ATTACHMENT 3
REVISED PAGES

ATTACHMENT 1
DUKE POWER COMPANY
OCONEE NUCLEAR STATION
UNITS 1, 2, AND 3

Summary of Changes to the Oconee Nuclear Station ASME IST Valve and Pump Testing Program and Description of Revisions for NRC SER, Dated November 23, 1994

1 The ONS System Engineering Directive 4.7, ONS ASME Valve and Pump Testing Directive was re-written and re-formatted. The directive was also renamed the ONS ASME Inservice Testing Program Document to ensure consistency between the Duke Power nuclear stations (i.e. McGuire Nuclear Station and Catawba Nuclear Station do not document their pump and valve testing programs in System Engineering Directives.) The document was expanded to include program philosophy and position statements. Additionally, a document named ONS ASME Inservice Testing Program was generated to contain the contents of the attachments to ONS System Engineering Directive 4.7. This issue of the program document does not contain a copy of the retest list (list of all pumps and valves in IST and Appendix B testing programs) as was contained in the directive. These data will be included in the ONS 10CFR50 Appendix B Supplemental Testing Program and the ONS Pump and Valve Re-Test List upon completion of a comprehensive review of the Appendix B (Supplemental) Testing program. 22a 22a

Per recommendations in the SER, the following changes were made to the document:

- page numbers were added to the program document,
- any reference to a pump deferral or pump cold shutdown justification was deleted,
- a discussion of pump alternate acceptance criteria was added to the document,
- a discussion of Oconee's position on using non-intrusive testing techniques was added to the document,
- the statement of how category A and A/C valves are leak tested was revised,
- the index before each section of relief requests was revised to show the status of each relief request (e.g. date last revised, deleted, or date created),
- the Pump IST List was revised to reference RR-PMP-02 for only the 1A, 2A, and 3A LPI pumps.

2 The valve testing program was revised to document adopting the valve testing guidelines presented in ASME/ANSI OM-1987 Standard OMa-1988 Part 10 (OM-10). This revision involved re-writing the following three valve generic relief requests and four valve specific relief requests to reference the OM Code as opposed to referencing the IWV Code: GNR-VLV-03, GNR-VLV-08, GNR-VLV-10, RR-VLV-10, RR-VLV-11, RR-VLV-17, and RR-VLV-24. The revision also involved re-writing 30 cold shutdown justifications as Justification for Deferrals and 27 valve specific relief requests as Justification for Deferrals. In an effort to improve inter-station consistency, the Justification for Deferrals are numbered the same as they are at McGuire and Catawba. The following table summarizes what was re-written as a Justification for Deferral:

Previous Cold Shutdown Justification Number	New Justification for Deferral Number	Previous Relief Request Number	New Justification for Deferral Number
CSD-VLV-01	ON-SSF-01	RR-VLV-01	ON-HP-08
CSD-VLV-02	ON-SSF-02	RR-VLV-02	ON-HP-09
CSD-VLV-03	ON-HP-01	RR-VLV-04	ON-HP-10
CSD-VLV-04	ON-HP-02	RR-VLV-05	ON-HP-11

Previous Cold Shutdown Justification Number	New Justification for Deferral Number	Previous Relief Request Number	New Justification for Deferral Number
CSD-VLV-05	ON-HP-03	RR-VLV-06	ON-HP-12
CSD-VLV-06	ON-LP-01	RR-VLV-07	ON-HP-13
CSD-VLV-07	ON-LP-02	RR-VLV-08	ON-HP-14
CSD-VLV-08	ON-LP-03	RR-VLV-09	ON-HP-15
CSD-VLV-09	ON-RC-01	RR-VLV-10	ON-CF-01
CSD-VLV-10	ON-FDW-01	RR-VLV-12	ON-BS-01
CSD-VLV-11	ON-MS-01	RR-VLV-13	ON-BS-02
CSD-VLV-12	ON-CC-01	RR-VLV-14	ON-CS-01
CSD-VLV-14	ON-SSF-03	RR-VLV-15	ON-HP-16
CSD-VLV-15	ON-SSF-04	RR-VLV-16	ON-CC-02
CSD-VLV-16	ON-SSF-05	RR-VLV-17	ON-CF-02
CSD-VLV-17	ON-LPSW-01	RR-VLV-18	deleted
CSD-VLV-19	ON-FDW-02	RR-VLV-19	ON-HP-17
CSD-VLV-21	ON-MS-02	RR-VLV-21	ON-LP-06
CSD-VLV-22	ON-LP-04	RR-VLV-22	ON-C-03
CSD-VLV-23	ON-FDW-03	RR-VLV-23	ON-AS-01
CSD-VLV-24	ON-C-01	RR-VLV-25	ON-CF-03
CSD-VLV-25	ON-MS-03	RR-VLV-26	ON-FDW-04
CSD-VLV-26	ON-MS-04	RR-VLV-28	ON-LPSW-03
CSD-VLV-27	ON-HP-04	RR-VLV-29	ON-LPSW-04
CSD-VLV-28	ON-HP-05	RR-VLV-30	ON-N-01
CSD-VLV-29	ON-HP-06	RR-VLV-31	ON-AS-02
CSD-VLV-30	ON-C-02	RR-VLV-31	ON-MS-05
CSD-VLV-31	ON-LP-05	RR-VLV-32	ON-HP-05
CSD-VLV-34	ON-LPSW-02	new	ON-LP-07
CSD-VLV-36	deleted	new	ON-PR-01
CSD-VLV-37	ON-HP-07	new	ON-RC-02

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3 The revisions made to the site program to comply with the NRC SER are as follows:

3.1 Relief GNR-VLV-10 has been revised to clarify Duke Power's position on testing of additional relief valves in the event one fails.

3.2 Relief GNR-VLV-11 has been deleted as per discussion in TER Section 2.2.

3.3 Relief RR-PMP-01 has been deleted since upgraded vibration instrumentation has been installed.

3.4 Relief GNR-PMP-03 has been deleted since it was redundant with RR-PMP-02.

3.5 Relief RR-PMP-02 has been re-classified as an interim relief request. RR-PMP-02 has been revised to discuss when the new flow instrumentation will be installed and to discuss the accuracy of the existing "A" LPI train flow instrumentation. The relief was also revised to simply reference GNR-PMP-05 for the vibration instrumentation requirements and to remove any reference to alternate acceptance criteria.

3.6 Relief GNR-PMP-04 has been deleted since relief for setting alternate acceptance criteria is not required.

3.7 Relief GNR-VLV-07 has been deleted since this relief was denied.

3.8 Relief RR-VLV-12 has been deleted since the relief is no longer required because the valves were replaced.

3.9 Relief RR-VLV-11 has been re-classified as an interim relief request. RR-VLV-11 has been revised to clarify why its subject valves cannot be disassembled.

3.10 Section 2 of generic relief GNR-PMP-02 has been revised to include only positive displacement pumps.

3.11 Relief RR-VLV-32 has been deleted since relief is not required for the method of determining acceptable seat leakage.

3.12 Relief GNR-PMP-05 has been reclassified as an interim relief request. GNR-PMP-05 has been revised to state that all vibration instrumentation will meet Code accuracy requirements by August 1, 1995.

3.13 Relief RR-PMP-03 was deleted since relief is not required for non-ASME Code Class components.

3.14 Relief RR-PMP-04 was deleted since relief is not required for non-ASME Code Class components.

3.15 Relief GNR-VLV-02 has been deleted since relief will not be required and OM-10 will be followed.

3.16 Relief GNR-VLV-04 has been deleted since OM-10 does not require the valve to be placed in service (declared operable) before startup like IWV-3417(b).

3.17 Relief GNR-VLV-05 has been deleted since OM-10 was adopted for valve testing.

3.18 Relief GNR-VLV-06 has been deleted since OM-10 does not require relief for testing cold shutdown frequency valves every cold shutdown.

3.19 Relief GNR-VLV-09 has been deleted since OM-10 was adopted for valve testing.

4 Additional changes to the site program are as follows:

4.1 Deferral ON-PR-01 has been written to document that Technical Specification 3.6 does not allow for the subject valves to be stroked at or above Hot Shutdown conditions.

4.2 Deferral ON-RC-02 has been written to document that stroking the subject valves above cold shutdown conditions will cause unnecessary reactor coolant system pressure transients.

4.3 Deferral ON-HP-07 has been written to document that exercising the subject valves will induce undesirable transients within the letdown coolers which can compromise the integrity of the reactor coolant system pressure boundary.

4.4 Relief GNR-VLV-01 has been deleted since the request was for relief from IWV-3427(b) and OM-10 has no similar requirements.

4.5 Valves 1DW-155 and 1DW-156 have been re-classified as passive valves. Consequently, relief RR-VLV-18 has been deleted.

