

FEB 04 2003  
LRN-03-0039



United States Nuclear Regulatory Commission  
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Washington, DC 20555-001

Gentlemen:

**INSERVICE INSPECTION ACTIVITIES - 90 DAY REPORT  
FIFTEENTH REFUELING OUTAGE  
SALEM GENERATING STATION UNIT 1  
DOCKET NO. 50-272  
FACILITY OPERATING LICENSE NO. DPR-70**


This letter submits the ninety (90) day report for Inservice Inspection (ISI) activities conducted at the Salem Generating Station Unit 1 during the fifteenth refueling outage. This report is submitted in accordance with Section 4.0.5 of the Technical Specifications for the Salem Generating Station Unit 1 and Section XI of the ASME Boiler and Pressure Vessel Code 1986 Edition.

The enclosures to this letter are as follows:

Enclosure 1:	Form OAR-1, "Owners Activity Report"
Enclosure 2:	Table 1 - Salem Generating Station Unit 1 Inservice Inspection Summary for the Third Interval, Section XI Summary / Abstract of Examinations and Tests
Enclosure 3:	Salem Generating Station Unit 1 Inservice Inspection Examination Results
Enclosure 4:	Table 2 - Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service.
Enclosure 5:	Table 3 - Abstract of Repairs, Replacements, or Corrective Measures Required for Continued Service (for period May 19, 2001 to November 6, 2002).

Should you have any questions regarding this request, please contact Mr. Howard G. Berrick at 856-339-1862.

Sincerely,

  
G. Salamon  
Manager - Licensing

Enclosures (5)

A047

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HGB/

C Mr. H. Miller  
Regional Administrator - Region I  
U. S. Nuclear Regulatory Commission  
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U.S. Nuclear Regulatory Commission  
ATTN: Mr. R. Fretz  
Licensing Project Manager - Salem  
Mail Stop 08B2  
Washington DC 20555-001

USNRC Senior Resident Inspector - Salem (X24)

Mr. K. Tosch, Manager IV  
Bureau of Nuclear Engineering  
P. O. Box 415  
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Mr. Milton Washington  
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Bureau of Boiler and Pressure Vessel Compliance  
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**ENCLOSURE 1**  
**FORM OAR-1**  
**OWNERS ACTIVITY REPORT**

## FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: S1RFO#15Owner: Public Service Electric & Gas CompanyPlant Salem Nuclear Generating StationUnit No: 1 Commercial Service Date: 07/01/77Refueling Outage No.: RFO #15Current inspection interval: ThirdCurrent inspection period: First

Edition and Addenda of Section XI applicable to the inspection plan: 1995 Edition 1996 Addenda - Appendix VIII exams were performed to the 1995 Edition 1996 Addenda as amended by Final Rule - and IWE/IWL was performed to the 1998 Edition, 1998 Addenda

Date and revision of inspection plan: 07/2001 Rev 0

Edition and Addenda of Section XI applicable repairs and replacements, if different than the inspection plan: Class 1, 2, & 3 - 1995 Edition, 1996 Addenda Class MC- 1992 Edition / 1992 Addenda.

## CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No: N/AExpiration Date: N/ASigned: [Signature]Supervisor DI/DTDate 1/2/03

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or providence of New Jersey and employed by Factory Mutual Insurance Company have inspected the items described

in this Owner's Activity Report, during the period 05/19/01 to 11/06/02, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

Inspector's Signature [Signature]Commissions NJ 786

National Board, State, Province, and Endorsements

Date 01/15/03

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## **ENCLOSURE 2**

### **SALEM GENERATING STATION UNIT 1 INSERVICE INSPECTION SUMMARY FOR THE THIRD INTERVAL, SECTION XI SUMMARY / ABSTRACT OF EXAMINATIONS AND TESTS**

