APPENDIX E
VALVE PROGRAM TABLE
UNIT 2

SYSTEM: Containment Spray
DRAWING NO.: M-1 10E035, Sheet 3

VALVE	cORD	FUNCTION	CLASS	CAT	SIZE	TYPE	ACT	POS	REQMT	FREQ	REMARKS
SI-00860C	C10	CS Pump 1-P14B Disch	2	B	6	GA	MO	c	BT-O PIT	QR QR	
SI-00860D	C10	CS Pump 1-P14B Disch	2	B	6	GA	MO	c .	BT-O PIT	QR QR	
SI-00862A	I11	CS Pump 1-P14A Disch	2	A/C	6	CK	SA	c	Cv-o SLT-1	QR RR	VRR-23, 29
SI-00862B	C11	CS Pump 1-P14B Disch	2	A/C	6	CK	SA	c	CV-O SLT-1	QR RR	VRR-23 ,29
SI-00862G	H11	Train "A" Test Isolation	2	A	6	(3A	MA	c	SLT-1	RR	Passive VRR-23
SI-00862H	D11	Train "B" Test Isolation	2	A	6	GA	MA	c	SLT-1	RR	Passive VRR-23
SI-00864A	H11	CS Pump Test Recirc	2	A	.7s	GL	MA	c	SLT-1	RR	Passive VRR-23
SI-00864B	C11	CS Pump Test Recirc	2	A	.7s	GL	MA	c	SLT-1	RR	Passive VRR-23
SI-00868A	112	CS Nozzle A Hdr Isolation	2	A	6	GA	MA	O	SLT-1	RR	Passive VRR-23
SI-00868B	C12	CS Nozzle B Hdr Isolation	2	A	6	GA	MA	O	SLT-1	RR	Passive VRR-23

Table 1.0-7
UNIT 1 VALVE LISTING

DRAWING : M-0046
DRAWING TITLE : HIGH PRESSURE COOLANT INJECTION PIPING

VALVE NUMBER	DWG COOR	1S1 CLASS	FUNCTION CATEGORY	SIZE (INCH)	STYLE	BODY	ACTU-ATOR	NORMAL POSI-TION	TEST TYPE	TEST FREQ	RELIEF REQUEST OR COLD SHUTDOWN	TECHNICAL POSITION
2301-003 -MO	A-7	2	6	10.	000	GA	m	C	BTO PIT	M3 Y2		
FUNCTION : HPCI STEM SUPPLY/BLOCKING VALVE, PRE-HEATS THE SUPPLY LINE												
2301-004 -MO	C-9	1	A	10.	000	GA	m	o	AT-01 BTC BTO PIT	RR CS CS Y2	 CS-23A CS-23A	
FUNCTION : HPCI STEAM SUPPLY PROW THE REACTOR VESSEL TO THE TURBINE												
2301-00S -MO	B-10	1	A	10.000	6A	MO		o	AT-01 BTC 610 PIT	RR CS CS Y2	 CS-23A CS-23A	
FUNCTION : HPCI STEAM SUPPLY FROM THE REACTOR VESSEL 10 THE TURBINE												
2301-007 -AD	E-6	2	c	14.000	CK	AO		SYS	CTO PIT	CS Y2	CS-00A	
FUNCTION : HPCI INJECTION LINE TO FEEWATER BACKFLOW PREVENTION												
2301-006 -MO	E-6	2	6	14.000	GA	MO		c	BTO PIT	M3 Y2		
FUNCTION : HPCI INJECTION LINE TO FEEWATER ISOLATION												
2301-006 -MO	E-5	2	6	14.000	GA	MO		o	6T0 PIT	M3 Y2		
FUNCTION : HPCI INJECTION LINE TO FEEDWATER ISOLATION												
2301-010 -MO	E-5	2	6	12.000	GL	MO		c	6TC PIT	M3 Y2		
FUNCTION : HPCI FULL FLW TEST RETURN TO CONDENSATE STORM TANK												
2301-014 -MO	C-6	2	B	4.000	GL	MO		C	6TC 6T0 PIT	M3 M3 Y2		
FWCTIOII : HPCI MINIMUM FLOW RECIRCULATION LINE ISOLATION												
2301-020	E-1	2	C	16.000	CK	SA		SYS	CTC	SA	RV-OOF	
FUNCTION : HPCI To CONDENSATE STORAGE TANK BACKFLOW PREVENTION												
2301-023 -RV	B-3	2	c	1.s00	RV	SA		C	CT-SP	YA		
FIMCTIOR : HPCI BOOSTER SUCTION LINE OVERPRESSURE PROTECTION												
2301-026	0-1o	1	A/C	1.000	XFC	3A		SYS	AT-02 CTC	RR RR	 RV-00B	
FUICTIOU : MAIN STM TO HPCI DP/P HI S10S EXCESS FLW CK VLV												
2301-027	0-1o	1	A/C	1.000	XFC	3A		SYS	AT-02 CTC	RR RR	 RV-006	
FU..CTION : MAIN STM TO HPCI DP/P LO SIDE EXCESS FLW CK VLV												