4.6 Deferral ON-LP-07 has been written to document that Technical Specifications only allow stroking LP-17 and LP-18 at a cold shutdown frequency. 22a

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	AUXILIARY STEAM													
1AS-001	OFD-128A-1.1	H7	N	C	ACT	Check	SA				ON-AS-02	PS thru normal operations	Sample Disassemble	22a
1AS-039	OFD-122A-1.4	H6	C	C	ACT	Check	SA	FS-Q			ON-AS-01	Q test in open direction SD to test in closed direction	Sample Disassemble	22a
1AS-040	OFD-128A-1.1	B2	N	B	ACT	Gate	MO	FS-Q						22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	BUILDING SPRAY (REACTOR)													
1BS-001	OFD-103A-1.1	J8	B	B	ACT	Globe	MO	FS-Q						22
1BS-002	OFD-103A-1.1	E8	B	B	ACT	Globe	MO	FS-Q						22
1BS-005	OFD-102A-1.1	E8	B	C	ACT	Check	SA	PS-Q		11				22
1BS-006	OFD-102A-1.1	C10	B	C	ACT	Check	SA	PS-Q		11				[illegible]
1BS-011	OFD-103A-1.1	J6	B	C	ACT	Check	SA	PS-Q			ON-BS-01		Sample Disassemble	[illegible]
1BS-014	OFD-103A-1.1	J10	B	C	ACT	Check	SA	PS-RF			ON-BS-02	PS is with air	Sample Disassemble	22a
1BS-016	OFD-103A-1.1	E6	B	C	ACT	Check	SA	PS-Q			ON-BS-01		Sample Disassemble	22a
1BS-019	OFD-103A-1.1	E10	B	C	ACT	Check	SA	PS-RF			ON-BS-02	PS is with air	Sample Disassemble	22a

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	FEEDWATER													
1FDW-032	OFD-121B-1.3	J7	C	B	ACT	Globe	AO	FS-CS			ON-FDW-03			22
1FDW-033	OFD-121B-1.3	J6	C	B	ACT	Gate	MO	FS-CS			ON-FDW-01			22
1FDW-035	OFD-121B-1.3	L7	C	B	ACT	Globe	AO	FS-CS			ON-FDW-01			22
1FDW-039	OFD-121D-1.1	J10	B	C	ACT	Check	SA				ON-FDW-04		Sample Disassemble	22
1FDW-041	OFD-121B-1.3	D7	C	B	ACT	Globe	AO	FS-CS			ON-FDW-03			2
1FDW-042	OFD-121B-1.3	E6	C	B	ACT	Gate	MO	FS-CS			ON-FDW-01			22
1FDW-044	OFD-121B-1.3	F7	C	B	ACT	Globe	AO	FS-CS			ON-FDW-01			22
1FDW-091	OFD-121D-1.1	I2	N	C	ACT	Check	SA	FS-Q						22
1FDW-103	OFD-121B-1.5	K8	B	A	PAS	Gate	MO	FS-Q	LJ-RF					22
1FDW-104	OFD-121B-1.5	C8	B	A	PAS	Gate	MO	FS-Q	LJ-RF					22
1FDW-105	OFD-110A-1.1	D2	B	A	ACT	Gate	MO	FS-Q	LJ-RF					22
1FDW-106	OFD-110A-1.1	D6	B	A	ACT	Gate	AO	FS-Q	LJ-RF					22
1FDW-107	OFD-110A-1.1	F3	B	A	ACT	Gate	MO	FS-Q	LJ-RF					22
1FDW-108	OFD-110A-1.1	F6	B	A	ACT	Gate	AO	FS-Q	LJ-RF					22
1FDW-232	OFD-121D-1.1	K13	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
1FDW-233	OFD-121D-1.1	D13	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			2
1FDW-311	OFD-121D-1.1	J6	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
1FDW-312	OFD-121D-1.1	E6	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
1FDW-315	OFD-121D-1.1	K10	C	B	ACT	Globe	AO	FS-Q						22
1FDW-316	OFD-121D-1.1	D10	C	B	ACT	Globe	AO	FS-Q						22
1FDW-317	OFD-121D-1.1	K10	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
1FDW-318	OFD-121D-1.1	D10	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
1FDW-329	OFD-121B-1.5	J8	B	A	PAS	Gate	MA		LJ-RF					22
1FDW-331	OFD-121B-1.5	D8	B	A	PAS	Gate	MA		LJ-RF					22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
1FDW-334	OFD-121B-1.5	L6	B	A	PAS	Gate	MA		LJ-RF					22
1FDW-335	OFD-121B-1.5	C6	B	A	PAS	Gate	MA		LJ-RF					22
1FDW-345	OFD-121D-1.1	K12	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
1FDW-346	OFD-121D-1.1	D12	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
1FDW-347-SSF	OFD-121D-1.1	D13	C	B	ACT	Gate	MO	FS-CS			ON-SSF-05			22
1FDW-370	OFD-121D-1.1	K3	C	C	ACT	Check	SA	FS-Q						22
1FDW-372	OFD-121D-1.1	K7	C	B	ACT	Gate	MO	FS-Q						22
1FDW-373	OFD-121D-1.1	K7	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
1FDW-378	OFD-121D-1.1	K3	C	C	ACT	Check	SA	FS-Q						22
1FDW-380	OFD-121D-1.1	D3	C	C	ACT	Check	SA	FS-Q						22
1FDW-382	OFD-121D-1.1	D7	C	B	ACT	Gate	MO	FS-Q						22
1FDW-383	OFD-121D-1.1	D7	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
1FDW-388	OFD-121D-1.1	D3	C	C	ACT	Check	SA	FS-Q						22
1FDW-432	OFD-121D-1.1	F10	C	C	ACT	Check	SA				ON-FDW-04		Sample Disassemble	22a
1FDW-442	OFD-121D-1.1	D11	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
1HP-109	OFD-101A-1.3	G10	B	C	ACT	Check	SA	PS-Q FS-RF			ON-HP-11			22
1HP-112	OFD-101A-1.3	E6	B	C	PAS	Relief	SA	RV-RV						22
1HP-113	OFD-101A-1.3	D10	B	C	ACT	Check	SA	PS-Q FS-RF			ON-HP-11			22
1HP-126	OFD-101A-1.4	J13	A	C	ACT	StopCheck	SA	PS-CS FS-RF			ON-HP-12			22
1HP-127	OFD-101A-1.4	J13	A	C	ACT	StopCheck	SA	PS-CS FS-RF			ON-HP-12			22
1HP-144	OFD-101A-1.4	G13	B	A/C	ACT	StopCheck	SA	FS-RF	LJ-RF		ON-HP-17			22
1HP-145	OFD-101A-1.4	F13	B	A/C	ACT	StopCheck	SA	FS-RF	LJ-RF		ON-HP-17			22
1HP-146	OFD-101A-1.4	H13	B	A/C	ACT	StopCheck	SA	FS-RF	LJ-RF		ON-HP-17			22
1HP-147	OFD-101A-1.4	I12	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22
1HP-152	OFD-101A-1.4	D14	A	C	ACT	StopCheck	SA	PS-CS FS-RF			ON-HP-13			22
1HP-153	OFD-101A-1.4	E13	A	C	ACT	StopCheck	SA	PS-CS FS-RF			ON-HP-13			22
1HP-155	OFD-127B-1.2	H7	B	A	PAS	Globe	MA		LJ-RF					22
1HP-156	OFD-127B-1.2	I7	B	A	PAS	Globe	MA		LJ-RF					22
1HP-188	OFD-101A-1.4	D11	A	C	ACT	Check	SA	PS-CS FS-RF			ON-HP-14			22
1HP-189	OFD-101A-1.2	F6	C	C	ACT	Check	SA				ON-HP-08		Sample Disassemble	22
1HP-194	OFD-101A-1.4	J10	A	C	ACT	Check	SA	PS-Q FS-RF			ON-HP-15			22
1HP-247	OFD-101A-1.3	K10	B	B	ACT	Globe	MA	FS-CS			ON-HP-06			22
1HP-248	OFD-101A-1.3	L10	B	C	ACT	StopCheck	SA				ON-HP-16		Sample Disassemble	22a
1HP-249	OFD-101A-1.3	H9	B	B	ACT	Globe	MA	FS-CS			ON-HP-06			22
1HP-250	OFD-101A-1.3	I9	B	C	ACT	StopCheck	SA				ON-HP-16		Sample Disassemble	22a
1HP-251	OFD-101A-1.3	D9	B	B	ACT	Globe	MA	FS-CS			ON-HP-06			22
1HP-252	OFD-101A-1.3	E9	B	C	ACT	StopCheck	SA				ON-HP-16		Sample Disassemble	22a