DATE: 11/27/2002

SALEM NUCLEAR GENERATING STATION UNIT 1

PAGE: 1

REVISION: 0

INSERVICE INSPECTION SUMMARY FOR THE THIRD INTERVAL

CODE EDITION: S96

## SECTION XI SUMMARY / ABSTRACT OF EXAMINATIONS AND TESTS

EXAM CATEGORY	TOTAL EXAMS IN THE CATEGORY	TOTAL EXAMS CREDITED FOR INTERVAL	NUMBER OF COMPONENTS SCHEDULED/COMPLETED/PERCENTAGE OF REQUIREMENT									TOTAL EXAMS CREDITED (%) TO DATE FOR INTERVAL
			FIRST PERIOD			SECOND PERIOD			THIRD PERIOD			
B-A	29	29	0	1	3.4%	0	0	3.4%	28	0	100.0%	3.4%
B-B	8	5	0	1	20.0%	2	0	60.0%	2	0	100.0%	20.0%
B-D	30	30	4	0	13.3%	7	0	36.6%	19	0	100.0%	0.0%
B-F	30	30	1	0	3.3%	9	0	33.3%	20	0	100.0%	0.0%
B-G-1	12	8	0	0	0.0%	3	0	37.5%	5	0	100.0%	0.0%
B-G-2	83	84	28	1	34.5%	25	0	64.2%	30	0	100.0%	1.1%
B-J	1376	343	106	1	31.1%	114	0	64.4%	122	0	100.0%	0.2%
B-K	63	13	0	7	53.8%	3	0	76.9%	3	0	100.0%	53.8%
B-L-1	4	1	0	1	100.0%	0	0	100.0%	0	0	100.0%	100.0%
B-L-2	4	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0.0%
B-M-1	2	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0.0%
B-M-2	30	2	0	2	100.0%	0	0	100.0%	0	0	100.0%	100.0%
B-N-1	3	5	1	0	20.0%	1	0	40.0%	3	0	100.0%	0.0%
B-N-2	1	1	0	0	0.0%	0	0	0.0%	1	0	100.0%	0.0%
B-N-3	14	14	0	0	0.0%	0	0	0.0%	14	0	100.0%	0.0%
B-O	1	1	0	0	0.0%	1	0	100.0%	0	0	100.0%	0.0%
B-P	3	12	1	3	33.3%	4	0	66.6%	4	0	100.0%	25.0%
B-Q	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0.0%
C-A	51	19	2	4	31.5%	4	0	52.6%	9	0	100.0%	21.0%
C-B	22	8	0	2	25.0%	3	0	62.5%	3	0	100.0%	25.0%
C-C	244	30	0	11	36.6%	9	0	66.6%	10	0	100.0%	36.6%
C-D	9	2	0	1	50.0%	0	0	50.0%	1	0	100.0%	50.0%
C-F-1	1350	103	29	0	28.1%	35	0	62.1%	39	0	100.0%	0.0%
C-F-2	334	29	5	0	17.2%	10	0	51.7%	14	0	100.0%	0.0%
C-G	24	3	0	1	33.3%	1	0	66.6%	1	0	100.0%	33.3%
C-H	59	171	28	29	33.3%	57	0	66.6%	57	0	100.0%	16.9%
D-A	217	33	1	12	39.3%	10	0	69.6%	10	0	100.0%	36.3%
D-B	55	162	15	39	33.3%	54	0	66.6%	54	0	100.0%	24.0%
E-A	164	465	155	0	33.3%	155	0	66.6%	155	0	100.0%	0.0%
E-C	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0.0%
F-A	1839	307	28	78	34.5%	101	0	67.4%	100	0	100.0%	25.4%
L-A	186	372	0	0	0.0%	186	0	50.0%	186	0	100.0%	0.0%
L-B	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	0.0%
TOTALS	6247	2282	404	194	26.2%	794	0	60.9%	890	0	100.0%	

