name S/G LOW FLOW FEEDWATER ISOLATION VALVE															
1FW079A	2	B	16	CK	SA	A	SYS	C	M-36-1C	C-4	CC CO	CM OP			CW00-02 CW00-02
Valve Name FEEDWATER ISOLATION CHECK VALVE															
1FW079B	2	B	16	CK	SA	A	SYS	C	M-36-1A	C-4	CC CO	CM OP			CW00-02 CW00-02
Valve Name FEEDWATER ISOLATION CHECK VALVE															
1FW079C	2	B	16	CK	SA	A	SYS	C	M-36-1D	C-4	CC CO	CM OP			CW00-02 CW00-02
Valve Name FEEDWATER ISOLATION CHECK VALVE															
1FW079D	2	B	16	CK	SA	A	SYS	C	M-36-1B	C-3	CC CO	CM OP			CW00-02 CW00-02
Valve Name FEEDWATER ISOLATION CHECK VALVE															
1FW510	NC	B	16	AN	AO	A	O	C	M-36-1C	D-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING VALVE															

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Feedwater (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.
1FW510A	NC	B	4	GA	AO	A	C	C	M-36-1C	C-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING BYPASS VALVE															
1FW520	NC	B	16	AN	AO	A	O	C	M-36-1A	D-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING VALVE															
1FW520A	NC	B	4	GA	AO	A	C	C	M-36-1A	C-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING BYPASS VALVE															
1FW530	NC	B	16	AN	AO	A	O	C	M-36-1D	D-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING VALVE															
1FW530A	NC	B	4	GA	AO	A	C	C	M-36-1D	C-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING BYPASS VALVE															
1FW540	NC	B	16	AN	AO	A	O	C	M-36-1B	D-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING VALVE															
1FW540A	NC	B	4	GA	AO	A	C	C	M-36-1B	C-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING BYPASS VALVE															
2FW009A	2	B	16	GA	HO	A	O	C	M-121-1B	C-5	PI	Y2			VA-4
											SC	CS		CS-3	VA-1
Valve Name HOV S/G FW ISOL VLV															
2FW009B	2	B	16	GA	HO	A	O	C	M-121-1D	C-5	PI	Y2			VA-4
											SC	CS		CS-3	VA-1
Valve Name HOV S/G FW ISOL VLV															
2FW009C	2	B	16	GA	HO	A	O	C	M-121-1A	C-5	PI	Y2			VA-4
											SC	CS		CS-3	VA-1
Valve Name HOV S/G FW ISOL VLV															
2FW009D	2	B	16	GA	HO	A	O	C	M-121-1C	C-5	PI	Y2			VA-4
											SC	CS		CS-3	VA-1
Valve Name HOV S/G FW ISOL VLV															
2FW034A	NC	B	2	GL	AO	A	O	C	M-121-1B	E-2	FC	RR		RJ-14	
Valve Name S/G FEEDWATER TEMPERING FLOW CONTROL VALVE															
2FW034B	NC	B	2	GL	AO	A	O	C	M-121-1D	E-2	FC	RR		RJ-14	
Valve Name S/G FEEDWATER TEMPERING FLOW CONTROL VALVE															
2FW034C	NC	B	2	GL	AO	A	O	C	M-121-1A	E-2	FC	RR		RJ-14	
Valve Name S/G FEEDWATER TEMPERING FLOW CONTROL VALVE															
2FW034D	NC	B	2	GL	AO	A	O	C	M-121-1C	E-2	FC	RR		RJ-14	
Valve Name S/G FEEDWATER TEMPERING FLOW CONTROL VALVE															
2FW035A	2	B	3	GL	AO	A	O	C	M-121-1B	E-3	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name S/G FEEDWATER TEMPERING ISOLATION VALVE															

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Feedwater (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.
2FW035B	2	B	3	GL	AO	A	O	C	M-121-1D	E-3	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name S/G FEEDWATER TEMPERING ISOLATION VALVE															
2FW035C	2	B	3	GL	AO	A	O	C	M-121-1A	E-3	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name S/G FEEDWATER TEMPERING ISOLATION VALVE															
2FW035D	2	B	3	GL	AO	A	O	C	M-121-1C	E-3	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name S/G FEEDWATER TEMPERING ISOLATION VALVE															
2FW036A	2	C	3	CK	SA	A	SYS	C	M-121-1B	E-3	CCU	CM			CW00-02
											CO	OP			CW00-02
Valve Name FEEDWATER TEMPERING LINE CHECK VALVE															
2FW036B	2	C	3	CK	SA	A	SYS	C	M-121-1D	E-3	CCU	CM			CW00-02
											CO	OP			CW00-02
Valve Name FEEDWATER TEMPERING LINE CHECK VALVE															
2FW036C	2	C	3	CK	SA	A	SYS	C	M-121-1A	E-3	CCU	CM			CW00-02
											CO	OP			CW00-02
Valve Name FEEDWATER TEMPERING LINE CHECK VALVE															
2FW036D	2	C	3	CK	SA	A	SYS	C	M-121-1C	E-3	CCU	CM			CW00-02
											CO	OP			CW00-02
Valve Name FEEDWATER TEMPERING LINE CHECK VALVE															
2FW039A	2	B	6	GA	AO	A	O	C	M-121-1B	C-4	FC	CS		CS-9	VA-2
											PI	Y2			VA-4
											SC	CS		CS-9	VA-1
Valve Name S/G PREHEATER BYPASS ISOLATION VALVE															
2FW039B	2	B	6	GA	AO	A	O	C	M-121-1D	C-4	FC	CS		CS-9	VA-2
											PI	Y2			VA-4
											SC	CS		CS-9	VA-1
Valve Name S/G PREHEATER BYPASS ISOLATION VALVE															
2FW039C	2	B	6	GA	AO	A	O	C	M-121-1A	C-4	FC	CS		CS-9	VA-2
											PI	Y2			VA-4
											SC	CS		CS-9	VA-1
Valve Name S/G PREHEATER BYPASS ISOLATION 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.
2FW039D	2	B	6	GA	AO	A	O	C	M-121-1C	C-4	FC	CS		CS-9	VA-2
											PI	Y2			VA-4
											SC	CS		CS-9	VA-1
Valve Name S/G PREHEATER BYPASS ISOLATION VALVE															
2FW043A	2	B	3	GL	AO	A	C	C	M-121-1B	B-5	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name FEEDWATER ISOLATION VALVE BYPASS VALVE															
2FW043B	2	B	3	GL	AO	A	C	C	M-121-1D	B-5	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name FEEDWATER ISOLATION VALVE BYPASS VALVE															
2FW043C	2	B	3	GL	AO	A	C	C	M-121-1A	B-5	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name FEEDWATER ISOLATION VALVE BYPASS VALVE															
2FW043D	2	B	3	GL	AO	A	C	C	M-121-1C	B-5	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name FEEDWATER ISOLATION VALVE BYPASS VALVE															
2FW079A	2	B	16	CK	SA	A	SYS	C	M-121-1B	C-4	CC	CM			CW00-02
											CO	OP			CW00-02
Valve Name FEEDWATER ISOLATION CHECK VALVE															
2FW079B	2	B	16	CK	SA	A	SYS	C	M-121-1D	C-4	CC	CM			CW00-02
											CO	OP			CW00-02
Valve Name FEEDWATER ISOLATION CHECK VALVE															
2FW079C	2	B	16	CK	SA	A	SYS	C	M-121-1A	C-4	CC	CM			CW00-02
											CO	OP			CW00-02
Valve Name FEEDWATER ISOLATION CHECK VALVE															
2FW079D	2	B	16	CK	SA	A	SYS	C	M-121-1C	C-4	CC	CM			CW00-02
											CO	OP			CW00-02
Valve Name FEEDWATER ISOLATION CHECK VALVE															
2FW510	NC	B	16	AN	AO	A	O	C	M-121-1B	D-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING VALVE															
2FW510A	NC	B	4	GA	AO	A	C	C	M-121-1B	C-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING BYPASS VALVE															
2FW520	NC	B	16	AN	AO	A	O	C	M-121-1D	D-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING VALVE															

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Feedwater (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.
2FW520A	NC	B	4	GA	AO	A	C	C	M-121-1D	C-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING BYPASS VALVE															
2FW530	NC	B	16	AN	AO	A	O	C	M-121-1A	D-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING VALVE															
2FW530A	NC	B	4	GA	AO	A	C	C	M-121-1A	C-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING BYPASS VALVE															
2FW540	NC	B	16	AN	AO	A	O	C	M-121-1C	D-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING VALVE															
2FW540A	NC	B	4	GA	AO	A	C	C	M-121-1C	C-2	FC	RR		RJ-14	VA-2
Valve Name FEEDWATER REGULATING BYPASS VALVE															

Radioactive Waste Gas (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.
0GW9300A	3	C	1.0x2.0	RV	SA	A	C	O/C	M-69-1	D-8	RT	Y10			
Valve Name WASTE GAS DECAY TANK RELIEF VALVE															
0GW9300B	3	C	1.0x2.0	RV	SA	A	C	O/C	M-69-1	D-7	RT	Y10			
Valve Name WASTE GAS DECAY TANK RELIEF VALVE															
0GW9300C	3	C	1.0x2.0	RV	SA	A	C	O/C	M-69-1	D-6	RT	Y10			
Valve Name WASTE GAS DECAY TANK RELIEF VALVE															
0GW9300D	3	C	1.0x2.0	RV	SA	A	C	O/C	M-69-1	D-5	RT	Y10			
Valve Name WASTE GAS DECAY TANK RELIEF VALVE															
0GW9300E	3	C	1.0x2.0	RV	SA	A	C	O/C	M-69-1	D-4	RT	Y10			
Valve Name WASTE GAS DECAY TANK RELIEF VALVE															
0GW9300F	3	C	1.0x2.0	RV	SA	A	C	O/C	M-69-1	D-2	RT	Y10			
Valve Name WASTE GAS DECAY TANK RELIEF VALVE															

Byron Station
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Instrument Air Supply (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.
11A065	2	A	3	GL	AO	A	O	C	M-55-4	D-2	FC	RR		RJ-5	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	RR		RJ-5	VA-1
Valve Name IA SUPPLY CONTAINMENT ISOLATION VALVE															
11A066	2	A	3	GL	AO	A	O	C	M-55-4	D-3	FC	RR		RJ-5	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	RR		RJ-5	VA-1
Valve Name IA SUPPLY CONTAINMENT ISOLATION VALVE															
11A091	2	AC	0.75	CK	SA	A	SYS	C	M-55-4	D-3	CC	CM			CW00-02
											CO	RR			CW00-02
											LT	AJ			
Valve Name IA SUPPLY CONTAINMENT ISOLATION CHECK VALVE															
21A065	2	A	3	GL	AO	A	O	C	M-55-5	D-7	FC	RR		RJ-5	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	RR		RJ-5	VA-1
Valve Name IA SUPPLY CONTAINMENT ISOLATION VALVE															
11A066	2	A	3	GL	AO	A	O	C	M-55-5	D-6	FC	RR		RJ-5	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	RR		RJ-5	VA-1
Valve Name IA SUPPLY CONTAINMENT ISOLATION VALVE															
21A091	2	AC	0.75	CK	SA	A	SYS	C	M-55-5	E-6	CC	CM			CW00-02
											CO	RR			CW00-02
											LT	AJ			
Valve Name IA SUPPLY CONTAINMENT ISOLATION CHECK VALVE															

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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.
1MS001A	2	B	30.25	GA	HO	A	O	C	M-35-2	B-4	PI	Y2			VA-4
											SC	CS		CS-1	VA-1
Valve Name STEAM GENERATOR MAIN STEAM ISOLATION VALVE															
1MS001B	2	B	32.75	GA	HO	A	O	C	M-35-1	E-5	PI	Y2			VA-4
											SC	CS		CS-1	VA-1
Valve Name STEAM GENERATOR MAIN STEAM ISOLATION VALVE															
1MS001C	2	B	32.75	GA	HO	A	O	C	M-35-2	E-4	PI	Y2			VA-4
											SC	CS		CS-1	VA-1
Valve Name STEAM GENERATOR MAIN STEAM ISOLATION VALVE															
1MS001D	2	B	30.25	GA	HO	A	O	C	M-35-1	B-5	PI	Y2			VA-4
											SC	CS		CS-1	VA-1
Valve Name STEAM GENERATOR MAIN STEAM ISOLATION VALVE															
1MS013A	2	C	6	RV	SA	A	C	O/C	M-35-2	C-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS013B	2	C	6	RV	SA	A	C	O/C	M-35-1	F-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS013C	2	C	6	RV	SA	A	C	O/C	M-35-2	F-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS013D	2	C	6	RV	SA	A	C	O/C	M-35-1	C-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS014A	2	C	6	RV	SA	A	C	O/C	M-35-2	C-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS014B	2	C	6	RV	SA	A	C	O/C	M-35-1	F-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS014C	2	C	6	RV	SA	A	C	O/C	M-35-2	F-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS014D	2	C	6	RV	SA	A	C	O/C	M-35-1	C-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS015A	2	C	6	RV	SA	A	C	O/C	M-35-2	C-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS015B	2	C	6	RV	SA	A	C	O/C	M-35-1	F-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS015C	2	C	6	RV	SA	A	C	O/C	M-35-2	F-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS015D	2	C	6	RV	SA	A	C	O/C	M-35-1	C-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY 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.
1MS016A	2	C	6	RV	SA	A	C	O/C	M-35-2	C-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS016B	2	C	6	RV	SA	A	C	O/C	M-35-1	F-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS016C	2	C	6	RV	SA	A	C	O/C	M-35-2	F-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS016D	2	C	6	RV	SA	A	C	O/C	M-35-1	C-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS017A	2	C	6	RV	SA	A	C	O/C	M-35-2	C-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS017B	2	C	6	RV	SA	A	C	O/C	M-35-1	F-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS017C	2	C	6	RV	SA	A	C	O/C	M-35-2	F-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS017D	2	C	6	RV	SA	A	C	O/C	M-35-1	C-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
1MS018A	2	B	6	RV	HO	A	C	O/C	M-35-2	C-2	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name STEAM GENERATOR ATMOSPHERIC RELIEF VALVE															
1MS018B	2	B	6	RV	HO	A	C	O/C	M-35-1	F-2	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name STEAM GENERATOR ATMOSPHERIC RELIEF VALVE															
1MS018C	2	B	6	RV	HO	A	C	O/C	M-35-2	F-2	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name STEAM GENERATOR ATMOSPHERIC RELIEF VALVE															
1MS018D	2	B	6	RV	HO	A	C	O/C	M-35-1	C-2	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name STEAM GENERATOR ATMOSPHERIC RELIEF VALVE															
1MS019A	2	B	8	GA	M	A	O	O/C	M-35-2	C-2	SC	M3			VA-6
Valve Name SG PORV INLET ISOLATION MANUAL VALVES															