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
1HP-302	OFD-101A-1.1	F10	C	C	PAS	Relief	SA	RV-RV						22
1HP-304	OFD-101A-1.1	G6	C	C	PAS	Relief	SA	RV-RV						22
1HP-363	OFD-101A-1.2	F7	C	B	ACT	Globe	MA	FS-Q						22
1HP-364	OFD-101A-1.2	F7	B	C	ACT	Check	SA				ON-HP-09		Sample Disassemble	22a
1HP-390	OFD-101A-1.4	F10	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22
1HP-393	OFD-101A-1.4	I10	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			[redacted]
1HP-398-SSF	OFD-101A-1.5	F11	B	B	ACT	Gate	MO	FS-CS			ON-SSF-03			22
1HP-399-SSF	OFD-101A-1.5	G13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
1HP-400-SSF	OFD-101A-1.5	H13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
1HP-401-SSF	OFD-101A-1.5	F13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
1HP-402-SSF	OFD-101A-1.5	F13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
1HP-404	OFD-101A-1.5	G9	B	C	PAS	Relief	SA	RV-RV						22
1HP-405-SSF	OFD-101A-1.5	H10	B	A	PAS	Gate	MO		LJ-RF					22
1HP-409	OFD-101A-1.4	D7	B	B	ACT	Gate	MO	FS-CS			ON-HP-04			22
1HP-410	OFD-101A-1.4	H7	B	B	ACT	Gate	MO	FS-CS			ON-HP-04			22
1HP-417-SSF	OFD-101A-1.5	H9	B	A	ACT	Globe	MO	FS-Q	LJ-RF					22
1HP-426-SSF	OFD-101A-1.5	J9	B	A	ACT	Globe	MO	FS-CS	LJ-RF		ON-SSF-04			[redacted]
1HP-428-SSF	OFD-101A-1.5	J13	B	A	ACT	Gate	MO	FS-Q	LJ-RF					22
1HP-454	OFD-101A-1.4	G10	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22
1HP-457	OFD-101A-1.4	H10	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	LOW PRESSURE INJECTION													
1LP-001	OFD-102A-1.1	H2	A	B	ACT	Gate	MO	FS-CS			ON-LP-01			22
1LP-002	OFD-102A-1.1	H2	A	B	ACT	Gate	MO	FS-CS			ON-LP-01			22
1LP-009	OFD-102A-1.2	I7	B	B	ACT	Gate	MO	FS-Q						22
1LP-010	OFD-102A-1.2	G7	B	B	ACT	Gate	MO	FS-Q						22
1LP-012	OFD-102A-1.2	K11	B	B	ACT	Globe	MO	FS-Q						[redacted]
1LP-014	OFD-102A-1.2	E11	B	B	ACT	Globe	MO	FS-Q						22
1LP-015	OFD-102A-1.2	L11	B	B	ACT	Gate	MO	FS-Q						22
1LP-016	OFD-102A-1.2	O-4	B	B	ACT	Gate	MO	FS-Q						22
1LP-017	OFD-102A-1.2	K13	B	B	ACT	Gate	MO	FS-CS			ON-LP-07			22a
1LP-018	OFD-102A-1.2	E13	B	B	ACT	Gate	MO	FS-CS			ON-LP-07			22a
1LP-019	OFD-102A-1.1	D5	B	B	ACT	Gate	MO	FS-Q						22
1LP-020	OFD-102A-1.1	D5	B	B	ACT	Gate	MO	FS-Q						22
1LP-021	OFD-102A-1.1	F7	B	B	ACT	Gate	MO	FS-Q						22
1LP-022	OFD-102A-1.1	D7	B	B	ACT	Gate	MO	FS-Q						22
1LP-028	OFD-102A-1.1	H10	B	B	ACT	Gate	MA	FS-CS			ON-LP-05			22
1LP-029	OFD-102A-1.1	F6	B	A/C	ACT	Check	SA	FS-Q	LT-RF					[redacted]
1LP-030	OFD-102A-1.1	D6	B	A/C	ACT	Check	SA	FS-Q	LT-RF					22
1LP-031	OFD-102A-1.2	K5	B	C	ACT	Check	SA	PS-Q FS-CS			ON-LP-04			22
1LP-033	OFD-102A-1.2	E6	B	C	ACT	Check	SA	FS-Q						22
1LP-047	OFD-102A-1.2	E14	A	A/C	ACT	Check	SA	FS-CS	LT-CS		ON-LP-02	Inter-System LOCA Test		22
1LP-048	OFD-102A-1.2	K14	A	A/C	ACT	Check	SA	FS-CS	LT-FS		ON-LP-02	Inter-System LOCA Test		22
1LP-055	OFD-101A-1.3	K3	B	C	ACT	Check	SA	PS-CS FS-RF			ON-LP-06			22
1LP-057	OFD-101A-1.3	C3	B	C	ACT	Check	SA	PS-CS FS-RF			ON-LP-06			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
LOW PRESSURE SERVICE WATER														
1LPSW-004	OFD-124B-1.1	K6	C	B	ACT	Gate	MO	FS-Q						22
1LPSW-005	OFD-124B-1.1	H6	C	B	ACT	Gate	MO	FS-Q						22
1LPSW-006	OFD-124B-1.4	L2	B	B	ACT	Gate	MO	FS-CS			ON-LPSW-01			22
1LPSW-015	OFD-124B-1.4	G14	B	A	ACT	Butterfly	MO	FS-CS	LJ-RF		ON-LPSW-01			22
1LPSW-018	OFD-124B-1.2	D3	B	B	ACT	Butterfly	MO	FS-Q						22
1LPSW-021	OFD-124B-1.2	D8	B	B	ACT	Butterfly	MO	FS-Q						22
1LPSW-024	OFD-124B-1.2	D12	B	B	ACT	Butterfly	MO	FS-Q						22
1LPSW-025	OFD-124A-1.1	D7	C	C	ACT	Check	SA	FS-Q						22
1LPSW-028	OFD-124A-1.1	J7	C	C	ACT	Check	SA	FS-Q						22
1LPSW-031	OFD-124A-1.1	G7	C	C	ACT	Check	SA	FS-Q						22
1LPSW-075	OFD-124B-1.1	K6	C	C	ACT	Check	SA	FS-Q						22
1LPSW-076	OFD-124B-1.1	H6	C	C	ACT	Check	SA	FS-Q						22
1LPSW-137	OFD-124A-1.3	K11	C	B	ACT	Gate	MO	FS-Q						22
1LPSW-138	OFD-124A-1.3	L11	C	B	ACT	Globe	AO	FS-Q						22
1LPSW-139	OFD-124A-1.1	C8	C	B	ACT	Butterfly	MO				ON-LPSW-04			22
1LPSW-148	OFD-124B-1.1	L4	C	C	ACT	Check	SA	FS-Q			ON-LPSW-03	Q test in open direction SD to test in closed direction	Sample Disassemble	[redacted]
1LPSW-151	OFD-124B-1.1	F3	C	C	ACT	Check	SA	FS-Q			ON-LPSW-03	Q test in open direction SD to test in closed direction	Sample Disassemble	22a
1LPSW-251	OFD-124B-1.1	J8	C	B	ACT	Butterfly	AO	FS-Q						22
1LPSW-252	OFD-124B-1.1	I8	C	B	ACT	Butterfly	AO	FS-Q						22
1LPSW-516	OFD-124A-1.3	K5	N	B	ACT	Butterfly	AO	FS-Q						22
1LPSW-525	OFD-124A-1.3	J5	N	B	ACT	Butterfly	AO	FS-Q						22
1LPSW-565	OFD-124B-1.2	J8	B	B	ACT	Gate	MO	FS-Q						22
1LPSW-566	OFD-124B-1.2	I8	B	B	ACT	Gate	MO	FS-Q						22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	MAIN STEAM													
1MS-001	OFD-122A-1.1	J9	B	C	ACT	Relief	SA	RV-RV						22
1MS-002	OFD-122A-1.1	J4	B	C	ACT	Relief	SA	RV-RV						22
1MS-003	OFD-122A-1.1	J7	B	C	ACT	Relief	SA	RV-RV						22
1MS-004	OFD-122A-1.1	J5	B	C	ACT	Relief	SA	RV-RV						22
1MS-005	OFD-122A-1.1	J8	B	C	ACT	Relief	SA	RV-RV						22
1MS-006	OFD-122A-1.1	J5	B	C	ACT	Relief	SA	RV-RV						22
1MS-007	OFD-122A-1.1	J7	B	C	ACT	Relief	SA	RV-RV						22
1MS-008	OFD-122A-1.1	J6	B	C	ACT	Relief	SA	RV-RV						22
1MS-009	OFD-122A-1.1	D9	B	C	ACT	Relief	SA	RV-RV						22
1MS-010	OFD-122A-1.1	D4	B	C	ACT	Relief	SA	RV-RV						22
1MS-011	OFD-122A-1.1	D7	B	C	ACT	Relief	SA	RV-RV						22
1MS-012	OFD-122A-1.1	D5	B	C	ACT	Relief	SA	RV-RV						22
1MS-013	OFD-122A-1.1	D8	B	C	ACT	Relief	SA	RV-RV						22
1MS-014	OFD-122A-1.1	D5	B	C	ACT	Relief	SA	RV-RV						22
1MS-015	OFD-122A-1.1	D7	B	C	ACT	Relief	SA	RV-RV						22
1MS-016	OFD-122A-1.1	D6	B	C	ACT	Relief	SA	RV-RV						22
1MS-017	OFD-122A-1.2	I5	B	B	ACT	Gate	MO	FS-CS			ON-MS-02			22
1MS-024	OFD-122A-1.2	H3	B	B	ACT	Gate	MO	FS-Q						22
1MS-025	OFD-122A-1.2	G3	N	C	ACT	Check	SA				ON-MS-05	PS thru normal operations	Sample Disassemble	22a
1MS-026	OFD-122A-1.2	D5	B	B	ACT	Gate	MO	FS-CS			ON-MS-02			22
1MS-033	OFD-122A-1.2	E3	B	B	ACT	Gate	MO	FS-Q						22
1MS-034	OFD-122A-1.2	F3	N	C	ACT	Check	SA				ON-MS-05	PS thru normal operations	Sample Disassemble	22a
1MS-035	OFD-122A-1.3	L2	B	B	ACT	Gate	MO	FS-CS			ON-MS-03			22
1MS-036	OFD-122A-1.3	F2	B	B	ACT	Gate	MO	FS-CS			ON-MS-03			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	AUXILIARY STEAM													
2AS-001	OFD-128A-2.1	H6	N	C	ACT	Check	SA				ON-AS-02	PS thru normal operations	Sample Disassemble	22a
2AS-039	OFD-122A-2.4	H6	C	C	ACT	Check	SA	FS-Q			ON-AS-01	Q test in open direction SD to test in closed direction	Sample Disassemble	22a
2AS-040	OFD-128A-2.1	H3	N	B	ACT	Gate	MO	FS-Q						22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	BUILDING SPRAY (REACTOR)													
2BS-001	OFD-103A-2.1	J8	B	B	ACT	Globe	MO	FS-Q						22
2BS-002	OFD-103A-2.1	E8	B	B	ACT	Globe	MO	FS-Q						22
2BS-005	OFD-102A-2.1	E8	B	C	ACT	Check	SA	PS-Q		11				22
2BS-006	OFD-102A-2.1	C10	B	C	ACT	Check	SA	PS-Q		11				[redacted]
2BS-011	OFD-103A-2.1	J6	B	C	ACT	Check	SA	PS-Q			ON-BS-01		Sample Disassemble	[redacted]
2BS-014	OFD-103A-2.1	J10	B	C	ACT	Check	SA	PS-RF			ON-BS-02	PS is with air	Sample Disassemble	22a
2BS-016	OFD-103A-2.1	E6	B	C	ACT	Check	SA	PS-Q			ON-BS-01		Sample Disassemble	22a
2BS-019	OFD-103A-2.1	E10	B	C	ACT	Check	SA	PS-RF			ON-BS-02	PS is with air	Sample Disassemble	22a