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**ENCLOSURE 3**

**SALEM GENERATING STATION UNIT 1**  
**INSERVICE INSPECTION**  
**EXAMINATION RESULTS**

RFO# 15

ISI EXAMINATION RESULTS

FALL 2002

Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	N	O	OTHER	Outage Remarks
002001	1-RPV-7042	VESSEL TO FLANGE	1	B-A	B1.30	UT2L UT7L UT12L	54-ISI-187-10 54- ISI-187-10 54- ISI-187-10	X	---	---	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. EXAM WAS PERFORMED FROM VESSEL 270 DEGREE (STUD #1) THROUGH VESSEL 90 DEGREES (STUD #28) AND WAS CONDUCTED FROM FLANGE SEALING SURFACE.
003700	1-RPV-LIG 1 THRU 54		1	B-G-1	B6.40	UT0S	54-ISI-108-02	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. UT EXAM WAS PERFORMED ON THREADS IN FLANGE STUD HOLES #1 THRU #18.
005100	1-RPV-6046A	HEAD TO FLANGE	1	B-A	B1.40	MT UT0L UT45S UT60S	54-ISI-270-41 54- ISI-130-38 54- ISI-130-38 54- ISI-130-38	X	---	---	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. UT EXAM PERFORMED ON HEAD TO FLANGE WELD FROM STUD HOLE# 14 TO HOLE# 33 AND WAS LIMITED TO 84.60% OF CODE REQUIRED COVERAGE DUE TO CONFIGURATION
005200	1-RPV-STUDS 1-54	CLOSURE STUDS	1	B-G-1	B6.30	MT UT0L UTOL	54-ISI-270-41 54- ISI-840-02 54- ISI-840-02	X	---	---	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. MT-UT EXAM PERFORMED ON STUDS# 1 THRU 18.
005310	1-RPV-NUTS 1-54	CLOSURE NUTS	1	B-G-1	B6.10	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-1 EXAMINATION OF NUTS 1 THRU 18
005400	1-RPV-WASHERS 1-54	CLOSURE WASHERS	1	B-G-1	B6.50	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-1 OF WASHERS 1 THRU 18
006070	1-CRDM	CRDM TO VESSEL PENETRATION WELD	1	A-E	MEC9 552	VT-2	SCRAISRC0005 Q	X	-	-	02RF - VT OF CRDM HEAD PENETRATIONS UNDER W/O# 50057141.
006600	1-PZR-1	LOWER HEAD TO SHELL A	1	B-B	B2.11	UT45S UT0L UT60S	54-ISI-130-38 54- ISI-130-38 54- ISI-130-38	X	---	---	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. UT EXAM LIMITED TO 95.6% OF CODE REQUIRED COVERAGE DUE TO WELD PADS NOZZLES AND INSULATION RING.
007820	PZR BOLTING- MANWAY		1	B-G-2	B7.20	VT-1 VT-1	SHRAISZZ0116 Q SHRAISZZ0116 Q	X	-	-	02RF - PRESERVICE VT-1 PERFORMED UNDER W/O# 30074897 ON THE FOLLOWING S/N's 080 - 094 - 111 - 112 - 114 - 116 - 125 - 126 - 129 - 134 - 135 - 138 - 147 - 149 - 151 - 177 HEAT# 8090101. AND OVERSIZE BOLT# NBM-75641-M HT# 1868E33H08-6
008790	11-STG-OMB	STUDS-OUTLET MANWAY	1	B-G-2	B7.30	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
008795	11-STG-IMB	STUDS-INLET MANWAY	1	B-G-2	B7.30	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
009650	12-STG-OMB	STUDS-OUTLET MANWAY	1	B-G-2	B7.30	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
009675	12-STG-IMB	STUDS-INLET MANWAY	1	B-G-2	B7.30	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068



RFO# 15

ISI EXAMINATION RESULTS

FALL 2002

Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	N	R	E	C	O	T	H	E	R	Outage Remarks
010550	13-STG-OMB	STUDS-OUTLET MANWAY	1	B-G-2	B7.30	VT-2	SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF NDE TO BE PERFORMED UNDER W/O# 50037068
010575	13-STG-IMB	STUDS-INLET MANWAY	1	B-G-2	B7.30	VT-2	SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
011450	14-STG-OMB	STUDS-OUTLET MANWAY	1	B-G-2	B7.30	VT-2	SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
011475	14-STG-IMB	STUDS-INLET MANWAY	1	B-G-2	B7.30	VT-2	SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
023300	6-PR-1105-11FB	1PR5 FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
024500	6-PR-1104-11FB	1PR4 FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
025700	6-PR-1103-12	ELBOW TO FLANGE AT 1PR-3	1	B-J	B9.11	PT UT	54-ISI-240-40 54-ISI-836-04	X	-	-	-	-	-	-	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. PT EXAM NOTED 2 RECORDABLE INDICATIONS THAT DID NOT EXCEED THE FLAW LENGTH REQUIREMENTS.
025800	6-PR-1103-12FB	1PR3 FLANGE BOLTING	1	B-G-2	B7.50	VT-1 VT-2	SHRAISZZ0116 Q SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 PRESERVICE VT-1 EXAMINATION PERFORMED ON 12 NEW BOLTS AND 12 NEW NUTS.
029750	14-PS-1131-2A	SAFE-END TO PIPE	1	B-J	B9.11	PT UT	54-ISI-240-40 54-ISI-836-04	X	-	-	-	-	-	-	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
093900	14-RH-1111-16PS	CAP TO PIPE	1	B-K	B10.20	PT	54-ISI-240-40	X	-	-	-	-	-	-	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
094400	12-SJ-1151-1PS-1 & 2	PIPE SUPPORT	1	B-K	B10.20	PT	54-ISI-240-40	X	-	-	-	-	-	-	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
125500	4-SJ-1194-7PS-2	PENETRATION TO PIPE	1	B-K	B10.20	PT	54-ISI-240-40	X	-	-	-	-	-	-	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
135000	3-SJ-1192-9PS-2	PENETRATION TO PIPE	1	B-K	B10.20	PT	54-ISI-240-40	X	-	-	-	-	-	-	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
136100	2-SJ-1149-2FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
141500	2-SJ-1147-8FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
143700	2-SJ-1139-2FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	-	-	-	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