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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.
1MS019B	2	B	8	GA	M	A	O	O/C	M-35-1	E-2	SC	M3			VA-6
Valve Name SG PORV INLET ISOLATION MANUAL VALVES															
1MS019C	2	B	8	GA	M	A	O	O/C	M-35-2	E-2	SC	M3			VA-6
Valve Name SG PORV INLET ISOLATION MANUAL VALVES															
1MS019D	2	B	8	GA	M	A	O	O/C	M-35-1	C-2	SC	M3			VA-6
Valve Name SG PORV INLET ISOLATION MANUAL VALVES															
1MS101A	2	B	4	GL	AO	A	C	C	M-35-2	B-4	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MAIN STEAM ISOLATION VALVE BYPASS VALVE															
1MS101B	2	B	4	GL	AO	A	C	C	M-35-1	D-5	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MAIN STEAM ISOLATION VALVE BYPASS VALVE															
1MS101C	2	B	4	GL	AO	A	C	C	M-35-1	E-4	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MAIN STEAM ISOLATION VALVE BYPASS VALVE															
1MS101D	2	B	4	GL	AO	A	C	C	M-35-1	B-5	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MAIN STEAM ISOLATION VALVE BYPASS VALVE															
2MS001A	2	B	30.25	GA	HO	A	O	C	M-120-2A	C-5	CP				
											PI	Y2			VA-4
											SC	CS		CS-1	VA-1
Valve Name STEAM GENERATOR MAIN STEAM ISOLATION VALVE															
2MS001B	2	B	32.75	GA	HO	A	O	C	M-120-1	E-5	CP				
											PI	Y2			VA-4
											SC	CS		CS-1	VA-1
Valve Name STEAM GENERATOR MAIN STEAM ISOLATION VALVE															
2MS001C	2	B	32.75	GA	HO	A	O	C	M-120-2B	C-5	CP				
											PI	Y2			VA-4
											SC	CS		CS-1	VA-1
Valve Name STEAM GENERATOR MAIN STEAM ISOLATION VALVE															
2MS001D	2	B	30.25	GA	HO	A	O	C	M-120-1	B-5	CP				
											PI	Y2			VA-4
											SC	CS		CS-1	VA-1
Valve Name STEAM GENERATOR MAIN STEAM ISOLATION VALVE															

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.
2MS013A	2	C	6	RV	SA	A	C	O/C	M-120-2A	E-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS013B	2	C	6	RV	SA	A	C	O/C	M-120-1	F-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS013C	2	C	6	RV	SA	A	C	O/C	M-120-2B	E-5	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS013D	2	C	6	RV	SA	A	C	O/C	M-120-1	C-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS014A	2	C	6	RV	SA	A	C	O/C	M-120-2A	E-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS014B	2	C	6	RV	SA	A	C	O/C	M-120-1	F-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS014C	2	C	6	RV	SA	A	C	O/C	M-120-2B	E-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS014D	2	C	6	RV	SA	A	C	O/C	M-120-1	C-4	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS015A	2	C	6	RV	SA	A	C	O/C	M-120-2A	E-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS015B	2	C	6	RV	SA	A	C	O/C	M-120-1	F-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS015C	2	C	6	RV	SA	A	C	O/C	M-120-2B	E-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS015D	2	C	6	RV	SA	A	C	O/C	M-120-1	C-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS016A	2	C	6	RV	SA	A	C	O/C	M-120-2A	E-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS016B	2	C	6	RV	SA	A	C	O/C	M-120-1	F-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS016C	2	C	6	RV	SA	A	C	O/C	M-120-2B	E-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS016D	2	C	6	RV	SA	A	C	O/C	M-120-1	C-3	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS017A	2	C	6	RV	SA	A	C	O/C	M-120-2A	E-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS017B	2	C	6	RV	SA	A	C	O/C	M-120-1	F-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY 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.
2MS017C	2	C	6	RV	SA	A	C	O/C	M-120-2B	E-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS017D	2	C	6	RV	SA	A	C	O/C	M-120-1	C-2	RT	Y5			
Valve Name STEAM GENERATOR SAFETY VALVE															
2MS018A	2	B	6	RV	HO	A	C	O/C	M-120-2A	E-1	FC	M3			VA-2
												PI	Y2		VA-4
												SC	M3		VA-1
												SO	M3		VA-1
Valve Name STEAM GENERATOR ATMOSPHERIC RELIEF VALVE															
2MS018B	2	B	6	RV	HO	A	C	O/C	M-120-1	F-2	FC	M3			VA-2
												PI	Y2		VA-4
												SC	M3		VA-1
												SO	M3		VA-1
Valve Name STEAM GENERATOR ATMOSPHERIC RELIEF VALVE															
2MS018C	2	B	6	RV	HO	A	C	O/C	M-120-2B	E-1	FC	M3			VA-2
												PI	Y2		VA-4
												SC	M3		VA-1
												SO	M3		VA-1
Valve Name STEAM GENERATOR ATMOSPHERIC RELIEF VALVE															
2MS018D	2	B	6	RV	HO	A	C	O/C	M-120-1	C-2	FC	M3			VA-2
												PI	Y2		VA-4
												SC	M3		VA-1
												SO	M3		VA-1
Valve Name STEAM GENERATOR ATMOSPHERIC RELIEF VALVE															
2MS019A	2	B	8	GA	M	A	O	O/C	M-120-2A	D-2	SC	M3			VA-6
Valve Name SG PORV INLET ISOLATION MANUAL VALVES															
2MS019B	2	B	8	GA	M	A	O	O/C	M-120-1	E-2	SC	M3			VA-6
Valve Name SG PORV INLET ISOLATION MANUAL VALVES															
2MS019C	2	B	8	GA	M	A	O	O/C	M-120-2B	D-2	SC	M3			VA-6
Valve Name SG PORV INLET ISOLATION MANUAL VALVES															
2MS019D	2	B	8	GA	M	A	O	O/C	M-120-1	C-2	SC	M3			VA-6
Valve Name SG PORV INLET ISOLATION MANUAL VALVES															
2MS101A	2	B	4	GL	AO	A	C	C	M-120-2A	C-5	FC	M3			VA-2
												PI	Y2		VA-4
												SC	M3		VA-1
Valve Name MAIN STEAM ISOLATION VALVE BYPASS 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.
2MS101B	2	B	4	GL	AO	A	C	C	M-120-1	D-5	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MAIN STEAM ISOLATION VALVE BYPASS VALVE															
2MS101C	2	B	4	GL	AO	A	C	C	M-120-2B	C-5	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MAIN STEAM ISOLATION VALVE BYPASS VALVE															
2MS101D	2	B	4	GL	AO	A	C	C	M-120-1	B-5	FC	M3			VA-2
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MAIN STEAM ISOLATION VALVE BYPASS VALVE															

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Byron Station
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Off Gas (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.
00G059	2	B	3	BTF	MO	A	C	O	M-47-2	C-3	PI	Y2			VA-4
											SO	M3			VA-1
Valve Name H2 RECOMBINER INLET VALVE															
00G061	2	B	3	BTF	MO	A	C	O/C	M-47-2	C-6	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name DISCH OF H2 RECOMBINER CONTAINMENT X-TIE															
00G062	2	B	3	BTF	MO	A	C	O/C	M-47-2	C-6	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name DISCH OF H2 RECOMBINER CONTAINMENT X-TIE															
00G063	2	B	3	BTF	MO	A	C	O/C	M-47-2	D-3	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name INLET OF H2 RECOMBINER CONTAINMENT X-TIE															
00G064	2	B	3	BTF	MO	A	C	O/C	M-47-2	D-3	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name INLET OF H2 RECOMBINER CONTAINMENT X-TIE															
00G065	2	B	3	BTF	MO	A	C	O	M-150-2	C-5	PI	Y2			VA-4
											SO	M3			VA-1
Valve Name H2 RECOMBINER INLET VALVE															
00G057A	2	A	3	BTF	MO	A	C	O/C	M-47-2	E-6	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER DISCH CONTAINMENT ISOLATION VALVE															
10G079	2	A	3	BTF	MO	A	C	O/C	M-47-2	E-6	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER DISCH CONTAINMENT ISOLATION VALVE															
10G080	2	A	3	BTF	MO	A	C	O/C	M-47-2	E-5	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER SUCTION CONTAINMENT ISOLATION VALVE															
10G081	2	A	3	BTF	MO	A	C	O/C	M-47-2	E-5	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER SUCTION CONTAINMENT ISOLATION VALVE															

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Off Gas (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.
1OG082	2	A	3	BTF	MO	A	C	O/C	M-47-2	E-6	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER DISCH CONTAINMENT ISOLATION VALVE															
1OG083	2	A	3	BTF	MO	A	C	O/C	M-47-2	E-6	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER DISCH CONTAINMENT ISOLATION VALVE															
1OG084	2	A	3	BTF	MO	A	C	O/C	M-47-2	E-4	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER SUCTION CONTAINMENT ISOLATION VALVE															
1OG085	2	A	3	BTF	MO	A	C	O/C	M-47-2	E-4	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER SUCTION CONTAINMENT ISOLATION VALVE															
2OG057A	2	A	3	BTF	MO	A	C	O/C	M-150-2	E-7	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER DISCH CONTAINMENT ISOLATION VALVE															
2OG079	2	A	3	BTF	MO	A	C	O/C	M-150-2	E-7	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER DISCH CONTAINMENT ISOLATION VALVE															
2OG080	2	A	3	BTF	MO	A	C	O/C	M-150-2	E-6	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER SUCTION CONTAINMENT ISOLATION VALVE															
2OG081	2	A	3	BTF	MO	A	C	O/C	M-150-2	E-6	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 RECOMBINER SUCTION CONTAINMENT ISOLATION VALVE															

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Off Gas (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.
2OG082	2	A	3	BTF	MO	A	C	O/C	M-150-2	E-7	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1

Valve Name H2 RECOMBINER DISCH CONTAINMENT ISOLATION VALVE

2OG083	2	A	3	BTF	MO	A	C	O/C	M-150-2	E-7	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1

Valve Name H2 RECOMBINER DISCH CONTAINMENT ISOLATION VALVE

2OG084	2	A	3	BTF	MO	A	C	O/C	M-150-2	E-5	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1

Valve Name H2 RECOMBINER SUCTION CONTAINMENT ISOLATION VALVE

2OG085	2	A	3	BTF	MO	A	C	O/C	M-150-2	E-5	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1

Valve Name H2 RECOMBINER SUCTION CONTAINMENT ISOLATION VALVE

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Process Radiation 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.
1PR001A	2	A	1	GL	AO	A	O	C	M-78-10	F-8	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name CONTAINMENT ATMOSPHERE TO PR OUTSIDE ISOL VALVE															
1PR001B	2	A	1	GL	AO	A	O	C	M-78-10	F-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name CONTAINMENT ATMOSPHERE TO PR OUTSIDE ISOL VALVE															
1PR032	2	AC	1	CK	SA	A	SYS	C	M-78-10	E-1	CC	AJ			CW00-02
											CO	OP			CW00-02
											LT	AJ			
Valve Name RAD MONITOR RETURN INSIDE CONTAINMENT CHECK VALVE															
1PR066	2	A	1	GL	AO	A	O	C	M-78-10	E-1	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name CNMT ATMOSPHERE SAMPLE RETURN OUTSIDE ISOL VALVE															
2PR001A	2	A	1	GL	AO	A	O	C	M-151-1	F-8	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name CONTAINMENT ATMOSPHERE TO PR OUTSIDE ISOL VALVE															
2PR001B	2	A	1	GL	AO	A	O	C	M-151-1	F-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name CONTAINMENT ATMOSPHERE TO PR OUTSIDE ISOL VALVE															
2PR032	2	AC	1	CK	SA	A	SYS	C	M-151-1	E-1	CC	AJ			CW00-02
											CO	OP			CW00-02
											LT	AJ			
Valve Name RAD MONITOR RETURN INSIDE CONTAINMENT CHECK VALVE															
2PR066	2	A	1	GL	AO	A	O	C	M-151-1	E-1	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name CNMT ATMOSPHERE SAMPLE RETURN OUTSIDE ISOL VALVE															

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Process 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.
1PS228A	2	A	0.5	GL	SO	A	O	O/C	M-68-7	E-7	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J PRI CONTAINMENT ISOL VALVE															
1PS228B	2	A	0.5	GL	SO	A	O	O/C	M-68-7	C-7	FO	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J PRI CONTAINMENT ISOL VALVE															
1PS229A	2	A	0.5	GL	SO	A	O	O/C	M-68-7	E-6	FO	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J SEC CONTAINMENT ISOL VALVE															
1PS229B	2	A	0.5	GL	SO	A	O	O/C	M-68-7	C-6	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J SEC CONTAINMENT ISOL VALVE															
1PS230A	2	A	1	GL	SO	A	C	O/C	M-68-7	D-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J CONTAINMENT RETURN VALVE															
1PS230B	2	A	1	GL	SO	A	C	O/C	M-68-7	B-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J CONTAINMENT RETURN VALVE															
1PS231A	2	A/C	0.75	CK	SA	A	SYS	O/C	M-68-7	D-8	CC	AJ			CW00-02
											CO	M3			CW00-02
											LT	AJ			
Valve Name PNL PS47J/48J H2 MON CNMT RETURN CHK VALVE															

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Process 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.
1PS231B	2	A/C	0.75	CK	SA	A	SYS	O/C	M-68-7	B-8	CC	AJ			CW00-02
											CO	M3			CW00-02
											LT	AJ			
Valve Name PNL PS47J/48J H2 MON CNMT RETURN CHK VALVE															
1PS9354A	2	A	1	GL	AO	A	C	C	M-68-1B	D-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PZR STM TO HRSS SCP PS29J INSIDE CONTAINMENT															
1PS9354B	2	A	1	GL	AO	A	C	C	M-68-1B	D-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PZR STM TO HRSS SCP PS29J OUTSIDE CONTAINMENT															
1PS9355A	2	A	1	GL	AO	A	C	C	M-68-1B	B-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PZR LIQ TO HRSS SCP PS29J INSIDE CONTAINMENT															
1PS9355B	2	A	1	GL	AO	A	C	C	M-68-1B	B-5	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PZR LIQ TO HRSS SCP PS29J OUTSIDE CONTAINMENT															
1PS9356A	2	A	1	GL	AO	A	C	C	M-68-1A	D-5	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RC TO HRSS SCP PS29J INSIDE CONTAINMENT ISOL															
1PS9356B	2	A	1	GL	AO	A	C	C	M-68-1A	D-4	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RC TO HRSS SCP PS29J OUTSIDE CONTAINMENT ISOL															
1PS9357A	2	A	1	GL	AO	A	C	C	M-68-1B	A-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name ACCUM TANKS TO HRSS SCP PS29J ISOL VALVE															

Process 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.
1PS9357B	2	A	1	GL	AO	A	C	C	M-68-1B	A-5	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name ACCUM TANKS TO HRSS SCP PS29J ISOL VALVE															
2PS228A	2	A	0.5	GL	SO	A	O	O/C	M-140-6	E-7	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J PRI CONTAINMENT ISOL VALVE															
2PS228B	2	A	0.5	GL	SO	A	O	O/C	M-140-6	C-7	FO	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J PRI CONTAINMENT ISOL VALVE															
2PS229A	2	A	0.5	GL	SO	A	O	O/C	M-140-6	E-6	FO	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J SEC CONTAINMENT ISOL VALVE															
2PS229B	2	A	0.5	GL	SO	A	O	O/C	M-140-6	C-6	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J SEC CONTAINMENT ISOL VALVE															
2PS230A	2	A	1	GL	SO	A	C	O/C	M-140-6	D-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J CONTAINMENT RETURN VALVE															
2PS230B	2	A	1	GL	SO	A	C	O/C	M-140-6	B-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name H2 MONITOR PS47J/48J CONTAINMENT RETURN VALVE															

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Process 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.
2PS231A	2	A/C	0.75	CK	SA	A	SYS	O/C	M-140-6	D-8	CC	AJ			CW00-02
											CO	M3			CW00-02
											LT	AJ			
Valve Name PNL PS47J/48J H2 MON CNMT RETURN CHK VALVE															
2PS231B	2	A/C	0.75	CK	SA	A	SYS	O/C	M-140-6	B-8	CC	AJ			CW00-02
											CO	M3			CW00-02
											LT	AJ			
Valve Name PNL PS47J/48J H2 MON CNMT RETURN CHK VALVE															
2PS9354A	2	A	1	GL	AO	A	C	C	M-140-1	E-6	FC	M3			VA-2
											LT	AJ			
											PI	RR			VA-4
											SC	M3			VA-1
Valve Name PZR STM TO HRSS SCP PS29J INSIDE CONTAINMENT															
2PS9354B	2	A	1	GL	AO	A	C	C	M-140-1	E-5	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PZR STM TO HRSS SCP PS29J OUTSIDE CONTAINMENT															
2PS9355A	2	A	1	GL	AO	A	C	C	M-140-1	D-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PZR LIQ TO HRSS SCP PS29J INSIDE CONTAINMENT															
2PS9355B	2	A	1	GL	AO	A	C	C	M-140-1	D-5	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PZR LIQ TO HRSS SCP PS29J OUTSIDE CONTAINMENT															
2PS9356A	2	A	1	GL	AO	A	C	C	M-140-1	C-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RC TO HRSS SCP PS29J INSIDE CONTAINMENT ISOL															
2PS9356B	2	A	1	GL	AO	A	C	C	M-140-1	C-5	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RC TO HRSS SCP PS29J OUTSIDE CONTAINMENT ISOL															