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	FEEDWATER													
2FDW-032	OFD-121B-2.3	J6	C	B	ACT	Globe	AO	FS-CS			ON-FDW-03			22
2FDW-033	OFD-121B-2.3	K5	C	B	ACT	Gate	MO	FS-CS			ON-FDW-01			22
2FDW-035	OFD-121B-2.3	K6	C	B	ACT	Globe	AO	FS-CS			ON-FDW-01			22
2FDW-039	OFD-121D-2.1	J10	B	C	ACT	Check	SA				ON-FDW-04		Sample Disassemble	22
2FDW-041	OFD-121B-2.3	D5	C	B	ACT	Globe	AO	FS-CS			ON-FDW-03			22
2FDW-042	OFD-121B-2.3	E5	C	B	ACT	Gate	MO	FS-CS			ON-FDW-01			22
2FDW-044	OFD-121B-2.3	F7	C	B	ACT	Globe	AO	FS-CS			ON-FDW-01			22
2FDW-091	OFD-121D-2.1	I2	N	C	ACT	Check	SA	FS-Q						22
2FDW-103	OFD-121B-2.5	J9	B	A	PAS	Gate	MO	FS-Q	LJ-RF					22
2FDW-104	OFD-121B-2.5	C9	B	A	PAS	Gate	MO	FS-Q	LJ-RF					22
2FDW-105	OFD-110A-2.1	F3	B	A	ACT	Globe	MO	FS-Q	LJ-RF					22
2FDW-106	OFD-110A-2.1	F6	B	A	ACT	Gate	AO	FS-Q	LJ-RF					22
2FDW-107	OFD-110A-2.1	D3	B	A	ACT	Gate	MO	FS-Q	LJ-RF					22
2FDW-108	OFD-110A-2.1	D6	B	A	ACT	Gate	AO	FS-Q	LJ-RF					22
2FDW-232	OFD-121D-2.1	K13	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-233	OFD-121D-2.1	D13	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-311	OFD-121D-2.1	J6	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-312	OFD-121D-2.1	E7	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-315	OFD-121D-2.1	K10	C	B	ACT	Globe	AO	FS-Q						22
2FDW-316	OFD-121D-2.1	D10	C	B	ACT	Globe	AO	FS-Q						22
2FDW-317	OFD-121D-2.1	K10	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-318	OFD-121D-2.1	D10	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-329	OFD-121B-2.5	I8	B	A	PAS	Gate	MA		LJ-RF					22
2FDW-331	OFD-121B-2.5	C8	B	A	PAS	Gate	MA		LJ-RF					22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
2FDW-334	OFD-121B-2.5	K7	B	A	PAS	Gate	MA		LJ-RF					22
2FDW-335	OFD-121B-2.5	C6	B	A	PAS	Gate	MA		LJ-RF					22
2FDW-345	OFD-121D-2.1	K12	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-346	OFD-121D-2.1	D12	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-347-SSF	OFD-121D-2.1	D13	C	B	ACT	Gate	MO	FS-CS			ON-SSF-05			22
2FDW-370	OFD-121D-2.1	K3	C	C	ACT	Check	SA	FS-Q						22
2FDW-372	OFD-121D-2.1	K7	C	B	ACT	Gate	MO	FS-Q						22
2FDW-373	OFD-121D-2.1	K7	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-378	OFD-121D-2.1	K3	C	C	ACT	Check	SA	FS-Q						22
2FDW-380	OFD-121D-2.1	D3	C	C	ACT	Check	SA	FS-Q						22
2FDW-382	OFD-121D-2.1	D7	C	B	ACT	Gate	MO	FS-Q						22
2FDW-383	OFD-121D-2.1	D6	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
2FDW-388	OFD-121D-2.1	D3	C	C	ACT	Check	SA	FS-Q						22
2FDW-432	OFD-121D-2.1	E10	C	C	ACT	Check	SA				ON-FDW-04		Sample Disassemble	22a
2FDW-442	OFD-121D-2.1	D11	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
2HP-112	OFD-101A-2.3	D6	B	C	PAS	Relief	SA	RV-RV						22
2HP-113	OFD-101A-2.3	D10	B	C	ACT	Check	SA	PS-Q FS-RF			ON-HP-11			22
2HP-126	OFD-101A-2.4	J13	A	C	ACT	Stop Check	MA	PS-CS FS-RF			ON-HP-12			22
2HP-127	OFD-101A-2.4	J13	A	C	ACT	Stop Check	MA	PS-CS FS-RF			ON-HP-12			22
2HP-144	OFD-101A-2.4	F12	B	A/C	ACT	Stop Check	MA	FS-RF	LJ-RF		ON-HP-17	Reverse Direction Leak Test		22
2HP-145	OFD-101A-2.4	G12	B	A/C	ACT	Stop Check	MA	FS-RF	LJ-RF		ON-HP-17	Reverse Direction Leak Test		22
2HP-146	OFD-101A-2.4	H12	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22
2HP-147	OFD-101A-2.4	I12	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22
2HP-152	OFD-101A-2.4	D13	A	C	ACT	Stop Check	MA	PS-CS FS-RF			ON-HP-13			22
2HP-153	OFD-101A-2.4	E13	A	C	ACT	Stop Check	MA	PS-CS FS-RF			ON-HP-13			22
2HP-155	OFD-127B-2.2	H7	B	A	PAS	Globe	MA		LJ-RF					22
2HP-156	OFD-127B-2.2	I7	B	A	PAS	Globe	MA		LJ-RF					22
2HP-188	OFD-101A-2.4	D11	A	C	ACT	Check	SA	PS-CS FS-RF			ON-HP-14			22
2HP-189	OFD-101A-2.2	F5	C	C	ACT	Check	SA				ON-HP-08		Sample Disassemble	22a
2HP-194	OFD-101A-2.4	J10	A	C	ACT	Check	SA	PS-Q FS-RF			ON-HP-15			22
2HP-247	OFD-101A-2.3	K10	B	B	ACT	Globe	MA	FS-CS			ON-HP-06			22
2HP-248	OFD-101A-2.3	L10	B	C	ACT	Stop Check	MA				ON-HP-16		Sample Disassemble	22a
2HP-249	OFD-101A-2.3	H9	B	B	ACT	Globe	MA	FS-CS			ON-HP-06			22
2HP-250	OFD-101A-2.3	I9	B	C	ACT	Stop Check	MA				ON-HP-16		Sample Disassemble	22a
2HP-251	OFD-101A-2.3	D9	B	B	ACT	Globe	MA	FS-CS			ON-HP-06			22
2HP-252	OFD-101A-2.3	E9	B	C	ACT	Stop Check	MA				ON-HP-16		Sample Disassemble	22a
2HP-286	OFD-101A-2.4	H10	B	A/C	ACT	Stop Check	MA	FS-RF	LJ-RF		ON-HP-17			22
2HP-302	OFD-101A-2.1	F8	C	C	PAS	Relief	SA	RV-RV						22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
2HP-363	OFD-101A-2.2	F7	C	B	ACT	Gate	MA	FS-CS						22
2HP-364	OFD-101A-2.2	F7	B	C	ACT	Check	SA				ON-HP-09		Sample Disassemble	22a
2HP-389	OFD-101A-2.4	I10	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22
2HP-390	OFD-101A-2.4	G10	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22
2HP-398-SSF	OFD-101A-2.5	F11	B	B	ACT	Gate	MO	FS-CS			ON-SSF-03			22
2HP-399-SSF	OFD-101A-2.5	H13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
2HP-400-SSF	OFD-101A-2.5	G13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
2HP-401-SSF	OFD-101A-2.5	F13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
2HP-402-SSF	OFD-101A-2.5	F13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
2HP-404	OFD-101A-2.5	G9	B	C	PAS	Relief	SA	RV-RV						22
2HP-405-SSF	OFD-101A-2.5	H10	B	A	PAS	Gate	MO	FS-Q	LJ-RF					22
2HP-409	OFD-101A-2.4	E8	B	B	ACT	Gate	MO	FS-CS			ON-HP-04			22
2HP-410	OFD-101A-2.4	F7	B	B	ACT	Gate	MO	FS-CS			ON-HP-04			22
2HP-417-SSF	OFD-101A-2.5	I9	B	A	ACT	Globe	MO	FS-Q	LJ-RF					22
2HP-426-SSF	OFD-101A-2.5	J9	B	A	ACT	Globe	MO	FS-CS	LJ-RF		ON-SSF-04			22
2HP-428-SSF	OFD-101A-2.5	J13	B	A	ACT	Gate	MO	FS-Q	LJ-RF					22
2HP-454	OFD-101A-2.4	G10	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	LOW PRESSURE INJECTION													
2LP-001	OFD-102A-2.1	H2	A	B	ACT	Gate	MO	FS-CS			ON-LP-01			22
2LP-002	OFD-102A-2.1	H2	A	B	ACT	Gate	MO	FS-CS			ON-LP-01			22
2LP-003	OFD-102A-2.1	H6	B	B	ACT	Gate	MO	FS-Q						22
2LP-009	OFD-102A-2.2	I8	B	B	ACT	Gate	MO	FS-Q						[redacted]
2LP-010	OFD-102A-2.2	H8	B	B	ACT	Gate	MO	FS-Q						[redacted]
2LP-012	OFD-102A-2.2	K11	B	B	ACT	Globe	MO	FS-Q						22
2LP-014	OFD-102A-2.2	E11	B	B	ACT	Globe	MO	FS-Q						22
2LP-015	OFD-102A-2.2	L11	B	B	ACT	Gate	MO	FS-Q						22
2LP-016	OFD-102A-2.2	D11	B	B	ACT	Gate	MO	FS-Q						22
2LP-017	OFD-102A-2.2	K12	B	B	ACT	Gate	MO	FS-CS			ON-LP-07			22a
2LP-018	OFD-102A-2.2	E13	B	B	ACT	Gate	MO	FS-CS			ON-LP-07			22a
2LP-019	OFD-102A-2.1	D5	B	B	ACT	Gate	MO	FS-Q						22
2LP-020	OFD-102A-2.1	D5	B	B	ACT	Gate	MO	FS-Q						22
2LP-021	OFD-102A-2.1	E7	B	B	ACT	Gate	MO	FS-Q						22
2LP-022	OFD-102A-2.1	D7	B	B	ACT	Gate	MO	FS-Q						22
2LP-028	OFD-102A-2.1	H10	B	B	ACT	Gate	MA	FS-CS			ON-LP-05			[redacted]
2LP-029	OFD-102A-2.1	F6	B	A/C	ACT	Check	SA	FS-Q	LT-RF					22
2LP-030	OFD-102A-2.1	D6	B	A/C	ACT	Check	SA	FS-Q	LT-RF					22
2LP-031	OFD-102A-2.2	K5	B	C	ACT	Check	SA	PS-Q FS-CS			ON-LP-04			22
2LP-033	OFD-102A-2.2	E5	B	C	ACT	Check	SA	FS-Q						22
2LP-047	OFD-102A-2.2	E14	A	A/C	ACT	Check	SA	FS-CS	LT-CS		ON-LP-02	Inter-System LOCA Test		22
2LP-048	OFD-102A-2.2	K14	A	A/C	ACT	Check	SA	FS-CS	LT-CS		ON-LP-02	Inter-System LOCA Test		22
2LP-055	OFD-101A-2.3	K3	B	C	ACT	Check	SA	PS-CS FS-RF			ON-LP-06			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	LOW PRESSURE SERVICE WATER													
2LPSW-004	OFD-124B-2.1	K6	C	B	ACT	Gate	MO	FS-Q						22
2LPSW-005	OFD-124B-2.1	H6	C	B	ACT	Gate	MO	FS-Q						22
2LPSW-006	OFD-124B-2.4	L2	B	B	ACT	Gate	MO	FS-CS			ON-LPSW-01			22
2LPSW-015	OFD-124B-2.4	G14	B	A	ACT	Butterfly	MO	FS-CS	LJ-RF		ON-LPSW-01			22
2LPSW-018	OFD-124B-2.2	D3	B	B	ACT	Butterfly	MO	FS-Q						22
2LPSW-021	OFD-124B-2.2	D8	B	B	ACT	Butterfly	MO	FS-Q						22
2LPSW-024	OFD-124B-2.2	D12	B	B	ACT	Butterfly	MO	FS-Q						22
2LPSW-075	OFD-124B-2.1	K7	C	C	ACT	Check	SA	FS-Q						22
2LPSW-076	OFD-124B-2.1	H7	C	C	ACT	Check	SA	FS-Q						22
2LPSW-137	OFD-124A-2.2	K11	C	B	ACT	Gate	MO	FS-Q						22
2LPSW-138	OFD-124A-2.3	L11	C	B	ACT	Globe	AO	FS-Q						22
2LPSW-148	OFD-124B-2.1	L7	C	C	ACT	Check	SA	FS-Q						22
2LPSW-151	OFD-124B-2.1	G10	C	C	ACT	Check	SA	FS-Q						22
2LPSW-251	OFD-124B-2.1	J8	C	B	ACT	Butterfly	AO	FS-Q						22
2LPSW-252	OFD-124B-2.1	I8	C	B	ACT	Butterfly	AO	FS-Q						22
2LPSW-503	OFD-124B-2.1	G3	C	C	ACT	Check	SA	FS-Q			ON-LPSW-03	Q test in open direction SD to test in closed direction	Sample Disassemble	22
2LPSW-516	OFD-124A-2.3	K5	N	B	ACT	Butterfly	AO	FS-Q						22
2LPSW-525	OFD-124A-2.3	J5	N	B	ACT	Butterfly	AO	FS-Q						22
2LPSW-565	OFD-124B-2.2	J8	B	B	ACT	Gate	MO	FS-Q						22
2LPSW-566	OFD-124B-2.2	I8	B	B	ACT	Gate	MO	FS-Q						22
2LPSW-900	OFD-124C-2.2	H10	C	C	ACT	Check	SA	FS-Q						22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	MAIN STEAM													
2MS-001	OFD-122A-2.1	J9	B	C	ACT	Relief	SA	RV-RV						22
2MS-002	OFD-122A-2.1	J4	B	C	ACT	Relief	SA	RV-RV						22
2MS-003	OFD-122A-2.1	J7	B	C	ACT	Relief	SA	RV-RV						22
2MS-004	OFD-122A-2.1	J5	B	C	ACT	Relief	SA	RV-RV						[redacted]
2MS-005	OFD-122A-2.1	J8	B	C	ACT	Relief	SA	RV-RV						[redacted]
2MS-006	OFD-122A-2.1	J5	B	C	ACT	Relief	SA	RV-RV						22
2MS-007	OFD-122A-2.1	J7	B	C	ACT	Relief	SA	RV-RV						22
2MS-008	OFD-122A-2.1	J6	B	C	ACT	Relief	SA	RV-RV						22
2MS-009	OFD-122A-2.1	D9	B	C	ACT	Relief	SA	RV-RV						22
2MS-010	OFD-122A-2.1	D4	B	C	ACT	Relief	SA	RV-RV						22
2MS-011	OFD-122A-2.1	D7	B	C	ACT	Relief	SA	RV-RV						22
2MS-012	OFD-122A-2.1	D5	B	C	ACT	Relief	SA	RV-RV						22
2MS-013	OFD-122A-2.1	D8	B	C	ACT	Relief	SA	RV-RV						22
2MS-014	OFD-122A-2.1	D5	B	C	ACT	Relief	SA	RV-RV						22
2MS-015	OFD-122A-2.1	D7	B	C	ACT	Relief	SA	RV-RV						22
2MS-016	OFD-122A-2.1	D6	B	C	ACT	Relief	SA	RV-RV						[redacted]
2MS-017	OFD-122A-2.2	I5	B	B	ACT	Gate	MO	FS-CS			ON-MS-02			22
2MS-024	OFD-122A-2.2	H3	B	B	ACT	Gate	MO	FS-Q						22
2MS-025	OFD-122A-2.2	G3	N	C	ACT	Check	SA				ON-MS-05	PS thru normal operations	Sample Disassemble	22a
2MS-026	OFD-122A-2.2	D5	B	B	ACT	Gate	MO	FS-CS			ON-MS-02			22
2MS-033	OFD-122A-2.2	E3	B	B	ACT	Gate	MO	FS-Q						22
2MS-034	OFD-122A-2.2	F3	N	C	ACT	Check	SA				ON-MS-05	PS thru normal operations	Sample Disassemble	22a
2MS-035	OFD-122A-2.3	L2	B	B	ACT	Gate	MO	FS-CS			ON-MS-03			22
2MS-036	OFD-122A-2.3	F2	B	B	ACT	Gate	MO	FS-CS			ON-MS-03			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	AUXILIARY STEAM													
3AS-001	OFD-128A-3.1	G6	N	C	ACT	Check	SA				ON-AS-02	PS thru normal operations	Sample Disassemble	22a
3AS-039	OFD-122A-3.4	H6	C	C	ACT	Check	SA	FS-Q			ON-AS-01	Q test in open direction SD to test in closed direction	Sample Disassemble	22a
3AS-040	OFD-128A-3.1	F3	N	B	ACT	Gate	MO	FS-Q						22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	BUIDING SPRAY (REACTOR)													
3BS-001	OFD-103A-3.1	J8	B	B	ACT	Globe	MO	FS-Q						22
3BS-002	OFD-103A-3.1	E8	B	B	ACT	Globe	MO	FS-Q						22
3BS-005	OFD-102A-3.1	F8	B	C	ACT	Check	SA	PS-Q		11				22
3BS-006	OFD-102A-3.1	C9	B	C	ACT	Check	SA	PS-Q		11				22
3BS-011	OFD-103A-3.1	J6	B	C	ACT	Check	SA	PS-Q			ON-BS-01		Sample Disassemble	22a
3BS-014	OFD-103A-3.1	J10	B	C	ACT	Check	SA	PS-RF			ON-BS-02	PS is with air	Sample Disassemble	22a
3BS-016	OFD-103A-3.1	E6	B	C	ACT	Check	SA	PS-Q			ON-BS-01		Sample Disassemble	22a
3BS-019	OFD-103A-3.1	E10	B	C	ACT	Check	SA	PS-RF			ON-BS-02	PS is with air	Sample Disassemble	22a