RFO# 15

ISI EXAMINATION RESULTS

FALL 2002

Sum#	Component I.D.	Component Description	Code Class	Code Cat.	Code Item	NDE Method	Procedure	N	O	OTHER	Outage Remarks
147900	2-SJ-1137-10FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
148200	2-SJ-1137-13	VALVE TO PIPE	1	B-J	B9.40	PT	SHRAISZZ0204 Q	X	-	-	02RF - MQS TO PERFORM PRESERVICE EXAMINATIONS UNDER W/O# 60023124 FIELD WELD S1-RH-3149-74E-A IS ISI WELD# 2-SJ-1137-13.
148300	2-SJ-1137-14	PIPE TO VALVE	1	B-J	B9.40	PT	SHRAISZZ0204 Q	X	-	-	02RF - MQS TO PERFORM PRESERVICE EXAMINATIONS UNDER W/O# 60023124 FIELD WELD S1-RH-3149-75E-A IS ISI WELD# 2-SJ-1137-14.
148400	2-SJ-1137-15	VALVE TO PIPE	1	B-J	B9.40	PT	SHRAISZZ0204 Q	X	-	-	02RF - MQS TO PERFORM PRESERVICE EXAMINATIONS UNDER W/O# 60023124 FIELD WELD S1-RH-3149-76E-A IS ISI WELD# 2-SJ-1137-15.
148500	2-SJ-1137-16	PIPE TO TEE	1	B-J	B9.40	PT	SHRAISZZ0204 Q	X	-	-	02RF - MQS TO PERFORM PRESERVICE EXAMINATIONS UNDER W/O# 60023124 FIELD WELD S1-RH-3149-284E-AE-A IS ISI WELD# 2-SJ-1137-16.
148900	2-SJ-1137-20	ELBOW TO PIPE	1	B-J	B9.40	PT	SHRAISZZ0204 Q	X	-	-	02RF - MQS TO PERFORM PRESERVICE EXAMINATIONS UNDER W/O# 60023124 FIELD WELD S1-RH-3149-78E-C IS ISI WELD# 2-SJ-1137-20.
150400	2-SJ-1129-2FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
155500	2-SJ-1128-2FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
163100	2-SJ-1119-2FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
165800	2-SJ-1118-4FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
166100	2-SJ-1118-7R1	VALVE TO PIPE	1	B-J	B9.40	PT	SHRAISZZ0204 Q	X	-	-	02RF - PRESERVICE NDE PERFORMED BY MQS UNDER W/O# 60029947. FIELD WELD# S1-1RH-3137-43E-A IS ISI WELD# 2-SJ-11168-7R1.
166200	2-SJ-1118-8R2	PIPE TO VALVE	1	B-J	B9.40	PT	SHRAISZZ0204 Q	X	-	-	02RF - PRESERVICE NDE PERFORMED BY MQS UNDER W/O# 60029947. FIELD WELD# S1-1RH-3137-44E-A IS ISI WELD# 2-SJ-11168-8R2.
166300	2-SJ-1118-9R2	VALVE TO PIPE	1	B-J	B9.40	PT	SHRAISZZ0204 Q	X	-	-	02RF - PRESERVICE NDE PERFORMED BY MQS UNDER W/O# 60029947. FIELD WELD# S1-1RH-3137-45E- IS ISI WELD# 2-SJ-11168-9R2.