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Process 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.
2PS9357A	2	A	1	GL	AO	A	C	C	M-140-1	C-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1

Valve Name ACCUM TANKS TO HRSS SCP PS29J ISOL VALVE

2PS9357B	2	A	1	GL	AO	A	C	C	M-140-1	C-5	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1

Valve Name ACCUM TANKS TO HRSS SCP PS29J ISOL VALVE

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Reactor Coolant (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.
1RC014A	1	B	1.00	GL	SO	A	C	O/C	M-60-1B	E-3	FC	CS		CS-6	VA-2
											PI	Y2			VA-4
											SC	CS		CS-6	VA-1
											SO	CS		CS-6	VA-1
Valve Name REACTOR HEAD VENT ISOLATION VALVE															
1RC014B	1	B	1.00	GL	SO	A	C	O/C	M-60-1B	F-3	FC	CS		CS-6	VA-2
											PI	Y2			VA-4
											SC	CS		CS-6	VA-1
											SO	CS		CS-6	VA-1
Valve Name REACTOR HEAD VENT ISOLATION VALVE															
1RC014C	1	B	1.00	GL	SO	A	C	O/C	M-60-1B	E-2	FC	CS		CS-6	VA-2
											PI	Y2			VA-4
											SC	CS		CS-6	VA-1
											SO	CS		CS-6	VA-1
Valve Name REACTOR HEAD VENT ISOLATION VALVE															
1RC014D	1	B	1.00	GL	SO	A	C	O/C	M-60-1B	F-2	FC	CS		CS-6	VA-2
											PI	Y2			VA-4
											SC	CS		CS-6	VA-1
											SO	CS		CS-6	VA-1
Valve Name REACTOR HEAD VENT ISOLATION VALVE															
1RY030A	3	C	0.75x1.00	RV	SA	P	C	O/C	M-60-8	E-6	RT	Y10			
Valve Name PORV ACCUMULATOR RELIEF VALVE															
1RY030B	3	C	0.75x1.00	RV	SA	P	C	O/C	M-60-8	E-4	RT	Y10			
Valve Name PORV ACCUMULATOR RELIEF VALVE															
1RY075	2	A	0.50	GL	M	P	LC	C	M-2060-6	E-6	LT	AJ			
Valve Name DEAD WEIGHT TESTER ISOLATION VALVE															
1RY085A	3	C	1.00	CK	SA	A	SYS	C	M-60-8	C-5	CC	RR		RJ-18	
											CO	RR			
Valve Name INSTR AIR SUPPLY TO PORV ACCUMULATOR CHECK VALVE															
1RY085B	3	C	1.00	CK	SA	A	SYS	C	M-60-8	C-3	CC	RR		RJ-18	
											CO	RR			
Valve Name INSTR AIR SUPPLY TO PORV ACCUMULATOR CHECK VALVE															
1RY086A	3	C	1.00	CK	SA	A	SYS	C	M-60-8	C-6	CC	RR		RJ-18	
											CO	RR			
Valve Name INSTR AIR SUPPLY TO PORV ACCUMULATOR CHECK VALVE															
1RY086B	3	C	1.00	CK	SA	A	SYS	C	M-60-8	C-4	CC	RR		RJ-18	
											CO	RR			
Valve Name INSTR AIR SUPPLY TO PORV ACCUMULATOR CHECK 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.
1RY455A	1	B	3.00	GL	DF	A	C	O/C	M-60-5	C-8	FC	CS		CS-14	VA-2
											PI	Y2			VA-4
											SC	CS		CS-14	VA-1
											SO	CS		CS-14	VA-1
Valve Name PRESSURIZER POWER OPERATED RELIEF VALVE (PORV)															
1RY456	1	B	3.00	GL	DF	A	C	O/C	M-60-5	D-8	FC	CS		CS-14	VA-2
											PI	Y2			VA-4
											SC	CS		CS-14	VA-1
											SO	CS		CS-14	VA-1
Valve Name PRESSURIZER POWER OPERATED RELIEF VALVE (PORV)															
1RY8000A	1	B	3.00	GA	MO	A	O	O/C	M-60-5	C-8	PI	Y2			VA-4, 6
											SC	M3			VA-1
Valve Name PRESSURIZER PORV BLOCK VALVE															
1RY8000B	1	B	3.00	GA	MO	A	O	O/C	M-60-5	D-8	PI	Y2			VA-4, 6
											SC	M3			VA-1
Valve Name PRESSURIZER PORV BLOCK VALVE															
1RY8010A	1	C	6.00	RV	SA	A	C	O/C	M-60-5	E-6	PI	Y2			VA-4
											RT	Y5			
Valve Name PRESSURIZER SAFETY VALVE															
1RY8010B	1	C	6.00	RV	SA	A	C	O/C	M-60-5	E-5	PI	Y2			VA-4
											RT	Y5			
Valve Name PRESSURIZER SAFETY VALVE															
1RY8010C	1	C	6.00	RV	SA	A	C	O/C	M-60-5	E-4	PI	Y2			VA-4
											RT	Y5			
Valve Name PRESSURIZER SAFETY VALVE															
1RY8025	2	A	0.375	GL	AO	A	C	C	M-60-6	E-2	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PRT GAS ANALYZER CONTAINMENT ISOLATION VALVE															
1RY8026	2	A	0.375	GL	AO	A	O	C	M-60-6	E-3	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PRT GAS ANALYZER CONTAINMENT ISOLATION VALVE															
1RY8028	2	A	3.00	DIA	AO	A	O	C	M-60-6	D-2	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PRIMARY WATER SUPPLY TO PRT CONT ISOLATION 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.
1RY8033	2	A	0.75	DIA	AO	A	O	C	M-60-6	E-2	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name N2 SUPPLY TO PRT CONTAINMENT ISOLATION VALVE															
1RY8046	2	AC	3.00	CK	SA	A	SYS	C	M-60-6	E-3	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name PRIMARY WATER SUPPLY TO PRT CHECK VALVE															
1RY8047	2	AC	0.75	CK	SA	A	SYS	C	M-60-6	E-3	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name NITROGEN SUPPLY TO PRT CHECK VALVE															
2RC014A	1	B	1.00	GL	SO	A	C	O/C	M-135-1B	F-2	FC	CS		CS-6	VA-2
											PI	Y2			VA-4
											SC	CS		CS-6	VA-1
											SO	CS		CS-6	VA-1
Valve Name REACTOR HEAD VENT ISOLATION VALVE															
2RC014B	1	B	1.00	GL	SO	A	C	O/C	M-135-1B	E-2	FC	CS		CS-6	VA-2
											PI	Y2			VA-4
											SC	CS		CS-6	VA-1
											SO	CS		CS-6	VA-1
Valve Name REACTOR HEAD VENT ISOLATION VALVE															
2RC014C	1	B	1.00	GL	SO	A	C	O/C	M-135-1B	F-2	FC	CS		CS-6	VA-2
											PI	Y2			VA-4
											SC	CS		CS-6	VA-1
											SO	CS		CS-6	VA-1
Valve Name REACTOR HEAD VENT ISOLATION VALVE															
2RC014D	1	B	1.00	GL	SO	A	C	O/C	M-135-1B	E-2	FC	CS		CS-6	VA-2
											PI	Y2			VA-4
											SC	CS		CS-6	VA-1
											SO	CS		CS-6	VA-1
Valve Name REACTOR HEAD VENT ISOLATION VALVE															
2RY030A	3	C	0.75x1.00	RV	SA	P	C	O/C	M-135-8	F-7	RT	Y10			
Valve Name PORV ACCUMULATOR RELIEF VALVE															
2RY030B	3	C	0.75x1.00	RV	SA	P	C	O/C	M-135-8	F-6	RT	Y10			
Valve Name PORV ACCUMULATOR RELIEF VALVE															
2RY075	2	A	0.50	GL	M	P	LC	C	M-2135-6	E-6	LT	AJ			
Valve Name DEAD WEIGHT TESTER ISOLATION 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.
2RY085A	3	C	1.00	CK	SA	A	SYS	C	M-135-8	E-7	CC CO	RR RR		RJ-18	
Valve Name INSTR AIR SUPPLY TO PORV ACCUMULATOR CHECK VALVE															
2RY085B	3	C	1.00	CK	SA	A	SYS	C	M-135-8	E-6	CC CO	RR RR		RJ-18	
Valve Name INSTR AIR SUPPLY TO PORV ACCUMULATOR CHECK VALVE															
2RY086A	3	C	1.00	CK	SA	A	SYS	C	M-135-8	E-7	CC CO	RR RR		RJ-18	
Valve Name INSTR AIR SUPPLY TO PORV ACCUMULATOR CHECK VALVE															
2RY086B	3	C	1.00	CK	SA	A	SYS	C	M-135-8	E-6	CC CO	RR RR		RJ-18	
Valve Name INSTR AIR SUPPLY TO PORV ACCUMULATOR CHECK VALVE															
2RY455A	1	B	3.00	GL	DF	A	C	O/C	M-135-5	C-8	FC PI SC SO	CS Y2 CS CS		CS-14 VA-2 CS-14 VA-1 CS-14 VA-1	
Valve Name PRESSURIZER POWER OPERATED RELIEF VALVE (PORV)															
2RY456	1	B	3.00	GL	DF	A	C	O/C	M-135-5	D-8	FC PI SC SO	CS Y2 CS CS		CS-14 VA-2 CS-14 VA-1 CS-14 VA-1	
Valve Name PRESSURIZER POWER OPERATED RELIEF VALVE (PORV)															
2RY8000A	1	B	3.00	GA	MO	A	O	O/C	M-135-5	C-8	PI SC	Y2 M3		VA-4, 6 VA-1	
Valve Name PRESSURIZER PORV BLOCK VALVE															
2RY8000B	1	B	3.00	GA	MO	A	O	O/C	M-135-5	D-8	PI SC	Y2 M3		VA-4, 6 VA-1	
Valve Name PRESSURIZER PORV BLOCK VALVE															
2RY8010A	1	C	6.00	RV	SA	A	C	O/C	M-135-5	E-6	PI RT	Y2 Y5		VA-4	
Valve Name PRESSURIZER SAFETY VALVE															
2RY8010B	1	C	6.00	RV	SA	A	C	O/C	M-135-5	E-5	PI RT	Y2 Y5		VA-4	
Valve Name PRESSURIZER SAFETY VALVE															
2RY8010C	1	C	6.00	RV	SA	A	C	O/C	M-135-5	E-4	PI RT	Y2 Y5		VA-4	
Valve Name PRESSURIZER SAFETY 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.
2RY8025	2	A	0.375	GL	AO	A	C	C	M-135-6	E-2	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PRT GAS ANALYZER CONTAINMENT ISOLATION VALVE															
2RY8026	2	A	0.375	GL	AO	A	O	C	M-135-6	E-3	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PRT GAS ANALYZER CONTAINMENT ISOLATION VALVE															
2RY8028	2	A	3.00	DIA	AO	A	O	C	M-135-6	D-2	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name PRIMARY WATER SUPPLY TO PRT CONT ISOLATION VALVE															
2RY8033	2	A	0.75	DIA	AO	A	O	C	M-135-6	E-2	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name N2 SUPPLY TO PRT CONTAINMENT ISOLATION VALVE															
2RY8046	2	AC	3.00	CK	SA	A	SYS	C	M-135-6	D-3	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name PRIMARY WATER SUPPLY TO PRT CHECK VALVE															
2RY8047	2	AC	0.75	CK	SA	A	SYS	C	M-135-6	E-3	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name NITROGEN SUPPLY TO PRT CHECK 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.
1RE022	2	AC	.75x1.0	RV	SA	A	C	O/C	M-70-1	A-2	LT RT	AJ Y10			
Valve Name RE PUMPS DISCHARGE RELIEF VLV															
1RE1003	2	A	3	DIA	AO	A	C	C	M-70-1	B-3	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name RCDT PUMPS DISCHARGE CONTAINMENT ISOLATION VALVE															
1RE9157	2	A	1	DIA	AO	A	O	C	M-70-1	C-2	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name RCDT NITROGEN SUPPLY CONTAINMENT ISOLATION VALVE															
1RE9159A	2	A	0.75	DIA	AO	A	O	C	M-70-1	E-3	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name RCDT TO AUTO GAS ANALYZER CONTAINMENT ISOL VALVE															
1RE9159B	2	A	0.75	DIA	AO	A	C	C	M-70-1	E-2	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name RCDT TO AUTO GAS ANALYZER CONTAINMENT ISOL VALVE															
1RE9160A	2	A	1	DIA	AO	A	O	C	M-70-1	D-3	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name RCDT TO WASTE GAS COMPRESSOR CONTAINMENT ISOL VLV															
1RE9160B	2	A	1	DIA	AO	A	O	C	M-70-1	D-2	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name RCDT TO WASTE GAS COMPRESSOR CONTAINMENT ISOL VLV															
1RE9170	2	A	3	DIA	AO	A	O	C	M-70-1	B-2	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name RCDT PUMPS DISCHARGE CONTAINMENT ISOLATION 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.
2RE022	2	AC	.75x1.0	RV	SA	A	C	O/C	M-141-1		LT	AJ			
											RT	Y10			
Valve Name RE PUMPS DISCHARGE RELIEF VLV															
2RE1003	2	A	3	DIA	AO	A	C	C	M-141-1	C-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RCDT PUMPS DISCHARGE CONTAINMENT ISOLATION VALVE															
2RE9157	2	A	1	DIA	AO	A	O	C	M-141-1	D-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RCDT NITROGEN SUPPLY CONTAINMENT ISOLATION VALVE															
2RE9159A	2	A	0.75	DIA	AO	A	O	C	M-141-1	E-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RCDT TO AUTO GAS ANALYZER CONTAINMENT ISOL VALVE															
2RE9159B	2	A	0.75	DIA	AO	A	C	C	M-141-1	E-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RCDT TO AUTO GAS ANALYZER CONTAINMENT ISOL VALVE															
2RE9160A	2	A	1	DIA	AO	A	O	C	M-141-1	E-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RCDT TO WASTE GAS COMPRESSOR CONTAINMENT ISOL VLV															
2RE9160B	2	A	1	DIA	AO	A	O	C	M-141-1	E-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RCDT TO WASTE GAS COMPRESSOR CONTAINMENT ISOL VLV															
2RE9170	2	A	3	DIA	AO	A	O	C	M-141-1	C-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RCDT PUMPS DISCHARGE CONTAINMENT ISOLATION VALVE															

Reactor & Containment Floor Drains (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.
1RF026	2	A	2	PLG	AO	A	O	C	M-48-6B	E-2	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RF PUMPS DISCHARGE CONTAINMENT ISOLATION VLV															
1RF027	2	A	2	PLG	AO	A	O	C	M-48-6A	E-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RF PUMPS DISCHARGE CONTAINMENT ISOLATION VLV															
1RF055	2	AC	.75x1.0	RV	SA	A	C	O/C	M-48-6B	F-1	LT	AJ			
											RT	Y10			
Valve Name RF PUMPS DISCHARGE RELIEF VLV															
2RF026	2	A	2	PLG	AO	A	O	C	M-48-6B	D-2	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RF PUMPS DISCHARGE CONTAINMENT ISOLATION VLV															
2RF027	2	A	2	PLG	AO	A	O	C	M-48-6A	B-7	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name RF PUMPS DISCHARGE CONTAINMENT ISOLATION VLV															
2RF055	2	AC	.75x1.0	RV	SA	A	C	O/C	M-48-6B		LT	AJ			
											RT	Y10			
Valve Name RF PUMPS DISCHARGE RELIEF VLV															