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	FEEDWATER													
3FDW-032	OFD-121B-3.3	J7	C	B	ACT	Globe	AO	FS-CS			ON-FDW-03			22
3FDW-033	OFD-121B-3.3	K6	C	B	ACT	Gate	MO	FS-CS			ON-FDW-01			22
3FDW-035	OFD-121B-3.3	K7	C	B	ACT	Globe	AO	FS-CS			ON-FDW-01			22
3FDW-039	OFD-121D-3.1	J10	B	C	ACT	Check	SA				ON-FDW-04		Sample Disassemble	22
3FDW-041	OFD-121B-3.3	D7	C	B	ACT	Globe	AO	FS-CS			ON-FDW-03			22
3FDW-042	OFD-121B-3.3	E6	C	B	ACT	Gate	MO	FS-CS			ON-FDW-01			22
3FDW-044	OFD-121B-3.3	F7	C	B	ACT	Globe	AO	FS-CS			ON-FDW-01			22
3FDW-091	OFD-121D-3.1	H3	N	C	ACT	Check	SA	FS-Q						22
3FDW-103	OFD-121B-3.5	J9	B	A	PAS	Gate	MO	FS-Q	LJ-RF					22
3FDW-104	OFD-121B-3.5	D9	B	A	PAS	Gate	MO	FS-Q	LJ-RF					22
3FDW-105	OFD-110A-3.1	D2	B	A	ACT	Gate	MO	FS-Q	LJ-RF					22
3FDW-106	OFD-110A-3.1	D6	B	A	ACT	Gate	AO	FS-Q	LJ-RF					22
3FDW-107	OFD-110A-3.1	F3	B	A	ACT	Gate	MO	FS-Q	LJ-RF					22
3FDW-108	OFD-110A-3.1	F6	B	A	ACT	Gate	AO	FS-Q	LJ-RF					22
3FDW-232	OFD-121D-3.1	K13	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-233	OFD-121D-3.1	D13	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-311	OFD-121D-3.1	I6	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-312	OFD-121D-3.1	E6	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-315	OFD-121D-3.1	K10	C	B	ACT	Globe	AO	FS-Q						22
3FDW-316	OFD-121D-3.1	D10	C	B	ACT	Globe	AO	FS-Q						22
3FDW-317	OFD-121D-3.1	K10	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-318	OFD-121D-3.1	D10	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-329	OFD-121B-3.5	J8	B	A	PAS	Gate	MA		LJ-RF					22
3FDW-331	OFD-121B-3.5	D8	B	A	PAS	Gate	MA		LJ-RF					22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
3FDW-334	OFD-121B-3.5	L6	B	A	PAS	Gate	MA		LJ-RF					22
3FDW-335	OFD-121B-3.5	C6	B	A	PAS	Gate	MA		LJ-RF					22
3FDW-345	OFD-121D-3.1	K13	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-346	OFD-121D-3.1	D12	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-347-SSF	OFD-121D-3.1	D13	C	B	ACT	Gate	MO	FS-CS			ON-SSF-05			22
3FDW-370	OFD-121D-3.1	K4	C	C	ACT	Check	SA	FS-Q						22
3FDW-372	OFD-121D-3.1	K7	C	B	ACT	Gate	MO	FS-Q						22
3FDW-373	OFD-121D-3.1	K7	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-378	OFD-121D-3.1	D12	C	C	ACT	Check	SA	FS-Q						22
3FDW-380	OFD-121D-3.1	D4	C	C	ACT	Check	SA	FS-Q						22
3FDW-382	OFD-121D-3.1	D7	C	B	ACT	Gate	MO	FS-Q						22
3FDW-383	OFD-121D-3.1	D7	C	C	ACT	Check	SA	FS-CS			ON-FDW-02			22
3FDW-388	OFD-121D-3.1	D4	C	C	ACT	Check	SA	FS-Q						22
3FDW-432	OFD-121D-3.1	E10	C	C	ACT	Check	SA				ON-FDW-04		Sample Disassemble	22a
3FDW-442	OFD-121D-3.1	D11	B	C	ACT	Check	SA	FS-CS			ON-FDW-02			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
3HP-109	OFD-101A-3.3	G10	B	C	ACT	Check	SA	PS-Q FS-RF			ON-HP-11			22
3HP-112	OFD-101A-3.3	C5	B	C	PAS	Relief	SA	RV-RV						22
3HP-113	OFD-101A-3.3	D10	B	C	ACT	Check	SA	PS-Q FS-RF			ON-HP-11			22
3HP-126	OFD-101A-3.4	J11	A	C	ACT	Stop Check	SA	PS-CS FS-RF			ON-HP-12			22
3HP-127	OFD-101A-3.4	J11	A	C	ACT	Stop Check	SA	PS-CS FS-RF			ON-HP-12			22
3HP-144	OFD-101A-3.4	H13	B	A/C	ACT	Stop Check	SA	FS-RF	LJ-RF		ON-HP-17	Reverse Direction Leak Test		22
3HP-145	OFD-101A-3.4	I13	B	A/C	ACT	Stop Check	SA	FS-RF	LJ-RF		ON-HP-17	Reverse Direction Leak Test		22
3HP-146	OFD-101A-3.4	G13	B	A/C	ACT	Stop Check	SA	FS-RF	LJ-RF		ON-HP-17	Reverse Direction Leak Test		22
3HP-147	OFD-101A-3.4	F13	B	A/C	ACT	Stop Check	SA	FS-RF	LJ-RF		ON-HP-17	Reverse Direction Leak Test		22
3HP-152	OFD-101A-3.4	D13	A	C	ACT	Stop Check	SA	PS-CS FS-RF			ON-HP-13			22
3HP-153	OFD-101A-3.4	E13	A	C	ACT	Stop Check	SA	PS-CS FS-RF			ON-HP-13			22
3HP-155	OFD-127B-3.2	H7	B	A	PAS	Globe	MA		LJ-RF					22
3HP-156	OFD-127B-3.2	I7	B	A	PAS	Globe	MA		LJ-RF					22
3HP-188	OFD-101A-3.4	D10	A	C	ACT	Check	SA	PS-CS FS-RF			ON-HP-14			22
3HP-189	OFD-101A-3.2	F5	C	C	ACT	Check	SA				ON-HP-08		Sample Disassemble	22a
3HP-194	OFD-101A-3.4	J8	A	C	ACT	Check	SA	FS-Q FS-RF			ON-HP-15			22
3HP-247	OFD-101A-3.3	K9	B	B	ACT	Globe	MA	FS-CS			ON-HP-06			22
3HP-248	OFD-101A-3.3	H9	B	C	ACT	Stop Check	SA				ON-HP-16		Sample Disassemble	22a
3HP-249	OFD-101A-3.3	H9	B	B	ACT	Globe	MA	FS-CS			ON-HP-06			22
3HP-250	OFD-101A-3.3	I9	B	C	ACT	Stop Check	SA				ON-HP-16		Sample Disassemble	22a
3HP-251	OFD-101A-3.3	D8	B	B	ACT	Globe	MA	FS-CS			ON-HP-06			22
3HP-252	OFD-101A-3.3	F8	B	C	ACT	Stop Check	SA				ON-HP-16		Sample Disassemble	22a