RFO# 15

ISI EXAMINATION RESULTS

FALL 2002

Sum#	Component I.D.	Component Description	Code Class	Code Cat.	Code Item	NDE Method	Procedure	N	O	OTHER	Outage Remarks
166400	2-SJ-1118-10R1	PIPE TO TEE	1	B-J	B9.40	PT	SHRAISZZ0204 Q	X	-	-	02RF - PRESERVICE NDE PERFORMED BY MQS UNDER W/O# 60029947. FIELD WELD# S1-1RH-3137-251E-A IS ISI WELD# 2-SJ-11168-10R1.
170700	1 1/2-SJ-1142-7FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
177100	1.5-SJ-1132-15FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
177910	1.5-SJ-1132-23PL-1	PIPE TO PENETRATION	1	B-K	B10.20	PT	54-ISI-240-40	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
181100	1.5-SJ-1122-8FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
185900	1.5-SJ-1112-7FB	FLANGE BOLTING	1	B-G-2	B7.50	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
190800	11-PMP-BOLTS 1-24		1	B-G-1	B6.180	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
191000	11-PMP-1LG	LUG	1	B-K	B10.30	PT	54-ISI-240-40	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
191100	11-PMP-2LG	LUG	1	B-K	B10.30	PT	54-ISI-240-40	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
191270	RCP 11 CASING WELDS	PUMP CASING CIRCUMFERENTIAL WELD	1	B-L-1	B12.10	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
191600	12-PMP-BOLTS 1-24		1	B-G-1	B6.180	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
192400	13-PMP-BOLTS 1-24		1	B-G-1	B6.180	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
193200	14-PMP-BOLTS 1-24		1	B-G-1	B6.180	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
193795	1 PR 3 VB	ON LINE 6-PR-1103	1	B-M-2	B12.50	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
193820	12 SJ 43 VB	ON LINE 6-SJ-1122	1	B-M-2	B12.50	VT-3	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-3 OF VALVE BODY INTERNALS.
194000	1 CV 77	ON LINE 3-CV-1133	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194100	1 CV 78	ON LINE 3-CV-1133	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	N	O	OTHER	Outage Remarks
194120	1 CV 2	ON LINE 3-CV-1143	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194140	1 CV 75	ON LINE 2-CV-1175	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194200	1 CV 79	ON LINE 3-CV-1141	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194300	1 CV 80	ON LINE 3-CV-1141	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194400	1 CV 274	ON LINE 3-CV-1133	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194500	1 CV 275	ON LINE 3-CV-1141	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194600	1 CV 277	ON LINE 3-CV-1143	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194700	1 PR 1	ON LINE 3-PR-1106	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194800	1 PR 2	ON LINE 3-PR-1107	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
194900	1 PR 3	ON LINE 6-PR-1103	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
195000	1 PR 4	ON LINE 6-PR-1104	1	B-G-2	B7.70	VT-1 VT-2	SHRAISZZ0116 Q SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037673 VT-1 PERFORMED ON 12 NEW STUDS
195100	1 PR 5	ON LINE 6-PR-1105	1	B-G-2	B7.70	VT-1 VT-2	SHRAISZZ0116 Q SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037673 VT-1 PERFORMED ON 12 NEW STUDS
195200	1 PR 6	ON LINE 3-PR-1106	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
195300	1 PR 7	ON LINE 3-PR-1107	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
195400	1 PS 1	ON LINE 4-PS-1111	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
195500	1 PS 3	ON LINE 4-PS-1131	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