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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.
1RH610	2	B	3	GA	MO	A	O	O/C	M-62	F-4	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RHR PUMP MINIFLOW VALVE															
1RH611	2	B	3	GA	MO	A	O	O/C	M-62	A-4	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RHR PUMP MINIFLOW VALVE															
1RH8701A	1	A	12	GA	MO	A	C	C	M-62	E-2	LT	CS		CS-15	
											PI	Y2			VA-4
											SC	CS		CS-5	VA-1
Valve Name MOV A RH PP SUCT FROM A HL DWST ISOL VLV															
1RH8701B	1	A	12	GA	MO	A	C	C	M-62	E-1	LT	CS		CS-15	
											PI	Y2			VA-4
											SC	CS		CS-5	VA-1
Valve Name MOV A RH PP SUCT FROM A HL UPST ISOL VLV															
1RH8702A	1	A	12	GA	MO	A	C	C	M-62	D-2	LT	CS		CS-15	
											PI	Y2			VA-4
											SC	CS		CS-5	VA-1
Valve Name MOV B RH PP SUCT FROM C HL DWST ISOL VLV															
1RH8702B	1	A	12	GA	MO	A	C	C	M-62	D-1	LT	CS		CS-15	
											PI	Y2			VA-4
											SC	CS		CS-5	VA-1
Valve Name MOV B RH PP SUCT FROM C HL UPST ISOL VLV															
1RH8705A	2	AC	0.75	CK	SA	A	SYS	O/C	M-62	D-1	CC	CS		CS-15	
											CO	RR		RJ-9	
											LT	Y2			
Valve Name RH SUCTION ISOLATION CHECK VALVE															
1RH8705B	2	AC	0.75	CK	SA	A	SYS	O/C	M-62	C-1	CC	CS		CS-15	
											CO	RR		RJ-9	
											LT	Y2			
Valve Name RH SUCTION ISOLATION CHECK VALVE															
1RH8708A	2	C	3.0 x 4.0	RV	SA	A	C	O/C	M-62	E-2	RT	Y10			
Valve Name RH PP SUCT HDR RLF VLV															
1RH8708B	2	C	3.0 x 4.0	RV	SA	A	C	O/C	M-62	D-2	RT	Y10			
Valve Name RH PP SUCT HDR RLF VLV															

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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.
1RH8716A	2	B	8	GA	MO	A	O	O/C	M-62	D-8	PI	Y2			VA-4
											SC	CS		CS-18	VA-1
											SO	CS		CS-18	VA-1
Valve Name RHR PUMP DISCHARGE CROSSOVER ISOLATION VALVE															
1RH8716B	2	B	8	GA	MO	A	O	O/C	M-62	C-8	PI	Y2			VA-4
											SC	CS		CS-18	VA-1
											SO	CS		CS-18	VA-1
Valve Name RHR PUMP DISCHARGE CROSSOVER ISOLATION VALVE															
1RH8730A	2	C	8	CK	SA	A	C	O/C	M-62	E-4	CC	CS		CS-7	
											CO	CS		CS-7	
Valve Name RH PP RH01PA/B DSCH CHK VLV															
1RH8730B	2	C	8	CK	SA	A	C	O/C	M-62	C-4	CC	CS		CS-7	
											CO	CS		CS-7	
Valve Name RH PP RH01PA/B DSCH CHK VLV															
2RH610	2	B	3	GA	MO	A	O	O/C	M-137	F-4	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RHR PUMP MINIFLOW VALVE															
2RH611	2	B	3	GA	MO	A	O	O/C	M-137	B-4	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RHR PUMP MINIFLOW VALVE															
2RH8701A	1	A	12	GA	MO	A	C	C	M-137	E-7	LT	CS		CS-15	
											PI	Y2			VA-4
											SC	CS		CS-5	VA-1
Valve Name MOV A RH PP SUCT FROM A HL DWST ISOL VLV															
2RH8701B	1	A	12	GA	MO	A	C	C	M-137	E-8	LT	CS		CS-15	
											PI	Y2			VA-4
											SC	CS		CS-5	VA-1
Valve Name MOV A RH PP SUCT FROM A HL UPST ISOL VLV															
2RH8702A	1	A	12	GA	MO	A	C	C	M-137	D-7	LT	CS		CS-15	
											PI	Y2			VA-4
											SC	CS		CS-5	VA-1
Valve Name MOV B RH PP SUCT FROM C HL DWST ISOL VLV															
2RH8702B	1	A	12	GA	MO	A	C	C	M-137	D-8	LT	CS		CS-15	
											PI	Y2			VA-4
											SC	CS		CS-5	VA-1
Valve Name MOV B RH PP SUCT FROM C HL UPST ISOL VLV															

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Residual Heat Removal (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.
2RH8705A	2	AC	0.75	CK	SA	A	SYS	O/C	M-137	D-8	CC CO LT	CS RR Y2		CS-15 RJ-9	
Valve Name RH SUCTION ISOLATION CHECK VALVE															
2RH8705B	2	AC	0.75	CK	SA	A	SYS	O/C	M-137	C-8	CC CO LT	CS RR Y2		CS-15 RJ-9	
Valve Name RH SUCTION ISOLATION CHECK VALVE															
2RH8708A	2	C	3.0 x 4.0	RV	SA	A	C	O/C	M-137	E-7	RT	Y10			
Valve Name RH PP SUCT HDR RLF VLV															
2RH8708B	2	C	3.0 x 4.0	RV	SA	A	C	O/C	M-137	D-7	RT	Y10			
Valve Name RH PP SUCT HDR RLF VLV															
2RH8716A	2	B	8	GA	MO	A	O	O/C	M-137	E-1	PI SC SO	Y2 CS CS		VA-4 CS-18 CS-18	VA-1 VA-1
Valve Name RHR PUMP DISCHARGE CROSSOVER ISOLATION VALVE															
2RH8716B	2	B	8	GA	MO	A	O	O/C	M-137	C-1	PI SC SO	Y2 CS CS		VA-4 CS-18 CS-18	VA-1 VA-1
Valve Name RHR PUMP DISCHARGE CROSSOVER ISOLATION VALVE															
2RH8730A	2	C	8	CK	SA	A	C	O/C	M-137	E-5	CC CO	CS CS		CS-7 CS-7	
Valve Name RH PP RH01PA/B DSCH CHK VLV															
2RH8730B	2	C	8	CK	SA	A	C	O/C	M-137	C-5	CC CO	CS CS		CS-7 CS-7	
Valve Name RH PP RH01PA/B DSCH CHK VLV															

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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.
1SA032	2	A	1.5	GA	AO	A	O	C	M-54-2	D6	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name AOV CNMT SA SUP HDR OUTSIDE CNMT ISOL VLV															
1SA033	2	A	1.5	GA	AO	A	O	C	M-54-2	D7	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name AOV CNMT SA SUP HDR INSIDE CNMT ISOL VLV															
2SA032	2	A	1.5	GA	AO	A	O	C	M-54-2	D3	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name AOV CNMT SA SUP HDR OUTSIDE CNMT ISOL VLV															
2SA033	2	A	1.5	GA	AO	A	O	C	M-54-2	D2	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name AOV CNMT SA SUP HDR INSIDE CNMT ISOL VLV															

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Steam Generator Blowdown (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.
1SD002A	2	A	2	GL	AO	A	O	C	M-48-5A	D-8	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
1SD002B	2	A	2	GL	AO	A	O	C	M-48-5A	D-7	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
1SD002C	2	A	2	GL	AO	A	O	C	M-48-5A	D-6	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
1SD002D	2	A	2	GL	AO	A	O	C	M-48-5A	D-6	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
1SD002E	2	A	2	GL	AO	A	O	C	M-48-5A	D-5	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
1SD002F	2	A	2	GL	AO	A	O	C	M-48-5A	D-4	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
1SD002G	2	A	2	GL	AO	A	O	C	M-48-5A	D-3	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
1SD002H	2	A	2	GL	AO	A	O	C	M-48-5A	D-2	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															

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Steam Generator Blowdown (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.
1SD005A	2	A	0.375	GL	AO	A	O	C	M-68-8	F-8	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN SAMPLE VALVE															
1SD005B	2	A	0.375	GL	AO	A	O	C	M-68-8	E-8	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN SAMPLE VALVE															
1SD005C	2	A	0.375	GL	AO	A	O	C	M-68-8	F-4	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN SAMPLE VALVE															
1SD005D	2	A	0.375	GL	AO	A	O	C	M-68-8	E-4	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN SAMPLE VALVE															
1SD054A	2	B	2	GL	AO	A	O	C	M-48-5A	C-8	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															
1SD054B	2	B	2	GL	AO	A	O	C	M-48-5A	C-7	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															
1SD054C	2	B	2	GL	AO	A	O	C	M-48-5A	C-6	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															
1SD054D	2	B	2	GL	AO	A	O	C	M-48-5A	C-6	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															
1SD054E	2	B	2	GL	AO	A	O	C	M-48-5A	C-5	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															
1SD054F	2	B	2	GL	AO	A	O	C	M-48-5A	C-4	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															

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Steam Generator Blowdown (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.
1SD054G	2	B	2	GL	AO	A	O	C	M-48-5A	C-3	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															
1SD054H	2	B	2	GL	AO	A	O	C	M-48-5A	C-2	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															
2SD002A	2	A	2	GL	AO	A	O	C	M-48-5B	C-8	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
2SD002B	2	A	2	GL	AO	A	O	C	M-48-5B	C-7	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
2SD002C	2	A	2	GL	AO	A	O	C	M-48-5B	C-6	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
2SD002D	2	A	2	GL	AO	A	O	C	M-48-5B	C-6	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
2SD002E	2	A	2	GL	AO	A	O	C	M-48-5B	C-5	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
2SD002F	2	A	2	GL	AO	A	O	C	M-48-5B	C-4	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															

Steam Generator Blowdown (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.
2SD002G	2	A	2	GL	AO	A	O	C	M-48-5B	C-3	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
2SD002H	2	A	2	GL	AO	A	O	C	M-48-5B	C-2	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN UPPER/LOWER ISOL VALVE															
2SD005A	2	A	0.375	GL	AO	A	O	C	M-48-5B	E-8	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN SAMPLE VALVE															
2SD005B	2	A	0.375	GL	AO	A	O	C	M-48-5B	E-6	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN SAMPLE VALVE															
2SD005C	2	A	0.375	GL	AO	A	O	C	M-48-5B	E-5	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN SAMPLE VALVE															
2SD005D	2	A	0.375	GL	AO	A	O	C	M-48-5B	E-3	FC	M3			VA-2
											LT	Y2			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name STEAM GENERATOR BLOWDOWN SAMPLE VALVE															
2SD054B	2	B	2	GL	AO	A	O	C	M-48-5B	D-7	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															
2SD054D	2	B	2	GL	AO	A	O	C	M-48-5B	D-6	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															
2SD054F	2	B	2	GL	AO	A	O	C	M-48-5B	D-4	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1
Valve Name STEAM GENERATOR BLOWDOWN ISOLATION															

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Steam Generator Blowdown (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.
2SD054H	2	B	2	GL	AO	A	O	C	M-48-5B	D-2	FC	CS		CS-23	VA-2
											SC	CS		CS-23	VA-1

Valve Name STEAM GENERATOR BLOWDOWN ISOLATION

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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.
1SI121A	2	C	0.75x1.0	RV	SA	A	C	O	M-61-4	C-4	RT	Y10			
Valve Name CONTAINMENT SUMP ISOLATION VALVE RELIEF VALVE															
1SI121B	2	C	0.75x1.0	RV	SA	A	C	O	M-61-4	B-4	RT	Y10			
Valve Name CONTAINMENT SUMP ISOLATION VALVE RELIEF VALVE															
1SI8801A	2	B	4.000	GA	MO	A	C	O/C	M-61-2	D-3	PI	Y2			VA-4
											SC	CS		CS-12	VA-1
											SO	CS		CS-12	VA-1
Valve Name CHARGING TO COLD LEG INJECTION MOV															
1SI8801B	2	B	4.000	GA	MO	A	C	O/C	M-61-2	C-3	PI	Y2			VA-4
											SC	CS		CS-12	VA-1
											SO	CS		CS-12	VA-1
Valve Name CHARGING TO COLD LEG INJECTION MOV															
1SI8802A	2	B	4	GA	MO	A	C	O/C	M-61-3	E-3	PI	Y2			VA-4
											SC	CS		CS-13	VA-1
											SO	CS		CS-13	VA-1
Valve Name MOV SI PP DSCH OUTSIDE CNMT ISOL VLV															
1SI8802B	2	B	4	GA	MO	A	C	O/C	M-61-3	D-3	PI	Y2			VA-4
											SC	CS		CS-13	VA-1
											SO	CS		CS-13	VA-1
Valve Name MOV SI PP DSCH OUTSIDE CNMT ISOL VLV															
1SI8804B	2	B	8	GA	MO	A	C	O/C	M-61-1A	C-4	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name RH HX TO SI PUMP SUCTION ISOLATION VALVE															
1SI8806	2	B	8	GA	MO	A	O	O/C	M-61-1A	D-2	PI	Y2			VA-4, 6
											SC	CS		CS-13	VA-1
Valve Name MOV RWST TO SI PPS SUCT HDR ISOL VLV															
1SI8807A	2	B	6.000	GA	MO	A	C	O/C	M-61-1A	E-2	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name MOV SI TO CV PPS SUCT HDR XTIE ISOL VL															
1SI8807B	2	B	6.000	GA	MO	A	C	O/C	M-61-1A	E-2	PI	Y2			VA-4
											SO	M3			VA-1
Valve Name MOV SI TO CV PPS SUCT HDR XTIE ISOL VL															
1SI8808A	1	B	10	GA	MO	A	O	O/C	M-61-5	C-6	PI	Y2			VA-4, 6
											SC	CS		CS-21	VA-1
Valve Name ACCUMULATOR DISCHARGE ISOLATION VALVE - MOV															
1SI8808B	1	B	10	GA	MO	A	O	O/C	M-61-5	C-3	PI	Y2			VA-4, 6
											SC	CS		CS-21	VA-1
Valve Name ACCUMULATOR DISCHARGE ISOLATION VALVE - MOV															