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
3HP-285	OFD-101A-3.4	F11	B	A/C	ACT	Stop Check	SA	FS-RF	LJ-RF		ON-HP-17			22
3HP-302	OFD-101A-3.1	F8	C	C	PAS	Relief	SA	RV-RV						22
3HP-363	OFD-101A-3.2	F7	C	B	ACT	Gate	MA	FS-Q						22
3HP-364	OFD-101A-3.2	F8	B	C	ACT	Check	SA				ON-HP-09		Sample Disassemble	22a
3HP-390	OFD-101A-3.4	I11	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22
3HP-398-SSF	OFD-101A-3.5	F11	B	B	ACT	Gate	MO	FS-CS			ON-SSF-03			22
3HP-399-SSF	OFD-101A-3.5	H13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
3HP-400-SSF	OFD-101A-3.5	G13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
3HP-401-SSF	OFD-101A-3.5	F13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
3HP-402-SSF	OFD-101A-3.5	F13	B	C	ACT	Check	SA	FS-CS			ON-SSF-02			22
3HP-404	OFD-101A-3.5	G9	B	C	PAS	Relief	SA	RV-RV						22
3HP-405-SSF	OFD-101A-3.5	H10	B	A	PAS	Gate	MO		LJ-RF					22
3HP-409	OFD-101A-3.4	E8	B	B	ACT	Gate	MO	FS-CS			ON-HP-04			22
3HP-410	OFD-101A-3.4	I7	B	B	ACT	Gate	MO	FS-CS			ON-HP-04			22
3HP-417-SSF	OFD-101A-3.5	I9	B	A	ACT	Globe	MO	FS-Q	LJ-RF					22
3HP-426-SSF	OFD-101A-3.5	K9	B	A	ACT	Globe	MO	FS-CS	LJ-RF		ON-SSF-04			22
3HP-428-SSF	OFD-101A-3.5	J13	B	A	ACT	Gate	MO	FS-Q	LJ-RF					22
3HP-454	OFD-101A-3.4	H11	B	A/C	ACT	Check	SA	FS-RF	LJ-RF		ON-HP-17			22
3HP-457	OFD-101A-3.4	G11	B	A/C	ACT	Stop Check	MA	FS-RF	LJ-RF		ON-HP-17			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	LOW PRESSURE INJECTION													
3LP-001	OFD-102A-3.1	H2	A	B	ACT	Gate	MO	FS-CS			ON-LP-01			22
3LP-002	OFD-102A-3.1	H2	A	B	ACT	Gate	MO	FS-CS			ON-LP-01			22
3LP-003	OFD-102A-3.1	H6	B	B	ACT	Gate	MO	FS-Q						22
3LP-009	OFD-102A-3.2	I7	B	B	ACT	Gate	MO	FS-Q						22
3LP-010	OFD-102A-3.2	G7	B	B	ACT	Gate	MO	FS-Q						22
3LP-012	OFD-102A-3.2	K11	B	B	ACT	Globe	MO	FS-Q						22
3LP-014	OFD-102A-3.2	E11	B	B	ACT	Globe	MO	FS-Q						22
3LP-015	OFD-102A-3.2	K12	B	B	ACT	Gate	MO	FS-Q						22
3LP-016	OFD-102A-3.2	E12	B	B	ACT	Gate	MO	FS-Q						22
3LP-017	OFD-102A-3.2	K13	B	B	ACT	Gate	MO	FS-CS			ON-LP-07			22a
3LP-018	OFD-102A-3.2	E13	B	B	ACT	Gate	MO	FS-CS			ON-LP-07			22a
3LP-019	OFD-102A-3.1	D5	B	B	ACT	Gate	MO	FS-Q						22
3LP-020	OFD-102A-3.1	D5	B	B	ACT	Gate	MO	FS-Q						22
3LP-021	OFD-102A-3.1	E7	B	B	ACT	Gate	MO	FS-Q						22
3LP-022	OFD-102A-3.1	D7	B	B	ACT	Gate	MO	FS-Q						22
3LP-028	OFD-102A-3.1	H10	B	B	ACT	Gate	MA	FS-CS			ON-LP-05			1
3LP-029	OFD-102A-3.1	E7	B	A/C	ACT	Check	SA	FS-Q	LT-RF					22
3LP-030	OFD-102A-3.1	C6	B	A/C	ACT	Check	SA	FS-Q	LT-RF					22
3LP-031	OFD-102A-3.2	K5	B	C	ACT	Check	SA	PS-Q FS-CS			ON-LP-04			22
3LP-033	OFD-102A-3.2	E5	B	C	ACT	Check	SA	FS-Q						22
3LP-047	OFD-102A-3.2	E14	A	A/C	ACT	Check	SA	FS-CS	LT-CS		ON-LP-02	Inter-System LOCA Test		22
3LP-048	OFD-102A-3.2	K14	A	A/C	ACT	Check	SA	FS-CS	LT-CS		ON-LP-02	Inter-System LOCA Test		22
3LP-055	OFD-101A-3.3	K3	B	C	ACT	Check	SA	PS-CS FS-RF			ON-LP-06			22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	LOW PRESSURE SERVICE WATER													
3LPSW-004	OFD-124B-3.1	K6	C	B	ACT	Gate	MO	FS-Q						22
3LPSW-005	OFD-124B-3.1	H6	C	B	ACT	Gate	MO	FS-Q						22
3LPSW-006	OFD-124B-3.4	L2	B	B	ACT	Gate	MO	FS-CS			ON-LPSW-01			22
3LPSW-015	OFD-124B-3.4	G14	B	A	ACT	Butterfly	MO	FS-CS	LJ-RF		ON-LPSW-01			22
3LPSW-018	OFD-124B-3.2	C3	B	B	ACT	Butterfly	MO	FS-Q						22
3LPSW-021	OFD-124B-3.2	C8	B	B	ACT	Butterfly	MO	FS-Q						22
3LPSW-024	OFD-124B-3.2	C12	B	B	ACT	Butterfly	MO	FS-Q						22
3LPSW-045	OFD-124A-3.1	E10	C	B	ACT	Butterfly	MO	FS-CS			ON-LPSW-02			22
3LPSW-075	OFD-124B-3.1	K6	C	C	ACT	Check	SA	FS-Q						22
3LPSW-076	OFD-124B-3.1	H6	C	C	ACT	Check	SA	FS-Q						22
3LPSW-121	OFD-124A-3.1	J7	C	C	ACT	Check	SA	FS-Q						22
3LPSW-124	OFD-124A-3.1	G7	C	C	ACT	Check	SA	FS-Q						22
3LPSW-137	OFD-124A-3.3	K11	C	B	ACT	Gate	MO	FS-Q						22
3LPSW-138	OFD-124A-3.3	L11	C	B	ACT	Globe	AO	FS-Q						22
3LPSW-148	OFD-124B-3.1	L4	C	C	ACT	Check	SA	FS-Q			ON-LPSW-03	Q test in open direction SD to test in closed direction	Sample Disassemble	22a
3LPSW-151	OFD-124B-3.1	F8	C	C	ACT	Check	SA	FS-Q						22
3LPSW-404	OFD-124B-3.1	H7	C	B	ACT	Butterfly	AO	FS-Q						22
3LPSW-405	OFD-124B-3.1	K7	C	B	ACT	Butterfly	AO	FS-Q						22
3LPSW-503	OFD-124B-3.1	F3	C	C	ACT	Check	SA	FS-Q			ON-LPSW-03	Q test in open direction SD to test in closed direction	Sample Disassemble	22a
3LPSW-516	OFD-124A-3.3	K5	N	B	ACT	Butterfly	AO	FS-Q						22
3LPSW-525	OFD-124A-3.3	J5	N	B	ACT	Butterfly	AO	FS-Q						22
3LPSW-565	OFD-124B-3.2	I8	B	B	ACT	Gate	MO	FS-Q						22
3LPSW-566	OFD-124B-3.2	I8	B	B	ACT	Gate	MO	FS-Q						22