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ISI EXAMINATION RESULTS

FALL 2002

Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	NOREC	NGEOM	OTHER	Outage Remarks
195600	1 PS 24	ON LINE 4-PS-1111	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
195700	1 PS 25	ON LINE 4-PS-1111	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
195800	1 PS 28	ON LINE 4-PS-1131	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
195900	1 PS 29	ON LINE 4-PS-1131	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
196000	1 RH 1	ON LINE 14-RH-1111	1	B-G-2	B7.70	VT-2 VT-3	SHRAISZZ0005 Q SHRAISZZ0003 Q	X	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 NOTED BORIC ACID LEAKAGE FROM BONNET TO FLANGE CONNECTION NOTIFICATION# 20118336 WAS GENERATED. RE-EXAM AFTER REPAIRS RESULTS WERE SATISFACTORY.
196100	1 RH 2	ON LINE 14-RH-1111	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
196200	1 RH 26	ON LINE 12-SJ-1151	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
196300	1 SJ 12	ON LINE 4-SJ-1193	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
196400	1 SJ 13	ON LINE 4-SJ-1195	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
196500	1 SJ 135	ON LINE 4-SJ-1194	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
196600	1 SJ 150	ON LINE 3-SJ-1192	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
196900	11 SJ 40	ON LINE 4-SJ-1172	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
197000	11 SJ 43	ON LINE 6-SJ-1112	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
197100	11 SJ 49	ON LINE 8-SJ-1152	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
197200	11 SJ 54	ON LINE 10-SJ-1111	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
197300	11 SJ 55	ON LINE 10-SJ-1111	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
197400	11 SJ 56	ON LINE 10-SJ-1111	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	NO RE C	OM	OTHER	Outage Remarks
197500	11 SJ 156	ON LINE 6-SJ-1111	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
197800	12 SJ 40	ON LINE 4-SJ-1182	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
197900	12 SJ 43	ON LINE 6-SJ-1122	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
198000	12 SJ 49	ON LINE 8-SJ-1162	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
198100	12 SJ 54	ON LINE 10-SJ-1121	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
198200	12 SJ 55	ON LINE 10-SJ-1121	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
198300	12 SJ 56	ON LINE 10-SJ-1121	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
198400	12 SJ 156	ON LINE 6-SJ-1121	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
198700	13 RH 27	ON LINE 8-SJ-1135	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
198800	13 SJ 43	ON LINE 6-SJ-1132	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
198900	13 SJ 54	ON LINE 10-SJ-1131	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
199000	13 SJ 55	ON LINE 10-SJ-1131	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
199100	13 SJ 56	ON LINE 10-SJ-1131	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
199200	13 SJ 156	ON LINE 6-SJ-1131	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
199500	14 RH 27	ON LINE 8-SJ-1145	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
199600	14 SJ 43	ON LINE 6-SJ-1142	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
199700	14 SJ 54	ON LINE 10-SJ-1141	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
199800	14 SJ 55	ON LINE 10-SJ-1141	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

**PSEG NUCLEAR LLC SALEM UNIT 1**  
**RFO# 15**  
**ISI EXAMINATION RESULTS**

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	NOREC	OTHER	Outage Remarks
199900	14 SJ 56	ON LINE 10-SJ-1141	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
200000	14 SJ 156	ON LINE 6-SJ-1141	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
200100	11 SJ 388	ON LINE 1.5-SJ-1112	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
200200	12 SJ 388	ON LINE 1.5-SJ-1122	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
200300	13 SJ 388	ON LINE 1.5-SJ-1132	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
200400	14 SJ 388	ON LINE 1.5-SJ-1142	1	B-G-2	B7.70	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
204440	1-BIT-1	INLET NOZZLE TO SHELL	2	C-B	C2.21	MT UT0L UT45S UT60S	54-ISI-270-41 54- ISI-130-38 54- ISI-130-38 54- ISI-130-38	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. UT EXAM WAS LIMITED TO 43.43% OF CODE REQUIRED COVERAGE DUE TO CONFIGURATION.
204480	1-BIT-VS-1	SUPPORT AT 45 DEG.	2	C-C	C3.10	MT	54-ISI-270-41	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. MT EXAM LIMITED TO 97.561% OF CODE REQUIRED COVERAGE.
204800	1-CVCT-2	SHELL TO LOWER HEAD	2	C-A	C1.20	UT	54-ISI-136-01	-	-	X 02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. UT EXAM OF PREVIOUS RECORDABLE INDICATION WAS PERFORMED WITH NO CHANGES NOTED.
205085	1-RHE-1	CAP TO SHELL	2	C-A	C1.10	UT	54-ISI-136-01	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
205090	1-RHE-2	SHELL TO TUBE SHEET	2	C-A	C1.30	UT	54-ISI-136-01	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
205095	1-RHE-3	TUBE SHEET TO SHELL	2	C-A	C1.30	UT45S UT60S	54-ISI-136-01 54- ISI-136-01	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. UT EXAM WAS LIMITED TO 79 25% OF CODE REQUIRED COVERAGE DUE TO BRANCH CONNECTION.
205100	1-RHE-4	SHELL TO CAP	2	C-A	C1.10	UT	54-ISI-136-01	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
205163	11-RHRHEX-IN	NOZZLE TO SHELL	2	C-B	C2.21	PT UT45S	54-ISI-240-40 54- ISI-136-01	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. UT EXAM COVERAGE LIMITED TO 55 86% OF CODE REQUIRED COVERAGE DUE TO NOZZLE CONFIGURATION AND SUPPORT PADS TO SHELL.. PT EXAM LIMITED TO 98 702% OF CODE REQUIRED COVERAGE DUE TO ADJACENT WELDS.
208000	14-BF-2141-2PS-2	PIPE SUPPORT TO PENETRATION	2	C-C	C3.20	MT	54-ISI-270-41	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.