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Safety 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.
1SI8808C	1	B	10	GA	MO	A	O	O/C	M-61-6	C-7	PI SC	Y2 CS		CS-21	VA-4, 6 VA-1
Valve Name ACCUMULATOR DISCHARGE ISOLATION VALVE - MOV															
1SI8808D	1	B	10	GA	MO	A	O	O/C	M-61-6	C-4	PI SC	Y2 CS		CS-21	VA-4, 6 VA-1
Valve Name ACCUMULATOR DISCHARGE ISOLATION VALVE - MOV															
1SI8809A	2	B	8	GA	MO	A	O	O/C	M-61-4	E-4	PI SC SO	Y2 CS CS		CS-13 CS-13	VA-4 VA-1 VA-1
Valve Name MOV RH HX SI OUTLET DWST ISOL VLV															
1SI8809B	2	B	8	GA	MO	A	O	O/C	M-61-4	D-4	PI SC SO	Y2 CS CS		CS-13 CS-13	VA-4 VA-1 VA-1
Valve Name MOV RH HX SI OUTLET DWST ISOL VLV															
1SI8811A	2	B	24	GA	MO	A	C	O/C	M-61-4	C-5	PI SC SO	Y2 RR RR		RJ-4 RJ-4	VA-4 VA-1 VA-1
Valve Name MOV CNMT RECIRC SUMP OUTLET ISOL VLV															
1SI8811B	2	B	24	GA	MO	A	C	O/C	M-61-4	A-5	PI SC SO	Y2 RR RR		RJ-4 RJ-4	VA-4 VA-1 VA-1
Valve Name MOV CNMT RECIRC SUMP OUTLET ISOL VLV															
1SI8812A	2	B	12	GA	MO	A	O	O/C	M-61-4	D-4	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name MOV RH PP RWST SUCT ISOL VLV															
1SI8812B	2	B	12	GA	MO	A	O	O/C	M-61-4	A-4	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name MOV RH PP RWST SUCT ISOL VLV															
1SI8813	2	B	2	GL	MO	A	O	O/C	M-61-1B	D-7	PI SC	Y2 CS		CS-13	VA-4, 6 VA-1
Valve Name SAFETY INJECTION PUMP MIN FLOW ISOLATION VALVE															
1SI8814	2	B	1.5	GL	MO	A	O	O/C	M-61-1A	F-6	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name SI PUMP MINIMUM FLOW ISOLATION VALVE															
1SI8815	1	AC	3	CK	SA	A	SYS	O/C	M-61-2	D-5	CC CO LT	CS RR Y2		CS-15 RJ-7	
Valve Name COLD LEG HDR SI SUP CHK VLV															

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Safety 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.
1SI8818A	1	AC	6.000	CK	SA	A	C	O/C	M-61-4	F-7	CC	CS		CS-15	
											CO	CS		CS-8	
											LT	Y2			
Valve Name LOOP _ COLD LEG ACCUM INJ CHK VLV															
1SI8818B	1	AC	6.000	CK	SA	A	C	O/C	M-61-4	D-7	CC	CS		CS-15	
											CO	CS		CS-8	
											LT	Y2			
Valve Name LOOP _ COLD LEG ACCUM INJ CHK VLV															
1SI8818C	1	AC	6.000	CK	SA	A	C	O/C	M-61-4	D-7	CC	CS		CS-15	
											CO	CS		CS-8	
											LT	Y2			
Valve Name LOOP _ COLD LEG ACCUM INJ CHK VLV															
1SI8818D	1	AC	6.000	CK	SA	A	C	O/C	M-61-4	E-7	CC	CS		CS-15	
											CO	CS		CS-8	
											LT	Y2			
Valve Name LOOP _ COLD LEG ACCUM INJ CHK VLV															
1SI8819A	1	AC	2	CK	SA	A	SYS	O/C	M-61-3	A-5	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP 1 COLD LEG SI CHK VLV															
1SI8819B	1	AC	2	CK	SA	A	SYS	O/C	M-61-3	A-7	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP 2 COLD LEG SI CHK VLV															
1SI8819C	1	AC	2	CK	SA	A	SYS	O/C	M-61-3	A-7	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP 3 COLD LEG SI CHK VLV															
1SI8819D	1	AC	2	CK	SA	A	SYS	O/C	M-61-3	A-6	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP 4 COLD LEG SI CHK VLV															
1SI8821A	2	B	4	GA	MO	A	O	O/C	M-61-3	D-3	PI	Y2		VA-4	
											SC	M3		VA-1	
											SO	M3		VA-1	
Valve Name MOV SI PP DSCH XTIE TO CL ISOL VLV															
1SI8821B	2	B	4	GA	MO	A	O	O/C	M-61-3	D-3	PI	Y2		VA-4	
											SC	M3		VA-1	
											SO	M3		VA-1	
Valve Name MOV SI PP DSCH XTIE TO CL ISOL VLV															

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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.
1SI8835	2	B	4	GA	MO	A	O	O/C	M-61-3	C-4	PI	Y2			VA-4
											SC	CS			VA-1
											SO	CS		CS-13	VA-1
Valve Name MOV SI PPS DSCH XTIE TO CL ISOL VLV															
1SI8840	2	B	12	GA	MO	A	C	O/C	M-61-3	B-4	PI	Y2			VA-4
											SC	CS		CS-13	VA-1
											SO	CS			VA-1
Valve Name MOV RH HXS TO 1A/1C LOOP HL ISOL VLV															
1SI8841A	1	AC	8	CK	SA	A	SYS	O/C	M-61-3	E-5	CC	CS		CS-15	
											CO	RR		RJ-8	
											LT	Y2			
Valve Name RHR HOT LEG INJECTION 1ST CHECK VALVE															
1SI8841B	1	AC	8	CK	SA	A	SYS	O/C	M-61-3	C-7	CC	CS		CS-15	
											CO	RR		RJ-8	
											LT	Y2			
Valve Name RHR HOT LEG INJECTION 1ST CHECK VALVE															
1SI8842	2	C	0.75x1.0	RV	SA	A	C	O/C	M-61-3	B-3	RT	Y10			
Valve Name RHR HX OUTLET RELIEF VALVE															
1SI8851	2	C	0.75x1.0	RV	SA	A	C	O/C	M-61-3	C-4	RT	Y10			
Valve Name SI TO COLD LEG RELIEF VALVE															
1SI8853A	2	C	0.75x1.0	RV	SA	A	C	O/C	M-61-3	F-3	RT	Y10			
Valve Name SI PUMP DISCHARGE RELIEF VALVE TO HOT LEG															
1SI8853B	2	C	0.75x1.0	RV	SA	A	C	O/C	M-61-3	B-3	RT	Y10			
Valve Name SI PUMP DISCHARGE RELIEF VALVE TO HOT LEG															
1SI8855A	2	C	1.0x2.0	RV	SA	A	C	O/C	M-61-5	E-6	RT	Y10			
Valve Name ACCUMULATOR RELIEF VALVE															
1SI8855B	2	C	1.0x2.0	RV	SA	A	C	O/C	M-61-5	E-3	RT	Y10			
Valve Name ACCUMULATOR RELIEF VALVE															
1SI8855C	2	C	1.0x2.0	RV	SA	A	C	O/C	M-61-6	E-7	RT	Y10			
Valve Name ACCUMULATOR RELIEF VALVE															
1SI8855D	2	C	1.0x2.0	RV	SA	A	C	O/C	M-61-6	E-4	RT	Y10			
Valve Name ACCUMULATOR RELIEF VALVE															
1SI8856A	2	C	2.0x3.0	RV	SA	A	C	O/C	M-61-4	F-3	RT	Y10			
Valve Name RHR HX OUTLET HEADER RELIEF VALVE															
1SI8856B	2	C	2.0x3.0	RV	SA	A	C	O/C	M-61-4	E-3	RT	Y10			
Valve Name RHR HX OUTLET HEADER RELIEF VALVE															
1SI8858	2	C	1.0x0.75	RV	SA	A	C	O/C	M-61-1A	E-3	RT	Y10			
Valve Name SAFETY INJECTION SUCTION 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.
1SI8871	2	A	0.750	GL	AO	A	C	C	M-61-6	A-3	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name AOV ACCUM FILL/TEST INSIDE CNMT ISOL VLV															
1SI8875A	2	N/A	1.000	GL	AO	P	C	C	M-61-5	E-6	PI	Y2			VA-4
Valve Name SAFETY INJECTION TANK N2 SUPPLY/VENT ISO VALVE															
1SI8875B	2	N/A	1.000	GL	AO	P	C	C	M-61-5	E-3	PI	Y2			VA-4
Valve Name SAFETY INJECTION TANK N2 SUPPLY/VENT ISO VALVE															
1SI8875C	2	N/A	1.000	GL	AO	P	C	C	M-61-6	E-7	PI	Y2			VA-4
Valve Name SAFETY INJECTION TANK N2 SUPPLY/VENT ISO VALVE															
1SI8875D	2	N/A	1.000	GL	AO	P	C	C	M-61-6	E-4	PI	Y2			VA-4
Valve Name SAFETY INJECTION TANK N2 SUPPLY/VENT ISO VALVE															
1SI8877A	2	N/A	0.750	GL	AO	P	C	C	M-61-5	B-6	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
1SI8877B	2	N/A	0.750	GL	AO	P	C	C	M-61-5	B-3	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
1SI8877C	2	N/A	0.750	GL	AO	P	C	C	M-61-6	B-7	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
1SI8877D	2	N/A	0.750	GL	AO	P	C	C	M-61-6	B-4	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
1SI8878A	1	N/A	1.000	GL	AO	P	C	C	M-61-5	C-5	PI	Y2			VA-4
Valve Name SI ACCUMULATOR FILL LINE ISOLATION VALVE															
1SI8878B	1	N/A	1.000	GL	AO	P	C	C	M-61-5	C-3	PI	Y2			VA-4
Valve Name SI ACCUMULATOR FILL LINE ISOLATION VALVE															
1SI8878C	1	N/A	1.000	GL	AO	P	C	C	M-61-6	C-6	PI	Y2			VA-4
Valve Name SI ACCUMULATOR FILL LINE ISOLATION VALVE															
1SI8878D	1	N/A	1.000	GL	AO	P	C	C	M-61-6	C-4	PI	Y2			VA-4
Valve Name SI ACCUMULATOR FILL LINE ISOLATION VALVE															
1SI8879A	2	N/A	0.750	GL	AO	P	C	C	M-61-5	A-6	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
1SI8879B	2	N/A	0.750	GL	AO	P	C	C	M-61-5	A-3	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
1SI8879C	2	N/A	0.750	GL	AO	P	C	C	M-61-6	A-7	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
1SI8879D	2	N/A	0.750	GL	AO	P	C	C	M-61-6	A-4	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION 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.
1SI8880	2	A	1.000	GL	AO	A	C	C	M-61-6	F-3	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name AOV ACCUM N2 SUP OUTSIDE CNMT ISOL VLV															
1SI8888	2	A	0.75	GL	AO	A	C	C	M-61-3	E-3	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name AOV SI PPS TO ACCUM FILL OUTSIDE CNMT ISO															
1SI8900A	1	AC	1.5	CK	SA	A	C	O/C	M-61-2	F-7	CC	CS		CS-15	
											CO	RR		RJ-7	
											LT	Y2			
Valve Name LOOP COLD LEG SI SUP CHK VLV															
1SI8900B	1	AC	1.5	CK	SA	A	C	O/C	M-61-2	D-7	CC	CS		CS-15	
											CO	RR		RJ-7	
											LT	Y2			
Valve Name LOOP COLD LEG SI SUP CHK VLV															
1SI8900C	1	AC	1.5	CK	SA	A	C	O/C	M-61-2	C-7	CC	CS		CS-15	
											CO	RR		RJ-7	
											LT	Y2			
Valve Name LOOP COLD LEG SI SUP CHK VLV															
1SI8900D	1	AC	1.5	CK	SA	A	C	O/C	M-61-2	B-7	CC	CS		CS-15	
											CO	RR		RJ-7	
											LT	Y2			
Valve Name LOOP COLD LEG SI SUP CHK VLV															
1SI8905A	1	AC	2	CK	SA	A	SYS	O/C	M-61-3	E-4	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP HOT LEG SI CHK VLV															
1SI8905B	1	AC	2	CK	SA	A	SYS	O/C	M-61-3	D-7	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP HOT LEG SI CHK VLV															
1SI8905C	1	AC	2	CK	SA	A	SYS	O/C	M-61-3	C-7	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP HOT LEG SI CHK VLV															

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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.
1SI8905D	1	AC	2	CK	SA	A	SYS	O/C	M-61-3	E-4	CC CO LT	CS RR Y2		CS-15 RJ-6	
Valve Name LOOP HOT LEG SI CHK VLV															
1SI8919A	2	C	1.500	CK	SA	A	SYS	O	M-61-1A	F-7	CC CO	M3 M3			
Valve Name SAFETY INJECTION PUMP MINIMUM FLOW CHECK VALVE															
1SI8919B	2	C	1.500	CK	SA	A	SYS	O	M-61-1A	E-6	CC CO	M3 M3			
Valve Name SAFETY INJECTION PUMP MINIMUM FLOW CHECK VALVE															
1SI8920	2	B	1.5	GL	MO	A	O	O/C	M-61-1A	E-6	PI SC	Y2 M3			VA-4, 6 VA-1
Valve Name SI PUMP MINIMUM FLOW ISOLATION VALVE															
1SI8922A	2	C	4.000	CK	SA	A	SYS	O/C	M-61-1A	E-7	CC CO	M3 RR		RJ-6	
Valve Name SAFETY INJECTION PUMP DISCHARGE CHECK VALVE															
1SI8922B	2	C	4.000	CK	SA	A	SYS	O/C	M-61-1A	C-6	CC CO	M3 RR		RJ-6	
Valve Name SAFETY INJECTION PUMP DISCHARGE CHECK VALVE															
1SI8923A	2	B	6.000	GA	MO	P	O	O	M-61-1A	E-4	PI	Y2			VA-4
Valve Name SI PUMP SUCTION FROM RWST ISOLATION VALVE															
1SI8923B	2	B	6.000	GA	MO	P	O	O	M-61-1A	C-3	PI	Y2			VA-4
Valve Name SI PUMP SUCTION FROM RWST ISOLATION VALVE															
1SI8924	2	B	6	GA	MO	A	O	O	M-61-1A	F-2	PI SO	Y2 M3			VA-4 VA-1
Valve Name MOV SI/CV PPS SUCT HDR XTIE ISOL VLV															
1SI8926	2	C	8	CK	SA	A	SYS	O/C	M-61-1A	D-2	CCU COF	CM CM			CW00-02 CW00-02
Valve Name SI PPS SUCT CHK VLV															
1SI8948A	1	AC	10	CK	SA	A	C	O/C	M-61-5	B-8	CC COA LT	CM CM Y2			CW00-02 CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 2ND CHK VLV															
1SI8948B	1	AC	10	CK	SA	A	C	O/C	M-61-5	B-5	CC COA LT	CM CM Y2			CW00-02 CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 2ND CHK VLV															

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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.
1SI8948C	1	AC	10	CK	SA	A	C	O/C	M-61-6	B-8	CC	CM			CW00-02
											COA	CM			CW00-02
											LT	Y2			
Valve Name ACCUM OUTLET TO RC LOOP 2ND CHK VLV															
1SI8948D	1	AC	10	CK	SA	A	C	O/C	M-61-6	B-5	CC	CM			CW00-02
											COA	CM			CW00-02
											LT	Y2			
Valve Name ACCUM OUTLET TO RC LOOP 2ND CHK VLV															
1SI8949A	1	AC	6	CK	SA	A	SYS	O/C	M-61-3	E-8	CC	CS		CS-15	
											CO	RR		RJ-8	
											LT	Y2			
Valve Name HOT LEG RECIRCULATION CHECK VALVE															
1SI8949B	1	AC	6	CK	SA	A	C	O/C	M-61-3	D-8	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name HOT LEG RECIRCULATION CHECK VALVE															
1SI8949C	1	AC	6	CK	SA	A	SYS	O/C	M-61-3	C-8	CC	CS		CS-15	
											CO	RR		RJ-8	
											LT	Y2			
Valve Name HOT LEG RECIRCULATION CHECK VALVE															
1SI8949D	1	AC	6	CK	SA	A	C	O/C	M-61-3	E-8	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name HOT LEG RECIRCULATION CHECK VALVE															
1SI8956A	1	AC	10.000	CK	SA	A	SYS	O/C	M-61-5	B-7	CC	CM			CW00-02
											COA	CM			CW00-02
											LT	Y2			
Valve Name ACCUM OUTLET TO RC LOOP 1ST CHK VLV															
1SI8956B	1	AC	10.000	CK	SA	A	SYS	O/C	M-61-5	B-4	CC	CM			CW00-02
											COA	CM			CW00-02
											LT	Y2			
Valve Name ACCUM OUTLET TO RC LOOP 1ST CHK VLV															
1SI8956C	1	AC	10.000	CK	SA	A	SYS	O/C	M-61-6	B-7	CC	CM			CW00-02
											COA	CM			CW00-02
											LT	Y2			
Valve Name ACCUM OUTLET TO RC LOOP 1ST CHK VLV															
1SI8956D	1	AC	10.000	CK	SA	A	SYS	O/C	M-61-6	B-5	CC	CM			CW00-02
											COA	CM			CW00-02
											LT	Y2			
Valve Name ACCUM OUTLET TO RC LOOP 1ST CHK VLV															