VALVE NUMBER	FLOW DIAGRAM	FLOW COOR	ASME CLASS	VALVE CATGRY	ACT PAS	VALVE TYPE	ACT TYPE	TEST REQ'MT NO. 1	TEST REQ'MT NO. 2	RELIEF REQST	JUSTIF OF DEFERRAL	REMARKS	TEST ALTERNATIVES	REV
	MAIN STEAM													
3MS-001	OFD-122A-3.1	J9	B	C	ACT	Relief	SA	RV-RV						22
3MS-002	OFD-122A-3.1	J4	B	C	ACT	Relief	SA	RV-RV						22
3MS-003	OFD-122A-3.1	J7	B	C	ACT	Relief	SA	RV-RV						22
3MS-004	OFD-122A-3.1	J5	B	C	ACT	Relief	SA	RV-RV						22
3MS-005	OFD-122A-3.1	J8	B	C	ACT	Relief	SA	RV-RV						22
3MS-006	OFD-122A-3.1	J5	B	C	ACT	Relief	SA	RV-RV						22
3MS-007	OFD-122A-3.1	J7	B	C	ACT	Relief	SA	RV-RV						22
3MS-008	OFD-122A-3.1	J6	B	C	ACT	Relief	SA	RV-RV						22
3MS-009	OFD-122A-3.1	D9	B	C	ACT	Relief	SA	RV-RV						22
3MS-010	OFD-122A-3.1	D4	B	C	ACT	Relief	SA	RV-RV						22
3MS-011	OFD-122A-3.1	D7	B	C	ACT	Relief	SA	RV-RV						22
3MS-012	OFD-122A-3.1	D5	B	C	ACT	Relief	SA	RV-RV						22
3MS-013	OFD-122A-3.1	D8	B	C	ACT	Relief	SA	RV-RV						22
3MS-014	OFD-122A-3.1	D5	B	C	ACT	Relief	SA	RV-RV						22
3MS-015	OFD-122A-3.1	D7	B	C	ACT	Relief	SA	RV-RV						22
3MS-016	OFD-122A-3.1	D6	B	C	ACT	Relief	SA	RV-RV						22
3MS-017	OFD-122A-3.2	I5	B	B	ACT	Gate	MO	FS-CS			ON-MS-02			22
3MS-024	OFD-122A-3.2	H3	B	B	ACT	Gate	MO	FS-Q						22
3MS-025	OFD-122A-3.2	G3	N	C	ACT	Check	SA				ON-MS-05	PS thru normal operations	Sample Disassemble	22a
3MS-026	OFD-122A-3.2	D5	B	B	ACT	Gate	MO	FS-CS			ON-MS-02			22
3MS-033	OFD-122A-3.2	E3	B	B	ACT	Gate	MO	FS-Q						22
3MS-034	OFD-122A-3.2	E3	N	C	ACT	Check	SA				ON-MS-05	PS thru normal operations	Sample Disassemble	22a
3MS-035	OFD-122A-3.3	L2	B	B	ACT	Gate	MO	FS-CS			ON-MS-03			22
3MS-036	OFD-122A-3.3	F2	B	B	ACT	Gate	MO	FS-CS			ON-MS-03			22