BVPS IS
VALVE TESTING OUTLINE

SYSTEM NAME: Main Steam SYSTEM NUMBER: 21

Valve Mark Number	Valve Class	Valve Category	Valve Size (in.)	Valve Type	NSA	Drawing: OM No.	Drawing: Coord.	Test Requirement	CSJ Relief Requests	Comments
PCV-1MS-101A	2	B	6	Globe	A	21-1	A-3	QST	CSJ23	1OST-1.10-Stroke & Time Open/Closed (CSD)(RPV)
SV-1MS-101A	2	–	[illegible]	Relief			B-4	[illegible]		1BVT 1.21.1 or 1BVT 1.21.2-(R)
TV-1MS-101A	2	B/C	32	Inverse Check	O	21-1	B-8	QST	CSJ24	1OST-21.4-Stroke & Time Closed (CSD)(RPV)
MOV-1MS-101B		B		Globe	[illegible]	21-1	E-8	QST		1OST-47.3A(3B)-Stroke & Time Closed (Q)(RPV)
NRV-1MS-101B	2	B/C	32	Check			D-8	QS	CSJ22	1OS[illegible] (CSD)(RPV)
PCV-1MS-101B	2	B	6	Globe	C	21-1	C-3	QST	CSJ23	1OST-1.10-Stroke & Time Open/Closed (CSD)(RPV)
SV-1MS-101B	[illegible]	[illegible]	[illegible]	Relief		[illegible]	D-4	[illegible]		1BVT 1.21.1 or 1BVT 1.21.2-(R)
TV-1MS-101B	2	B/C	32	Inverse Check	O	21-1	D-8	QST	CSJ24	1OST-21.5-Stroke & Time Closed (CSD)(RPV)
MOV-1MS-101C	–	–	–	Globe	[illegible]	21-1	G-8	QST		1OST-47.3A(3B)-Stroke & Time Closed (Q)(RPV)
NRV-1MS-101C	–	B/C	32	Check	–			QS	[illegible]	1OS[illegible] (CSD)(RPV)
PCV-1MS-101C	2	B	6	Globe	A	21-1	E-3	QST	CSJ23	1OST-1.10-Stroke & Time Open/Closed (CSD)(RPV)
SV-1MS-101C	2	C	6 x 10	Relief		[illegible]	[illegible]	[illegible]		1BVT 1.21.1 or 1BVT 1.21.2-(R)
TV-1MS-101C	2	B/C	32	Inverse Check	O	21-1	F-8	QST	CSJ24	1OST-21.6-Stroke & Time Closed (CSD)(RPV)
SV-1MS-102A	2	C	6 x 10	Relief		[illegible]	[illegible]	SP		1BVT 1.21.1 or 1BVT 1.21.2-(R)
SV-1MS-102B	2	C	6 x 10	Relief			D-4	[illegible]		1BVT 1.21.1 or 1BVT 1.21.2-(R)
SV-1MS-102C	2	C	6 x 10	Relief		[illegible]	[illegible]	[illegible]		1BVT 1.21.1 or 1BVT 1.21.2-(R)
SV-1MS-103A	2	C	6 x 10	Relief		–	–	[illegible]		1BVT 1.21.1 or 1BVT 1.21.2-(R)

COMANCHE PEAK STEAM ELECTRIC STATION UNIT 1 & 2
INSERVICE VALVE TESTING PLAN
TAME 4 - CHEMICAL and VOLUME CONTROL
PAGE 9 OF 12