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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.
1SI8958A	2	C	12	CK	SA	A	SYS	O/C	M-61-4	D-4	CC	M3			
											CO	CS		CS-8	
Valve Name RH PP SUCT CHK VLV															
1SI8958B	2	C	12	CK	SA	A	SYS	O/C	M-61-4	B-4	CC	M3			
											CO	CS		CS-8	
Valve Name RH PP SUCT CHK VLV															
1SI8964	2	A	0.750	GL	AO	A	C	C	M-61-6	D-3	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name AOV ACCUM FILL/TEST TO RWST/RECY HUTS ISO															
1SI8968	2	AC	1	CK	SA	A	SYS	C	M-61-6	F-4	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name N2 SUP INSIDE CNMT CHK VLV															
2SI121A	2	C	0.75x1.0	RV	SA	A	C	O	M-136-4	C-6	RT	Y10			
Valve Name CONTAINMENT SUMP ISOLATION VALVE RELIEF VALVE															
2SI121B	2	C	0.75x1.0	RV	SA	A	C	O	M-136-4	A-6	RT	Y10			
Valve Name CONTAINMENT SUMP ISOLATION VALVE RELIEF VALVE															
2SI8801A	2	B	4.000	GA	MO	A	C	O/C	M-136-2	D-6	PI	Y2			VA-4
											SC	CS		CS-12	VA-1
											SO	CS		CS-12	VA-1
Valve Name CHARGING TO COLD LEG INJECTION MOV															
2SI8801B	2	B	4.000	GA	MO	A	C	O/C	M-136-2	C-6	PI	Y2			VA-4
											SC	CS		CS-12	VA-1
											SO	CS		CS-12	VA-1
Valve Name CHARGING TO COLD LEG INJECTION MOV															
2SI8802A	2	B	4	GA	MO	A	C	O/C	M-136-3	E-6	PI	Y2			VA-4
											SC	CS		CS-13	VA-1
											SO	CS		CS-13	VA-1
Valve Name MOV SI PP DSCH OUTSIDE CNMT ISOL VLV															
2SI8802B	2	B	4	GA	MO	A	C	O/C	M-136-3	D-6	PI	Y2			VA-4
											SC	CS		CS-13	VA-1
											SO	CS		CS-13	VA-1
Valve Name MOV SI PP DSCH OUTSIDE CNMT ISOL VLV															
2SI8804B	2	B	8	GA	MO	A	C	O/C	M-136-1	B-5	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name MOV B RH HX TO B SI PP SUCT HDR ISOL VLV															

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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.
2SI8806	2	B	8	GA	MO	A	O	O/C	M-136-1	C-6	PI	Y2			VA-4, 6
											SC	CS		CS-13	VA-1
Valve Name MOV RWST TO SI PPS SUCT HDR ISOL VLV															
2SI8807A	2	B	6.000	GA	MO	A	C	O/C	M-136-1	D-5	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name MOV SI TO CV PPS SUCT HDR XTIE ISOL VL															
2SI8807B	2	B	6.000	GA	MO	A	C	O/C	M-136-1	D-6	PI	Y2			VA-4, 6
											SO	M3			VA-1
Valve Name MOV SI TO CV PPS SUCT HDR XTIE ISOL VL															
2SI8808A	1	B	10	GA	MO	A	O	O/C	M-136-5	C-3	PI	Y2			VA-4, 6
											SC	CS		CS-21	VA-1
Valve Name ACCUMULATOR DISCHARGE ISOLATION VALVE - MOV															
2SI8808B	1	B	10	GA	MO	A	O	O/C	M-136-5	C-6	PI	Y2			VA-4, 6
											SC	CS		CS-21	VA-1
Valve Name ACCUMULATOR DISCHARGE ISOLATION VALVE - MOV															
2SI8808C	1	B	10	GA	MO	A	O	O/C	M-136-6	D-2	PI	Y2			VA-4, 6
											SC	CS		CS-21	VA-1
Valve Name ACCUMULATOR DISCHARGE ISOLATION VALVE - MOV															
2SI8808D	1	B	10	GA	MO	A	O	O/C	M-136-6	D-5	PI	Y2			VA-4, 6
											SC	CS		CS-21	VA-1
Valve Name ACCUMULATOR DISCHARGE ISOLATION VALVE - MOV															
2SI8809A	2	B	8	GA	MO	A	O	O/C	M-136-4	E-5	PI	Y2			VA-4
											SC	CS		CS-13	VA-1
											SO	CS		CS-13	VA-1
Valve Name MOV RH HX SI OUTLET DWST ISOL VLV															
2SI8809B	2	B	8	GA	MO	A	O	O/C	M-136-4	D-5	PI	Y2			VA-4
											SC	CS		CS-13	VA-1
											SO	CS		CS-13	VA-1
Valve Name MOV RH HX SI OUTLET DWST ISOL VLV															
2SI8811A	2	B	24	GA	MO	A	C	O/C	M-136-4	C-5	PI	Y2			VA-4
											SC	RR		RJ-4	VA-1
											SO	RR		RJ-4	VA-1
Valve Name MOV CNMT RECIRC SUMP OUTLET ISOL VLV															
2SI8811B	2	B	24	GA	MO	A	C	O/C	M-136-4	A-5	PI	Y2			VA-4
											SC	RR		RJ-4	VA-1
											SO	RR		RJ-4	VA-1
Valve Name MOV CNMT RECIRC SUMP OUTLET ISOL VLV															

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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.
2SI8812A	2	B	12	GA	MO	A	O	O/C	M-136-4	D-7	PI	Y2			VA-4, 6 VA-1
Valve Name MOV RH PP RWST SUCT ISOL VLV															
2SI8812B	2	B	12	GA	MO	A	O	O/C	M-136-4	B-7	PI	Y2			VA-4, 6 VA-1
Valve Name MOV RH PP RWST SUCT ISOL VLV															
2SI8813	2	B	2	GL	MO	A	O	O/C	M-136-1	E-4	PI	Y2			VA-4, 6 VA-1
Valve Name SAFETY INJECTION PUMP MIN FLOW ISOLATION VALVE															
2SI8814	2	B	1.5	GL	MO	A	O	O/C	M-136-1	D-4	PI	Y2			VA-4, 6 VA-1
Valve Name SI PUMP MINIMUM FLOW ISOLATION VALVE															
2SI8815	1	AC	3	CK	SA	A	SYS	O/C	M-136-2	D-4	CC	CS		CS-15	
Valve Name COLD LEG HDR SI SUP CHK VLV															
2SI8818A	1	AC	6.000	CK	SA	A	C	O/C	M-136-4	F-2	CC	CS		CS-15	
Valve Name LOOP _ COLD LEG ACCUM INJ CHK VLV															
2SI8818B	1	AC	6.000	CK	SA	A	C	O/C	M-136-4	D-2	CC	CS		CS-15	
Valve Name LOOP _ COLD LEG ACCUM INJ CHK VLV															
2SI8818C	1	AC	6.000	CK	SA	A	C	O/C	M-136-4	E-2	CC	CS		CS-15	
Valve Name LOOP _ COLD LEG ACCUM INJ CHK VLV															
2SI8818D	1	AC	6.000	CK	SA	A	C	O/C	M-136-4	E-2	CC	CS		CS-15	
Valve Name LOOP _ COLD LEG ACCUM INJ CHK VLV															
2SI8819A	1	AC	2	CK	SA	A	SYS	O/C	M-136-3	B-4	CC	CS		CS-15	
Valve Name LOOP _ COLD LEG SI CHK VLV															

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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.
2SI8819B	1	AC	2	CK	SA	A	SYS	O/C	M-136-3	B-2	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP _ COLD LEG SI CHK VLV															
2SI8819C	1	AC	2	CK	SA	A	SYS	O/C	M-136-3	B-2	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP _ COLD LEG SI CHK VLV															
2SI8819D	1	AC	2	CK	SA	A	SYS	O/C	M-136-3	B-3	CC	CS		CS-15	
											CO	RR		RJ-6	
											LT	Y2			
Valve Name LOOP _ COLD LEG SI CHK VLV															
2SI8821A	2	B	4	GA	MO	A	O	O/C	M-136-3	D-6	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name MOV SI PP DSCH XTIE TO CL ISOL VLV															
2SI8821B	2	B	4	GA	MO	A	O	O/C	M-136-3	D-6	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name MOV SI PP DSCH XTIE TO CL ISOL VLV															
2SI8835	2	B	4	GA	MO	A	O	O/C	M-136-3	C-5	PI	Y2			VA-4
											SC	CS		CS-13	VA-1
											SO	CS		CS-13	VA-1
Valve Name MOV SI PPS DSCH XTIE TO CL ISOL VLV															
2SI8840	2	B	12	GA	MO	A	C	O/C	M-136-3	A-5	PI	Y2			VA-4
											SC	CS		CS-13	VA-1
											SO	CS		CS-13	VA-1
Valve Name MOV RH HXS TO 1A/1C LOOP HL ISOL VLV															
2SI8841A	1	AC	8	CK	SA	A	SYS	O/C	M-136-3	E-4	CC	CS		CS-15	
											CO	RR		RJ-8	
											LT	Y2			
Valve Name RHR HOT LEG INJECTION 1ST CHECK VALVE															
2SI8841B	1	AC	8	CK	SA	A	SYS	O/C	M-136-3	C-2	CC	CS		CS-15	
											CO	RR		RJ-8	
											LT	Y2			
Valve Name RHR HOT LEG INJECTION 1ST CHECK VALVE															
2SI8842	2	C	0.75x1.0	RV	SA	A	C	O/C	M-136-3	B-6	RT	Y10			
Valve Name RHR HX OUTLET 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.
2SI8851	2	C	0.75x1.0	RV	SA	A	C	O/C	M-136-3	C-5	RT	Y10			
Valve Name SI TO COLD LEG RELIEF VALVE															
2SI8853A	2	C	0.75x1.0	RV	SA	A	C	O/C	M-136-3	F-6	RT	Y10			
Valve Name SI PUMP DISCHARGE RELIEF VALVE TO HOT LEG															
2SI8853B	2	C	0.75x1.0	RV	SA	A	C	O/C	M-136-3	B-6	RT	Y10			
Valve Name SI PUMP DISCHARGE RELIEF VALVE TO HOT LEG															
2SI8855A	2	C	1.0x2.0	RV	SA	A	C	O/C	M-136-5	E-4	RT	Y10			
Valve Name ACCUMULATOR RELIEF VALVE															
2SI8855B	2	C	1.0x2.0	RV	SA	A	C	O/C	M-136-5	E-6	RT	Y10			
Valve Name ACCUMULATOR RELIEF VALVE															
2SI8855C	2	C	1.0x2.0	RV	SA	A	C	O/C	M-136-6	E-2	RT	Y10			
Valve Name ACCUMULATOR RELIEF VALVE															
2SI8855D	2	C	1.0x2.0	RV	SA	A	C	O/C	M-136-6	E-5	RT	Y10			
Valve Name ACCUMULATOR RELIEF VALVE															
2SI8856A	2	C	2.0x3.0	RV	SA	A	C	O/C	M-136-4	F-6	RT	Y10			
Valve Name RHR HX OUTLET HEADER RELIEF VALVE															
2SI8856B	2	C	2.0x3.0	RV	SA	A	C	O/C	M-136-4	E-6	RT	Y10			
Valve Name RHR HX OUTLET HEADER RELIEF VALVE															
2SI8858	2	C	1.0x0.75	RV	SA	A	C	O/C	M-136-1	D-5	RT	Y10			
Valve Name SAFETY INJECTION SUCTION RELIEF VALVE															
2SI8871	2	A	0.750	GL	AO	A	C	C	M-136-6	B-6	FC	M3			VA-2
Valve Name AOV ACCUM FILL/TEST INSIDE CNMT ISOL VLV															
2SI8875A	2	N/A	1.000	GL	AO	P	C	C	M-136-5	F-3	PI	Y2			VA-4
Valve Name SAFETY INJECTION TANK N2 SUPPLY/VENT ISO VALVE															
2SI8875B	2	N/A	1.000	GL	AO	P	C	C	M-136-5	F-6	PI	Y2			VA-4
Valve Name SAFETY INJECTION TANK N2 SUPPLY/VENT ISO VALVE															
2SI8875C	2	N/A	1.000	GL	AO	P	C	C	M-136-6	E-2	PI	Y2			VA-4
Valve Name SAFETY INJECTION TANK N2 SUPPLY/VENT ISO VALVE															
2SI8875D	2	N/A	1.000	GL	AO	P	C	C	M-136-6	E-5	PI	Y2			VA-4
Valve Name SAFETY INJECTION TANK N2 SUPPLY/VENT ISO VALVE															
2SI8877A	2	N/A	0.750	GL	AO	P	C	C	M-136-5	C-4	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
2SI8877B	2	N/A	0.750	GL	AO	P	C	C	M-136-5	C-6	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION 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.
2SI8877C	2	N/A	0.750	GL	AO	P	C	C	M-136-6	C-2	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
2SI8877D	2	N/A	0.750	GL	AO	P	C	C	M-136-6	C-5	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
2SI8878A	1	N/A	1.000	GL	AO	P	C	C	M-136-5	C-4	PI	Y2			VA-4
Valve Name SI ACCUMULATOR FILL LINE ISOLATION VALVE															
2SI8878B	1	N/A	1.000	GL	AO	P	C	C	M-136-5	D-7	PI	Y2			VA-4
Valve Name SI ACCUMULATOR FILL LINE ISOLATION VALVE															
2SI8878C	1	N/A	1.000	GL	AO	P	C	C	M-136-6	D-3	PI	Y2			VA-4
Valve Name SI ACCUMULATOR FILL LINE ISOLATION VALVE															
2SI8878D	1	N/A	1.000	GL	AO	P	C	C	M-136-6	D-5	PI	Y2			VA-4
Valve Name SI ACCUMULATOR FILL LINE ISOLATION VALVE															
2SI8879A	2	N/A	0.750	GL	AO	P	C	C	M-136-5	B-3	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
2SI8879B	2	N/A	0.750	GL	AO	P	C	C	M-136-5	B-6	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
2SI8879C	2	N/A	0.750	GL	AO	P	C	C	M-136-6	B-2	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
2SI8879D	2	N/A	0.750	GL	AO	P	C	C	M-136-6	B-5	PI	Y2			VA-4
Valve Name SI ACCUMULATOR TEST ISOLATION VALVE															
2SI8880	2	A	1.000	GL	AO	A	C	C	M-136-6	F-6	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name AOV ACCUM N2 SUP OUTSIDE CNMT ISOL VLV															
2SI8888	2	A	0.75	GL	AO	A	C	C	M-136-3	E-6	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name AOV SI PPS TO ACCUM FILL OUTSIDE CNMT ISO															
2SI8900A	1	AC	1.5	CK	SA	A	C	O/C	M-136-2	F-2	CC CO LT	CS RR Y2		CS-15 RJ-7	
Valve Name LOOP COLD LEG SI SUP CHK VLV															
2SI8900B	1	AC	1.5	CK	SA	A	C	O/C	M-136-2	D-2	CC CO LT	CS RR Y2		CS-15 RJ-7	
Valve Name LOOP COLD LEG SI SUP CHK VLV															