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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	N	O	OTHER	Outage Remarks
218050	14-BF-2111-3PL-1 THRU 8	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. MT EXAM WAS LIMITED TO 40% OF CODE COVERAGE DUE TO COMPONENT CONFIGURATION.
221400	34-MS-2141-1PL-1	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
221500	34-MS-2141-1PL-2	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
221600	34-MS-2141-1PL-3 THRU 6	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
222000	34-MS-2141-1PL-7 THRU 10	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
222210	34-MS-2141-1PL-11	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
222215	34-MS-2141-1PL-12	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
222220	34-MS-2141-1PL-13 THRU 16	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
222240	34-MS-2141-1PL-17 THRU 20	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
222260	34-MS-2141-1PL-21	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
229445	32-MS-2131-3PL-1 THRU 3	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. MT EXAM LIMITED TO 59.938% OF CODE REQUIREMENTS DUE TO SUPPORT CLAMP UPSTREAM OF LUGS.
231745	32-MS-2111-3PL-1 THRU 3	PIPE LUG	2	C-C	C3.20	MT	54-ISI-270-41	-	-	X	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. MT EXAM NOTED ONE RECORDABLE INDICATION AND WAS CODE ACCEPTABLE EXAM LIMITED TO 59.938% OF CODE REQUIRED COVERAGE DUE TO SUPPORT CLAMP UPSTREAM.
243750	8-MS-2123-3	VALVE BODY FLANGE WELD	2	C-G	C6.20	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
276000	13 MS 167 USS	UPPER SET STUDS ON LINE 34-MS-2131	2	C-D	C4.40	UT	54-ISI-840-03 54- ISI-840-03	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
278100	13 MS 167 VS-1	VALVE SUPPORT AT 90 DEG	2	C-C	C3.40	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
278140	13 MS 167 VS-1A	VALVE SUPPORT AT 90 DEG	2	C-C	C3.40	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. MT EXAM LIMITED TO 60.584% OF CODE REQUIRED COVERAGE DUE TO SUPPORT CONFIGURATION.
278160	13 MS 167 VS-1B	VALVE SUPPORT AT 90 DEG	2	C-C	C3.40	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
278200	13 MS 167 VS-2	VALVE SUPPORT AT 270 DEG	2	C-C	C3.40	MT	54-ISI-270-41	X	-	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.