4.3 VALVE JUSTIFICATION FOR DEFERRALS | 22a

Justification for Deferral	Applicability	Status
ON-AS-01	EFWPT AS Supply Checks	Written 02/13/95
ON-AS-02	Main Steam Supply Checks	Written 02/13/95
ON-BS-01	A or B RBSP Discharge Checks	Written 02/13/95
ON-BS-02	A or B RBS Containment Isol. Checks	Written 02/13/95
ON-C-01	MDEFWPs Suction from UST Block	Written 02/13/95
ON-C-02	MDEFWPs Suction from UST Check	Written 02/13/95
ON-C-03	MDEFWPs Suction from Hotwell Check	Written 02/13/95
ON-CC-01	CC Supply/Return Containment Isol.	Written 02/13/95
ON-CC-02	CC Supply Containment Isol. Check	Written 02/13/95
ON-CF-01	CFT A and B Outlet Checks	Written 02/13/95
ON-CF-02	LPI/CF Header Checks	Written 02/13/95
ON-CF-03	CFT A and B Inlet Checks	Written 02/13/95
ON-CS-01	Quench Tank Recirc. Containment Isol. Check	Written 02/13/95
ON-FDW-01	OTSG Startup Block and Control	Written 02/13/95
ON-FDW-02	TDEFWP Discharge Checks, EFW to OTSG A or B, and OTSG Emergency Header Checks	Written 02/13/95
ON-FDW-03	A or B OTSG Main Flow Control	Written 02/13/95
ON-FDW-04	Normal FDW to Emergency Checks	Written 02/13/95
ON-HP-01	Letdown Containment Isolation	Written 02/13/95
ON-HP-02	RCP Seal Return Containment Isol.	Written 02/13/95
ON-HP-03	HPI Loop A Emergency Injection Control	Written 02/13/95
ON-HP-04	HPI A or B Crossover Valves	Written 02/13/95
ON-HP-05	LDST Outlet Checks	Written 02/13/95
ON-HP-06	HPI Pump Min. Recirculation Block	Written 02/13/95
ON-HP-07	Letdown Containment Isolation	Written 02/13/95
ON-HP-08	RC Seal Return Line Check	Written 02/13/95
ON-HP-09	HPI Min. Recirc. to LPI Suction Check	Written 02/13/95
ON-HP-10	HPI Pump Emergency Suction Checks	Written 02/13/95
ON-HP-11	HPI Pump Discharge Checks	Written 02/13/95
ON-HP-12	A1 or A2 Loop Injection Stop Checks	Written 02/13/95
ON-HP-13	B1 or B2 Loop Injection Stop Checks	Written 02/13/95
ON-HP-14	HPI Loop B Emergency Injection Checks	Written 02/13/95
ON-HP-15	HPI Loop A Emergency/Normal Injection Checks	Written 02/13/95
ON-HP-16	HPI Pump Min. Recirculation Stop Checks	Written 02/13/95
ON-HP-17	RCP Seal Supply Containment Isol. Checks	Written 02/13/95
ON-LP-01	Decay Heat Drop Line Isolation	Written 02/13/95
ON-LP-02	A or B LPI Header Containment Isol. Checks	Written 02/13/95
ON-LP-03	Post-LOCA Boron Dilution Valves	Written 02/13/95
ON-LP-04	A LPI Pump Discharge	Written 02/13/95
ON-LP-05	BWST Outlet Isolation	Written 02/13/95
ON-LP-06	LPI Supply to HPI Isolation	Written 02/13/95
ON-LP-07	A or B LPI Header Isolation	Written 03/01/95 | 22a
ON-LPSW-01	RCP Cooler Supply and Discharge Block	Written 02/13/95
ON-LPSW-02	U3 MTOT Cooler Supply Block	Written 02/13/95
ON-LPSW-03	Normal/Emergency Supply Checks to HPIP Motor	Written 02/13/95
ON-LPSW-04	U1 & 2 LPSW Seismic Isolation	Written 02/13/95
ON-MS-01	Turbine Stop	Written 02/13/95

Justification for Deferral	Applicability	Status
ON-MS-02	Main Steam Turbine Bypass	Written 02/13/95
ON-MS-03	MS Supply to FDWPTs Block	Written 02/13/95
ON-MS-04	MS Supply to SSRH Block	Written 02/13/95
ON-MS-05	MS Supply to AS Checks	Written 02/13/95
ON-N-01	CFT A and B Inlet Containment Isol. Checks	Written 02/13/95
ON-PR-01	RB Purge Containment Isolation	Written 02/13/95
ON-RC-01	RCS/Reactor Vessel Vent Block	Written 02/13/95
ON-RC-02	Pressurizer Spray Control	Written 02/13/95
ON-SSF-01	SSF ASW Supply to A OTSG	Written 02/13/95
ON-SSF-02	SSF RC Makeup Supply to RCP Seals	Written 02/13/95
ON-SSF-03	SSF RC Makeup to RCP Seals Block	Written 02/13/95
ON-SSF-04	Letdown to Spent Fuel Vent	Written 02/13/95
ON-SSF-05	SSF AFW Supply to B OTSG Control	Written 02/13/95

Justification for Deferrals written 02/13/95 were generated as a result of adopting the guidelines presented in OM-10. A cross-reference of 'old' Relief Requests and Cold Shutdown Justifications is contained in Attachment 1 (Summary of Program Changes) of the 02/21/95 Duke letter to the NRC (Response to 11/23/94 NRC SER).

Justification for Deferral

Item Number:	ON-LP-07
Valve:	1LP-17, 2LP-17, and 3LP-17 1LP-18, 2LP-18, and 3LP-18
Flow Diagram:	OFD-102A-1.2/K-13, OFD-102A-2.2/K-13, and OFD-102A-3.2/K-13 OFD-102A-1.2/E-13, OFD-102A-2.2/E-13, and OFD-102A-3.2/E-13
Code Category:	B
ISI Class/Duke Class:	B/B
Function:	Open (ES actuated) to provide low pressure injection to the reactor vessel.
Test Requirement:	Verify proper valve movement once per three months as required by OMa-1988 Part 10, 4.2.1.1.
Basis for Deferral:	Technical Specification 4.5.1.2.1 only allows these valves to be stroked at a cold shutdown frequency.
Test Alternative & Frequency:	The valves are stroked open and closed at a cold shutdown frequency.

4.3.6 As per NUREG-1482 and recommendations stated in ONS SER, the licensee recognizes the NRC's acceptance of nonintrusive techniques (N.I.T.) for testing check valves. The licensee in fact has purchased N.I.T. equipment and is investigating incorporation into the testing program. However, this N.I.T. equipment has only recently been introduced to the industry and was not supplied from the vendor under the elements of the Q.A. program as with other equipment utilized for testing safety related components. This presents the burden on the licensee to validate the technology (i.e. software qualifications, calculation validity, engineering correlation, etc.). Therefore, it is the licensees position that (N.I.T.) is a voluntary option and will be evaluated on a specific application basis if full stroke exercising or sample disassembly cannot be performed.

4.4 Relief Valve Testing

Relief valves tested under the jurisdiction of this program will be tested per code requirements of OM-1, 1987, unless it has been determined to be impractical. This section of the program document is to provide the site's positions with regards to interpretations, guidance, and testing alternatives for relief valves. Relief valves shall be considered for inclusion in the program if they provide overpressure protection for portions of systems that perform a specific function in shutting down a reactor or in mitigating the consequences of an accident.

4.4.1 Relief valves that are not credited for assisting in mitigating the consequences of an accident and are only installed for over-pressure protection are considered passive.

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4.5 Leak Rate Testing

All category A valves will be tested per OM-10, section 4.2.2.2, except those valves which function in the course of plant operation in a manner that demonstrates adequate seat leak-tightness need not be leakage tested. In such cases (i.e., Containment Purge Isolation Valves) proper administrative controls will be implemented and the valves leak tested during refueling outages.

4.5.1 Category A containment isolation valves shall be tested per 10CFR50, Appendix J and shall be included in the program per GL 89-04, Position 10. Where a valve is identified as a containment isolation valve in the Technical Specification or SAR and if it is determined to be an "active" valve with respect to this function, it will be exercised to the closed position when there is an associated requirement for leak testing.

4.6 Testing from Remote Location

Section 4.1 of OM-10 requires valves with remote position indication to be tested at least once every 2 years to verify that the valve operation is accurately indicated. Valves that have remote operating switches and/or power supplies (e.g. SSF valves) shall also be tested and verified for proper indication from the remote location. Other valve operating parameters, such as timing will not be performed from the remote location during this testing.

4.7 Post Maintenance/Modification Testing (Retest)

Discussion to be completed once NSD 408 -- Testing is published.

4.8 Fail-Safe Testing of Valves

All Fail-Safe valves shall be tested in accordance with OM-10, section 4.2.1.6. Control valves are typically excluded from testing in the IST program. However, if a control valve must change position to support a safety-related function and it has a fail-safe position, then it must be included in the program and tested to verify the ability to perform that function with power removed (or simulated power removal).