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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.
2SI8900C	1	AC	1.5	CK	SA	A	C	O/C	M-136-2	C-2	CC CO LT	CS RR Y2		CS-15 RJ-7	
Valve Name LOOP COLD LEG SI SUP CHK VLV															
2SI8900D	1	AC	1.5	CK	SA	A	C	O/C	M-136-2	B-2	CC CO LT	CS RR Y2		CS-15 RJ-7	
Valve Name LOOP COLD LEG SI SUP CHK VLV															
2SI8905A	1	AC	2	CK	SA	A	SYS	O/C	M-136-3	E-5	CC CO LT	CS RR Y2		CS-15 RJ-06	
Valve Name LOOP HOT LEG SI CHK VLV															
2SI8905B	1	AC	2	CK	SA	A	SYS	O/C	M-136-3	D-2	CC CO LT	CS RR Y2		CS-15 RJ-6	
Valve Name LOOP HOT LEG SI CHK VLV															
2SI8905C	1	AC	2	CK	SA	A	SYS	O/C	M-136-3	C-2	CC CO LT	CS RR Y2		CS-15 RJ-6	
Valve Name LOOP HOT LEG SI CHK VLV															
2SI8905D	1	AC	2	CK	SA	A	SYS	O/C	M-136-3	E-5	CC CO LT	CS RR Y2		CS-15 RJ-6	
Valve Name LOOP HOT LEG SI CHK VLV															
2SI8919A	2	C	1.500	CK	SA	A	SYS	O	M-136-1	D-4	CC CO	M3 M3			
Valve Name SAFETY INJECTION PUMP MINIMUM FLOW CHECK VALVE															
2SI8919B	2	C	1.500	CK	SA	A	SYS	O	M-136-1	C-4	CC CO	M3 M3			
Valve Name SAFETY INJECTION PUMP MINIMUM FLOW CHECK VALVE															
2SI8920	2	B	1.5	GL	MO	A	O	O/C	M-136-1	C-4	PI SC	Y2 M3		VA-4, 6 VA-1	
Valve Name MOV B SI PP DSCH RECIRC ISOL VLV															
2SI8922A	2	C	4.000	CK	SA	A	SYS	O/C	M-136-1	D-3	CC CO	M3 RR		RJ-6	
Valve Name SAFETY INJECTION PUMP DISCHARGE CHECK VALVE															
2SI8922B	2	C	4.000	CK	SA	A	SYS	O/C	M-136-1	B-3	CC CO	M3 RR		RJ-6	
Valve Name SAFETY INJECTION PUMP DISCHARGE CHECK 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.
2SI8923A	2	B	6.000	GA	MO	P	O	O	M-136-1	C-5	PI	Y2			VA-4
Valve Name SI PUMP SUCTION FROM RWST ISOLATION VALVE															
2SI8923B	2	B	6.000	GA	MO	P	O	O	M-136-1	B-5	PI	Y2			VA-4
Valve Name SI PUMP SUCTION FROM RWST ISOLATION VALVE															
2SI8924	2	B	6	GA	MO	A	O	O	M-136-1	D-6	PI	Y2			VA-4
Valve Name MOV SI/CV PPS SUCT HDR XTIE ISOL VLV															
2SI8926	2	C	8	CK	SA	A	SYS	O/C	M-136-1	C-6	CCU	CM			CW00-02
Valve Name SI PPS SUCT CHK VLV															
2SI8948A	1	AC	10	CK	SA	A	C	O/C	M-136-5	B-2	CC	CM			CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 2ND CHK VLV															
2SI8948B	1	AC	10	CK	SA	A	C	O/C	M-136-5	B-5	CC	CM			CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 2ND CHK VLV															
2SI8948C	1	AC	10	CK	SA	A	C	O/C	M-136-6	B-1	CC	CM			CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 2ND CHK VLV															
2SI8948D	1	AC	10	CK	SA	A	C	O/C	M-136-6	B-4	CC	CM			CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 2ND CHK VLV															
2SI8949A	1	AC	6	CK	SA	A	SYS	O/C	M-136-3	E-1	CC	CS			CS-15
Valve Name HOT LEG RECIRCULATION CHECK VALVE															
2SI8949B	1	AC	6	CK	SA	A	C	O/C	M-136-3	D-1	CC	CS			CS-15
Valve Name HOT LEG RECIRCULATION CHECK VALVE															
2SI8949C	1	AC	6	CK	SA	A	SYS	O/C	M-136-3	C-1	CC	CS			CS-15
Valve Name HOT LEG RECIRCULATION CHECK 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.
2SI8949D	1	AC	6	CK	SA	A	C	O/C	M-136-3	E-1	CC CO LT	CS RR Y2		CS-15 RJ-6	
Valve Name HOT LEG RECIRCULATION CHECK VALVE															
2SI8956A	1	AC	10.000	CK	SA	A	SYS	O/C	M-136-5	B-3	CC COA LT	CM CM Y2			CW00-02 CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 1ST CHK VLV															
2SI8956B	1	AC	10.000	CK	SA	A	SYS	O/C	M-136-5	B-6	CC COA LT	CM CM Y2			CW00-02 CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 1ST CHK VLV															
2SI8956C	1	AC	10.000	CK	SA	A	SYS	O/C	M-136-6	B-2	CC COA LT	CM CM Y2			CW00-02 CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 1ST CHK VLV															
2SI8956D	1	AC	10.000	CK	SA	A	SYS	O/C	M-136-6	B-4	CC COA LT	CM CM Y2			CW00-02 CW00-02
Valve Name ACCUM OUTLET TO RC LOOP 1ST CHK VLV															
2SI8958A	2	C	12	CK	SA	A	SYS	O/C	M-136-4	C-7	CC CO	M3 CS		CS-8	
Valve Name RH PP SUCT CHK VLV															
2SI8958B	2	C	12	CK	SA	A	SYS	O/C	M-136-4	B-7	CC CO	M3 CS		CS-8	
Valve Name RH PP SUCT CHK VLV															
2SI8964	2	A	0.750	GL	AO	A	C	C	M-136-6	D-6	FC LT PI SC	M3 AJ Y2 M3			VA-2 VA-4 VA-1
Valve Name AOV ACCUM FILL/TEST TO RWST/RECY HUTS ISO															
2SI8968	2	AC	1	CK	SA	A	SYS	C	M-136-6	F-5	CC CO LT	CM CM AJ			CW00-02 CW00-02
Valve Name N2 SUP INSIDE CNMT CHK VLV															

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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.
0SX007	3	B	24	BTF	MO	A	O	O	M-42-2A	D-4	PI SO	Y2 M3			VA-4 VA-1
Valve Name COMMON CCW HX OUTLET ISOLATION VALVE															
0SX028A	3	C	8	CK	SA	A	SYS	O/C	M-42-6	B-7	CC CO	M18 M3	RV-6		
Valve Name ESW MAKEUP PUMP DISCHARGE CHECK VALVE															
0SX028B	3	C	8	CK	SA	A	SYS	O/C	M-42-6	B-6	CC CO	M18 M3	RV-6		
Valve Name ESW MAKEUP PUMP DISCHARGE CHECK VALVE															
0SX143A	3	C	8	CK	SA	A	SYS	C	M-42-6	B-3	CCD CCU CO COD	CM CM CM CM			CW00-02 CW00-02 CW00-02 CW00-02
Valve Name CIRCULATING WATER MAKEUP TO CLG TOWER CHECK VALVE															
0SX143B	3	C	8	CK	SA	A	SYS	C	M-42-6	B-4	CCD CCU CO COD	CM CM CM CM			CW00-02 CW00-02 CW00-02 CW00-02
Valve Name CIRCULATING WATER MAKEUP TO CLG TOWER CHECK VALVE															
0SX146	3	B	30	BTF	MO	A	C	O	M-42-2A	D-3	PI SO	Y2 M3			VA-4 VA-1
Valve Name COMMON COMPONENT COOLING HX OUTLET ISOLATION															
0SX147	3	B	30	BTF	MO	A	C	O/C	M-42-2A	D-3	PI SO	Y2 M3			VA-4 VA-1
Valve Name COMMON COMPONENT COOLING HX OUTLET ISOLATION															
0SX157A	3	B	8	BTF	MO	P	O	O	M-42-6	D-2	PI	Y2			VA-4
Valve Name ESW TRAIN A MAKEUP DISCHARGE ISO VALVE															
0SX157B	3	B	8	BTF	MO	P	O	O	M-42-6	D-4	PI	Y2			VA-4
Valve Name ESW TRAIN B MAKEUP DISCHARGE ISO VALVE															
0SX158A	3	B	8	BTF	MO	P	O	O	M-42-6	D-2	PI	Y2			VA-4
Valve Name ESW TRAIN A MAKEUP DISCHARGE ISO VALVE															
0SX158B	3	B	8	BTF	MO	P	O	O	M-42-6	D-4	PI	Y2			VA-4
Valve Name ESW TRAIN B MAKEUP DISCHARGE ISO VALVE															
0SX162A	3	B	24	BTF	MO	A	C	O/C	M-42-7	C-2	PI SC SO	Y2 M3 M3			VA-4 VA-1 VA-1
Valve Name COOLING TOWER HOT WATER BYPASS VALVE															

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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.
0SX162B	3	B	24	BTF	MO	A	C	O/C	M-42-7	C-8	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name COOLING TOWER HOT WATER BYPASS VALVE															
0SX162C	3	B	24	BTF	MO	A	C	O/C	M-42-7	C-2	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name COOLING TOWER HOT WATER BYPASS VALVE															
0SX162D	3	B	24	BTF	MO	A	C	O/C	M-42-7	C-8	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name COOLING TOWER HOT WATER BYPASS VALVE															
0SX163A	3	B	24	BTF	MO	A	O	O/C	M-42-7	C-4	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name ESSENTIAL SERVICE WATER CLG TOWER RISER ISOL VALVE															
0SX163B	3	B	24	BTF	MO	A	O	O/C	M-42-7	C-3	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name ESSENTIAL SERVICE WATER CLG TOWER RISER ISOL VALVE															
0SX163C	3	B	24	BTF	MO	A	O	O/C	M-42-7	C-3	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name ESSENTIAL SERVICE WATER CLG TOWER RISER ISOL VALVE															
0SX163D	3	B	24	BTF	MO	A	O	O/C	M-42-7	C-2	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name ESSENTIAL SERVICE WATER CLG TOWER RISER ISOL VALVE															
0SX163E	3	B	24	BTF	MO	A	O	O/C	M-42-7	C-6	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name ESSENTIAL SERVICE WATER CLG TOWER RISER ISOL VALVE															
0SX163F	3	B	24	BTF	MO	A	O	O/C	M-42-7	C-6	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name ESSENTIAL SERVICE WATER CLG TOWER RISER ISOL VALVE															
0SX163G	3	B	24	BTF	MO	A	O	O/C	M-42-7	C-7	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name ESSENTIAL SERVICE WATER CLG TOWER RISER ISOL 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.
0SX163H	3	B	24	BTF	MO	A	O	O/C	M-42-7	C-7	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name ESSENTIAL SERVICE WATER CLG TOWER RISER ISOL VALVE															
1SX002A	3	C	36	CK	SA	A	SYS	O/C	M-42-1B	E-6	CC	M3			
											CO	M3			
Valve Name ESW PUMP DISCHARGE CHECK VALVE															
1SX002B	3	C	36	CK	SA	A	SYS	O/C	M-42-1A	E-6	CC	M3			
											CO	M3			
Valve Name ESW PUMP DISCHARGE CHECK VALVE															
1SX004	3	B	30	BTF	MO	P	O	O	M-42-1B	E-2	PI	Y2			VA-4
Valve Name COMPONENT COOLING WATER HX INLET ISOLATION VALVE															
1SX005	3	B	30	BTF	MO	P	C	O	M-42-1A	E-2	PI	Y2			VA-4
											SO	M3			VA-1
Valve Name ESW SUPPLY VALVE TO THE COMMON CC HX															
1SX010	3	B	42	BTF	MO	P	O	O	M-42-2B	E-1	PI	Y2			VA-4
Valve Name ESW TRAIN A RETURN HEADER ISOLATION VALVE															
1SX011	3	B	42	BTF	MO	P	O	O	M-42-2B	C-1	PI	Y2			VA-4
Valve Name ESW TRAIN CROSS TIE ISOLATION VALVE															
1SX016A	2	B	16	BTF	MO	A	O	O/C	M-42-5B	F-7	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RCFC SX SUPPLY ISOLATION VALVE															
1SX016B	2	B	16	BTF	MO	A	O	O/C	M-42-5A	F-2	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RCFC SX SUPPLY ISOLATION VALVE															
1SX027A	2	B	16	BTF	MO	A	O	O/C	M-42-5B	C-7	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RCFC SX RETURN HEADER ISOLATION VALVE															
1SX027B	2	B	16	BTF	MO	A	O	O/C	M-42-5A	C-2	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RCFC SX RETURN HEADER ISOLATION VALVE															
1SX033	3	B	36	BTF	MO	P	O	O	M-42-1B	D-2	PI	Y2			VA-4
Valve Name ESW TRAIN B CROSS TIE ISOLATION VALVE															
1SX034	3	B	36	BTF	MO	P	O	O	M-42-1A	F-2	PI	Y2			VA-4
Valve Name ESW TRAIN A CROSS TIE ISOLATION 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.
1SX101A	3	B	1.5	GL	SO	A	C	O	M-42-3	E-3	FO SO	M3 M3	RV-3 RV-3		
Valve Name AFW MOTOR PUMP OIL COOLER ESW OUTLET VALVE															
1SX112A	3	B	12	BTF	AO	A	O	C	M-42-3	E-5	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name CONTAINMENT CHILLER SX SUPPLY VALVE															
1SX112B	3	B	12	BTF	AO	A	O	C	M-42-3	C-5	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name CONTAINMENT CHILLER SX SUPPLY VALVE															
1SX114A	3	B	12	BTF	AO	A	O	C	M-42-3	E-3	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name CONTAINMENT CHILLER SX RETURN VALVE															
1SX114B	3	B	12	BTF	AO	A	O	C	M-42-3	C-3	FC PI SC	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name CONTAINMENT CHILLER SX RETURN VALVE															
1SX136	3	B	42	BTF	MO	P	O	O	M-42-2A	C-1	PI	Y2			VA-4
Valve Name TRAIN B ESW RETRUN HEADER ISOLATION VALVE															
1SX147A	3	B	16	BTF	AO	A	O	O	M-42-3	E-4	FO PI SO	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name ESW RCFC RETURN PRESSURE CONTROL VALVE															
1SX147B	3	B	16	BTF	AO	A	O	O	M-42-3	C-4	FO PI SO	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name ESW RCFC RETURN PRESSURE CONTROL VALVE															
1SX150A	3	B	3	BTF	MO	A	C	O/C	M-42-1B	D-4	SO	M3			
Valve Name ESW STRAINER 1A - WASTE TREATMENT ISO VALVE															
1SX150B	3	B	3	BTF	MO	A	C	O/C	M-42-1A	D-4	SO	M3			
Valve Name ESW STRAINER 1B - WASTE TREATMENT ISO VALVE															
1SX168	3	B	3	GL	AO	A	SYS	O	M-42-3	B-3	FO	RR		RJ-19	
Valve Name AFW PUMP 1B CUBICLE COOLER ESW TEMP. CONTROL VALVE															
1SX169A	3	B	10	BTF	AO	A	C	O	M-42-3	F-8	FO PI SO	M3 Y2 M3			VA-2 VA-4 VA-1
Valve Name ESW RETURN HEADER FROM DG JACKET WATER ISOL VALVE															