Valve Number	Flow Diagram (Coord.)	Valve/ Actuator Type	Size	Code Class	Cate-gory	Func-tion	Safety Func. Pos.	Test Parameters/Sd@ule: Leak Test	Exert ise Test	Fail Safe Test	Position Indicator Test	Remarks	
8378A	M1-0253-A (B-5) M2-0255 (G-3)	CK/SA	3	1	c	A	0	N/A	CV/Q (8)	N/A	N/A	Borat ion F lowpath	2
							c	N/A	CV/CS (2) RR V5	N/A	N/A	Reactor Coolant Pressure Boundary	
83708	M-0253-A (B-5) M2-0255 (G-3)	CK/SA	3	1	c	A	0	N/A	CV/Q (8)	N/A	N/A	Borat ion F lowpath	2
							c	N/A	CV/CS (2) RR V5	N/A	N/A	Reactor Coo lant Pressure Boundary	
8379A	M-(3253-A (B-5) M2-0255 (G-3)	CK/SA	3	1	c	A	0	N/A	CV/Q (8)	N/A	N/A	Borat ion F lowpath	2
							c	N/A	CV/CS (2) RR V5	N/A	N/A	Reactor Coolant Pressure Boundary	
83798	M1-0253-A (B-5) M2-0255 (G-3)	CK/SA	3	1	c	A	0	N/A	CV/Q (8)	h/A	N/A	Borat ion F lowpath	2
							c	N/A	CV/CS (2) RR V5	N/A	N/A	Reactor Coolant Pressure Boundary	
8381	M1-0253-A (E-3) M2-0255 (E-2)	CK/SA	3	2	A I	A	0	N/A	CV/Q	N/A	N/A	Borat ion F lowpath	
							c	LTJ/TS	CV/CS (2)	N/A	N/A	Containment Isolation	

ASME SECTION XI VALVES UNIT 2

Valve Number	System	Description	Drawing	Code Class	Valve Category	Valve Function	Test Prog	Test Type	Test Freq	Remarks
2CC-73-1	2CC	21 RCP BRG WTR SUPPLY CHK	NF-39246-1	39	c	ACT-OPEN		E	Q	
2CC-73-2	2CC	22 RCP BRG WTR SUPPLY CHK	NF-39246-1	39	c	ACT-OPEN		E	Q	
CV3 12S3	2CC	21 EXCS LTDWN HT EXCH ouTLET	NF-39246-1	39	B	ACT-CLOSE		E	Q	
MV32122	2CC	COW COOLING WTR SUPPLY HEADER	NF-39246-1	39	B	ACT-CLOSE	SP-2163	E	R	
MV32123	2CC	COMP COOLING WTR SUPPLY HEADER	NF-39246-1	39	B	ACT-CLOSE	BP-2163	E	R	
MV32124	2CC	21 REACT CLNT PUMP BRG CLG WTR SUPPLY	NF-39246-1	39	B	PAS-OPEN		w	2Y	
MV32125	2CC	21 REACT CLNT PUMP BRG CLG WTR RETURN	NF-39246-1	39	B	PAS-OPEN		w	2Y	
MV32126	2CC	22 REACT CLNT PUMP BRG CLG WTR SUPPLY	HP-38246-1	3s	B	PAS-OPEN		w	2Y	
MV32127	2CC	22 REACT CLNT PUMP BRG CLG WTR RETURN	NF-39246-1	39	B	PAS-OPEN		w	2Y	
MV32128	2CC	21 RSDL HT EXGR COMP CLNT INLT MV	NF-39246-1	3s	B	ACT-BOTH	6P-2165	E	Q	
MV32129	2CC	22 RBDL HT EXGR COMP CLNT INLT MV	NF-39246-1	3s	B	ACT-BOTH	SP-2155	E	Q	
MV32130	2CC	21 EXCESS LETDOWN HT EXCH SUPPLY	NF-39246-1	3s	B	ACT-CLOSE		E	Q	
MV32211	2CC	21 COMP CLG PMP SUCT MV	NF-39246-1	3s	B	ACT-BOTH	SP-2165	E	Q	
MV32212	2CC	22 COMP CLG PUP SUCT MV	NF-39246-1	39	B	ACT-BOTH	SP-2165	E	Q	
MV32268	2CC	21/22 RCP COMP CLG INLT ISOL MV B	NF-39246-1	39	B	ACT-BOTH	SP-2163	E	R	
MV32269	2Cc	21/22 RCP COMP CLG INLT ISOL MV A	HP-39246-1	39	B	ACT-BOTH	BP-2163	E	R	
2CL-12-1	2CL	21 CONTAINMENT FAN COILS-SUPPLY	NF-39217-3	36	c	ACT-OPEN		E	Q	
2CL-12-2	2CL	23 CONTAINMENT FAN COILS-SUPPLY	NF-39217-3	36	c	ACT-OPEN		E	Q	
2CL-12-3	2CL	22 CONTAINMENT FAN COILS-SUPPLY	NF-39217-3	36	c	ACT-OPEN		E	o	
2CL-124	2CL	24 CONTAINMENT FAN COILS-SUPPLY	NF-39217-3	36	c	ACT-OPEN		E	Q	
2CL-43-1	2CL	21 CLG WTR PUMP DISCH	NF-39216	36	c	ACT-CLOSE	SP-11 06B	E	Q	