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Service Water (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.
1SX169B	3	B	10	BTF	AO	A	C	O	M-42-3	D-8	FO	M3			VA-2
											PI	Y2			VA-4
											SO	M3			VA-1
Valve Name ESW RETURN HEADER FROM DG JACKET WATER ISOL VALVE															
1SX174	3	C	6	CK	SA	A	SYS	O	M-42-3	C-2	CCD	CM			CW00-02
											CO	M3			
											COD	CM			CW00-02
Valve Name ENGINE DRIVEN CLG WTR PP SX04P OUTLET CHECK VALVE															
2SX002A	3	C	36	CK	SA	A	SYS	O/C	M-42-1B	B-6	CC	M3			
											CO	M3			
Valve Name ESW PUMP DISCHARGE CHECK VALVE															
2SX002B	3	C	36	CK	SA	A	SYS	O/C	M-42-1A	B-6	CC	M3			
											CO	M3			
Valve Name ESW PUMP DISCHARGE CHECK VALVE															
2SX004	3	B	30	BTF	MO	P	O	O	M-42-1B	B-2	PI	Y2			VA-4
Valve Name UNIT 2 CCW HX INLET ISOLATION VALVE															
2SX005	3	B	30	BTF	MO	P	C	O	M-42-1A	B-2	PI	Y2			VA-4
											SO	M3			VA-1
Valve Name ESW SUPPLY VALVE TO THE COMMON CC HX															
2SX010	3	B	42	BTF	MO	P	O	O	M-42-2B	C-1	PI	Y2			VA-4
Valve Name ESW TRAIN A RETURN HEADER ISOLATION VALVE															
2SX011	3	B	42	BTF	MO	P	O	O	M-42-2A	D-1	PI	Y2			VA-4
Valve Name ESW TRAIN CROSS TIE ISOLATION VALVE															
2SX016A	2	B	16	BTF	MO	A	O	O/C	M-126-3	E-8	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RCFC SX SUPPLY ISOLATION VALVE															
2SX016B	2	B	16	BTF	MO	A	O	O/C	M-126-3	E-1	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RCFC SX SUPPLY ISOLATION VALVE															
2SX027A	2	B	16	BTF	MO	A	O	O/C	M-126-3	C-8	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RCFC SX RETURN HEADER ISOLATION VALVE															
2SX027B	2	B	16	BTF	MO	A	O	O/C	M-126-3	C-1	PI	Y2			VA-4
											SC	M3			VA-1
											SO	M3			VA-1
Valve Name RCFC SX RETURN HEADER ISOLATION VALVE															

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Service Water (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.
2SX033	3	B	36	BTF	MO	P	O	O	M-42-1B	B-3	PI	Y2			VA-4
Valve Name ESW TRAIN B CROSS TIE ISOLATION VALVE															
2SX034	3	B	36	BTF	MO	P	O	O	M-42-1A	D-3	PI	Y2			VA-4
Valve Name ESW TRAIN A CROSS TIE ISOLATION VALVE															
2SX101A	3	B	1.5	GL	SO	A	C	O	M-126-1	E-6	FO	M3	RV-3		
Valve Name AFW MOTOR PUMP OIL COOLER ESW OUTLET VALVE															
2SX112A	3	B	12	BTF	AO	A	O	C	M-126-1	E-4	FC	M3			VA-2
Valve Name CONTAINMENT CHILLER SX SUPPLY VALVE															
2SX112B	3	B	12	BTF	AO	A	O	C	M-126-1	C-4	FC	M3			VA-2
Valve Name CONTAINMENT CHILLER SX SUPPLY VALVE															
2SX114A	3	B	12	BTF	AO	A	O	C	M-126-1	E-6	FC	M3			VA-2
Valve Name CONTAINMENT CHILLER SX RETURN VALVE															
2SX114B	3	B	12	BTF	AO	A	O	C	M-126-1	C-6	FC	M3			VA-2
Valve Name CONTAINMENT CHILLER SX RETURN VALVE															
2SX136	3	B	42	BTF	MO	P	O	O	M-42-2A	C-1	PI	Y2			VA-4
Valve Name TRAIN B ESW RETRUN HEADER ISOLATION VALVE															
2SX147A	3	B	16	BTF	AO	A	O	O	M-126-1	E-5	FO	M3			VA-2
Valve Name ESW RCFC RETURN PRESSURE CONTROL VALVE															
2SX147B	3	B	16	BTF	AO	A	O	O	M-126-1	C-5	FO	M3			VA-2
Valve Name ESW RCFC RETURN PRESSURE CONTROL VALVE															
2SX150A	3	B	3	BTF	MO	A	C	O/C	M-42-1B	A-4	SO	M3			
Valve Name ESW STRAINER 2A - WASTE TREATMENT ISO VALVE															
2SX150B	3	B	3	BTF	MO	A	C	O/C	M-42-1A	A-4	SO	M3			
Valve Name ESW STRAINER 2B - WASTE TREATMENT ISO VALVE															
2SX168	3	B	3	GL	AO	A	SYS	O	M-126-1	B-6	FO	RR		RJ-19	
Valve Name AFW PUMP 2B CUBICLE COOLER ESW TEMP. CONTROL VALVE															

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Service Water (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.
2SX169A	3	B	10	BTF	AO	A	C	O	M-126-1	F-1	FO	M3			VA-2
											PI	Y2			VA-4
											SO	M3			VA-1
Valve Name ESW RETURN HEADER FROM DG JACKET WATER ISOL VALVE															
2SX169B	3	B	10	BTF	AO	A	C	O	M-126-1	D-1	FO	M3			VA-2
											PI	Y2			VA-4
											SO	M3			VA-1
Valve Name ESW RETURN HEADER FROM DG JACKET WATER ISOL VALVE															
2SX174	3	C	6	CK	SA	A	SYS	O	M-126-1	C-7	CCD	CM			CW00-02
											CO	M3			
											COD	CM			CW00-02
Valve Name ENGINE DRIVEN CLG WTR PP SX04P OUTLET CHECK VALVE															

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Primary Containment Purge (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.
1VQ001A	2	A	48	BTF	HO	A	C	C	M-105-1	E-5	FC	CS		CS-24	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-24	VA-1
Valve Name CONTAINMENT PURGE ISOLATION VALVE															
1VQ001B	2	A	48	BTF	HO	A	C	C	M-105-1	E-6	FC	CS		CS-24	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-24	VA-1
Valve Name CONTAINMENT PURGE ISOLATION VALVE															
1VQ002A	2	A	48	BTF	HO	A	C	C	M-105-1	E-4	FC	CS		CS-24	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-24	VA-1
Valve Name CONTAINMENT PURGE ISOLATION VALVE															
1VQ002B	2	A	48	BTF	HO	A	C	C	M-105-1	E-3	FC	CS		CS-24	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-24	VA-1
Valve Name CONTAINMENT PURGE ISOLATION VALVE															
1VQ003	2	A	8	BTF	AO	A	C	C	M-105-1	C-4	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name POST LOCA PURGE INLET ISOLATION VALVE															
1VQ004A	2	A	8	BTF	AO	A	C	C	M-105-1	D-5	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE SUPPLY ISOLATION VALVE															
1VQ004B	2	A	8	BTF	AO	A	C	C	M-105-1	D-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE SUPPLY ISOLATION VALVE															
1VQ005A	2	A	8	BTF	AO	A	C	C	M-105-1	F-4	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE EXHAUST ISOLATION VALVE															

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Primary Containment Purge (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.
1VQ005B	2	A	8	BTF	AO	A	C	C	M-105-1	F-4	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE EXHAUST ISOLATION VALVE															
1VQ005C	2	A	8	BTF	AO	A	C	C	M-105-1	F-4	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE EXHAUST ISOLATION VALVE															
1VQ016	2	A	0.5	GL	M	P	C	C	M-105-3	C-6	LT	AJ			
Valve Name INSTRUMENT PENETRATION ISOLATION VALVE															
1VQ017	2	A	0.5	GL	M	P	C	C	M-105-3	C-6	LT	AJ			
Valve Name INSTRUMENT PENETRATION ISOLATION VALVE															
1VQ018	2	A	0.5	GL	M	P	C	C	M-105-3	C-5	LT	AJ			
Valve Name INSTRUMENT PENETRATION ISOLATION VALVE															
1VQ019	2	A	0.5	GL	M	P	C	C	M-105-3	C-5	LT	AJ			
Valve Name INSTRUMENT PENETRATION ISOLATION VALVE															
/Q001A	2	A	48	BTF	HO	A	C	C	M-106-1	E-5	FC	CS		CS-24	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-24	VA-1
Valve Name CONTAINMENT PURGE ISOLATION VALVE															
2VQ001B	2	A	48	BTF	HO	A	C	C	M-106-1	E-6	FC	CS		CS-24	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-24	VA-1
Valve Name CONTAINMENT PURGE ISOLATION VALVE															
2VQ002A	2	A	48	BTF	HO	A	C	C	M-106-1	E-4	FC	CS		CS-24	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-24	VA-1
Valve Name CONTAINMENT PURGE ISOLATION VALVE															
2VQ002B	2	A	48	BTF	HO	A	C	C	M-106-1	E-3	FC	CS		CS-24	VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	CS		CS-24	VA-1
Valve Name CONTAINMENT PURGE ISOLATION VALVE															

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Primary Containment Purge (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.
2VQ003	2	A	8	BTF	AO	A	C	C	M-106-1	C-4	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name AOV POST LOCA PURGE FLTR INLET VLV															
2VQ004A	2	A	8	BTF	AO	A	C	C	M-106-1	D-5	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE SUPPLY ISOLATION VALVE															
2VQ004B	2	A	8	BTF	AO	A	C	C	M-106-1	E-6	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE SUPPLY ISOLATION VALVE															
2VQ005A	2	A	8	BTF	AO	A	C	C	M-106-1	F-4	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE EXHAUST ISOLATION VALVE															
2VQ005B	2	A	8	BTF	AO	A	C	C	M-106-1	F-4	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE EXHAUST ISOLATION VALVE															
2VQ005C	2	A	8	BTF	AO	A	C	C	M-106-1	F-4	FC	M3			VA-2
											LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name MINIFLOW PURGE EXHAUST ISOLATION VALVE															
2VQ016	2	A	0.5	GL	M	P	C	C	M-105-3	C-3	LT	AJ			
Valve Name INSTRUMENT PENETRATION ISOLATION VALVE															
2VQ017	2	A	0.5	GL	M	P	C	C	M-105-3	C-3	LT	AJ			
Valve Name INSTRUMENT PENETRATION ISOLATION VALVE															
2VQ018	2	A	0.5	GL	M	P	C	C	M-105-3	C-4	LT	AJ			
Valve Name INSTRUMENT PENETRATION ISOLATION VALVE															
2VQ019	2	A	0.5	GL	M	P	C	C	M-105-3	C-5	LT	AJ			
Valve Name INSTRUMENT PENETRATION ISOLATION VALVE															

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Make-Up Demineralizer (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.
1WM190	2	A	2	GL	M	P	LC	C	M-49-1A	E-5	LT	AJ			
Valve Name MAKE UP DEMIN SUPPLY CONTAINMENT ISOL MANUAL VLV															
1WM191	2	AC	2	CK	SA	A	SYS	C	M-49-1A	E-6	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name MAKE UP DEMIN SUPPLY CONTAINMENT ISOL CHECK VLV															
2WM190	2	A	2	GL	M	P	LC	C	M-49-1B	E-4	LT	AJ			
Valve Name MAKE UP DEMIN SUPPLY CONTAINMENT ISOL MANUAL VLV															
2WM191	2	AC	2	CK	SA	A	SYS	C	M-49-1B	E-3	CC	CM			CW00-02
											CO	CM			CW00-02
											LT	AJ			
Valve Name MAKE UP DEMIN SUPPLY CONTAINMENT ISOL CHECK VLV															

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Chilled 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.
0WO002A	3	C	6	CK	SA	A	SYS	O	M-118-1	D-6	CCD	CM	CW00-02		
											COD	CM	CW00-02		
											COF	M3			
Valve Name CHILLED WATER PUMP DISCHARGE CHECK VALVE															
0WO002B	3	C	6	CK	SA	A	SYS	O	M-118-1	B-6	CCD	CM	CW00-02		
											COD	CM	CW00-02		
											COF	M3			
Valve Name CHILLED WATER PUMP DISCHARGE CHECK VALVE															
0WO028A	3	C	1.5x2.5	RV	SA	A	C	O/C	M-118-1	E-8	RT	Y10			
Valve Name CONTROL ROOM CHILLED WATER RELIEF VALVE															
0WO028B	3	C	1.5x2.5	RV	SA	A	C	O/C	M-118-1	C-8	RT	Y10			
Valve Name CONTROL ROOM CHILLED WATER RELIEF VALVE															
0WO205A	3	C	1	CK	SA	A	SYS	C	M-118-1	E-6	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name DEMIN WATER MAKEUP TO CHILLED WATER CHECK VALVE															
0WO205B	3	C	1	CK	SA	A	SYS	C	M-118-1	C-6	CCD	CM			CW00-02
											COD	CM			CW00-02
Valve Name DEMIN WATER MAKEUP TO CHILLED WATER CHECK VALVE															
WO006A	2	A	10	GA	MO	A	O	C	M-118-5	E-5	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
1WO006B	2	A	10	GA	MO	A	O	C	M-118-5	B-4	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
1WO007A	2	AC	10	CK	SA	A	SYS	C	M-118-5	E-5	CC	CM			CW00-02
											CO	OP			CW00-02
											LT	AJ			
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
1WO007B	2	AC	10	CK	SA	A	SYS	C	M-118-5	B-4	CC	CM			CW00-02
											CO	OP			CW00-02
											LT	AJ			
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
1WO020A	2	A	10	GA	MO	A	O	C	M-118-5	D-5	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															

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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.
1WO020B	2	A	10	GA	MO	A	O	C	M-118-5	B-4	LT PI SC	AJ Y2 M3			VA-4 VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
1WO056A	2	A	10	GA	MO	A	O	C	M-118-5	D-5	LT PI SC	AJ Y2 M3			VA-4 VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
1WO056B	2	A	10	GA	MO	A	O	C	M-118-5	B-3	LT PI SC	AJ Y2 M3			VA-4 VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
1WO079A	2	C	.75X1.0	RV	SA	A	C	O/C	M-118-5	E-5	LT RT	AJ Y10			
Valve Name 1A & 1C RCFC WO OUTLET HDR RELIEF VLV															
1WO079B	2	C	.75X1.0	RV	SA	A	C	O/C	M-118-5	C-3	LT RT	AJ Y10			
Valve Name 1B & 1D RCFC WO OUTLET HDR RELIEF VLV															
1WO006A	2	A	10	GA	MO	A	O	C	M-118-7	E-5	LT PI SC	AJ Y2 M3			VA-4 VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
2WO006B	2	A	10	GA	MO	A	O	C	M-118-7	B-4	LT PI SC	AJ Y2 M3			VA-4 VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
2WO007A	2	AC	10	CK	SA	A	SYS	C	M-118-7	E-5	CC CO LT	CM OP AJ			CW00-02 CW00-02
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
2WO007B	2	AC	10	CK	SA	A	SYS	C	M-118-7	B-4	CC CO LT	CM OP AJ			CW00-02 CW00-02
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
2WO020A	2	A	10	GA	MO	A	O	C	M-118-7	D-5	LT PI SC	AJ Y2 M3			VA-4 VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															

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IST PROGRAM PLAN

Chilled 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.
2WO020B	2	A	10	GA	MO	A	O	C	M-118-7	B-4	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
2WO056A	2	A	10	GA	MO	A	O	C	M-118-7	D-5	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
2WO056B	2	A	10	GA	MO	A	O	C	M-118-7	B-4	LT	AJ			
											PI	Y2			VA-4
											SC	M3			VA-1
Valve Name WO SUPPLY TO RCFC CLG COILS CONTAINMENT ISOL VLV															
2WO079A	2	C	.75X1.0	RV	SA	A	C	O/C	M-118-7	F-6	LT	AJ			
											RT	Y10			
Valve Name 2A & 2C RCFC WO OUTLET HDR RELIEF VLV															
2WO079B	2	C	.75X1.0	RV	SA	A	C	O/C	M-118-7	A-4	LT	AJ			
											RT	Y10			
Valve Name 2B & 2D RCFC WO OUTLET HDR RELIEF VLV															