**PSEG NUCLEAR LLC SALEM UNIT 1**  
**RFO# 15**  
**ISI EXAMINATION RESULTS**

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	NOREC	OTHER	Outage Remarks
278240	13 MS 167 VS-2A	VALVE SUPPORT AT 270 DEG	2	C-C	C3.40	MT	54-ISI-270-41	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE. MT EXAM LIMITED TO 60.584% OF CODE REQUIRED COVERAGE DUE TO SUPPORT CONFIGURATION.
278260	13 MS 167 VS-2B	VALVE SUPPORT AT 270 DEG	2	C-C	C3.40	MT	54-ISI-270-41	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
358010	3-CV-2166-1B	PIPE TO TEE	2	C-F-1	C5.21	PT	SHRAISZZ0204 Q	X	-	02RF - PRESERVICE NDE WAS PERFORMED BY MQS UNDER W/O# 60020142 FIELD WELD# 1-CVC-142-39C-A IS ISI WELD# 3-CV-2166-1B.
358020	3-CV-2166-2A	TEE TO TEE	2	C-F-1	C5.21	PT	SHRAISZZ0204 Q	X	-	02RF - PRESERVICE NDE WAS PERFORMED BY MQS UNDER W/O# 60020142 FIELD WELD# FW-1-CVC-142-2 IS ISI WELD# 3-CV-2166-2A.
362700	3-CV-2172-1	PIPE TO TEE	2	C-F-1	C5.21	PT	SHRAISZZ0204 Q	X	-	02RF - PRESERVICE NDE WAS PERFORMED BY MQS UNDER W/O# 60020142 FIELD WELD# FW-1-CVC-P-142-3 IS ISI WELD# 3-CV-2172-1.
362710	3-CV-2172-2	PIPE TO ELBOW	2	C-F-1	C5.21	PT	SHRAISZZ0204 Q	X	-	02RF - PRESERVICE NDE WAS PERFORMED BY MQS UNDER W/O# 60020142 FIELD WELD# FW-1-CVC-P-142-4 IS ISI WELD# 3-CV-2172-2.
362720	3-CV-2172-3	ELBOW TO ELBOW	2	C-F-1	C5.21	PT	SHRAISZZ0204 Q	X	-	02RF - PRESERVICE NDE WAS PERFORMED BY MQS UNDER W/O# 60020142 FIELD WELD# FW-1-CVC-P-142-5 IS ISI WELD# 3-CV-2172-3.
362730	3-CV-2172-4	ELBOW TO PIPE	2	C-F-1	C5.21	PT UT45S	54-ISI-240-40 54-ISI-836-04	X	-	02RF - FTI UNDER W/O# 50037068 TO PERFORM NDE.
362740	3-CV-2172-5	PIPE TO VALVE	2	C-F-1	C5.21	PT	SHRAISZZ0204 Q	X	-	02RF - PRESERVICE NDE WAS PERFORMED BY MQS UNDER W/O# 60020142 FIELD WELD# FW-1-CVC-P-142-7 IS ISI WELD# 3-CV-2172-5.
362750	3-CV-2172-6	VALVE TO PIPE	2	C-F-1	C5.21	PT	SHRAISZZ0204 Q	X	-	02RF - PRESERVICE NDE WAS PERFORMED BY MQS UNDER W/O# 60020142 FIELD WELD# FW-2CVC-P-79-1 IS ISI WELD# 3-CV-2172-6.
362760	3-CV-2172-7	PIPE TO VALVE	2	C-F-1	C5.21	PT	SHRAISZZ0204 Q	X	-	02RF - PRESERVICE NDE WAS PERFORMED BY MQS UNDER W/O# 60020142 FIELD WELD# FW-2CVC-P-79-3 IS ISI WELD# 3-CV-2172-7.
500095	1AFG-184	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
500130	1AFG-178	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
500150	14AFWG-003	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
501280	1A-CCS-057	SUPPORT	3	F-A	F1.30-M	VT-3 VT-3	SHRAISZZ0150 Q SHRAISZZ0150 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-3 EXAM NOTED LOOSE JAM NUT NOTIF# 20115900 WAS GENERATED. RE-EXAM AFTER REPAIR RESULTS WERE SATISFACTORY.
501350	1A-CCH-058	HANGER	3	F-A	F1.30-L	VT-3	SHRAISZZ0150 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

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Sum#	Component I.D.	Component Description	Code Class	Code Cat.	Code Item	NDE Method	Procedure	N	O	OTHER	Outage Remarks
501360	1A-CCS-056-1A	TRUNNION	3	D-A	D1.20	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
501415	1A-CCG-419	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
501700	1A-CCH-273-1A	PIPE TO HANGER	3	D-A	D1.20	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
503060	1P-CVCG-430A	GUIDE	2	F-A	F1.20-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
503200	1A-CVCG-457	GUIDE	2	F-A	F1.20-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 PRESERVICE VT-3.
503210	1A-CVCS-402A	SUPPORT	2	F-A	F1.20-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
503945	1C-CVCH-326	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
503950	1C-CVCG-321	GUIDE	1	F-A	F1.10-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
504295	1P-MSH-121T	HANGER	2	F-A	F1.20-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
504435	1A-MSAG-154	GUIDE	2	F-A	F1.20-E	VT-3 VT-3	SHRAISZZ0150 Q SHRAISZZ0150 Q	X	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-3 EXAM NOTED LOCK NUT LACK OF THREAD ENGAGEMENT NOTIFICATION# 20118337 WAS GENERATED. WORK COMPLETED 10/27/2002 BY ED FLITCRAFT. RE-EXAM SATISFACTORY.
504515	1P-MSA-PS02	ANCHOR	2	F-A	F1.20-A	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
504695	1P-MSS-116	SUPPORT	2	F-A	F1.20-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
504755	1C-PRS-103	SUPPORT	2	F-A	F1.20-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
504810	1C-PRG-015	GUIDE	2	F-A	F1.20-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
504935	1C-PRA-158	ANCHOR	1	F-A	F1.10-A	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
504940	1C-PRH-157	HANGER	1	F-A	F1.10-H	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
505125	1C-PRG-191	GUIDE	1	F-A	F1.10-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

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505200	1C-PRG-050	GUIDE	1	F-A	F1.10-E	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
505345	1C-11RHH-004	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
505370	1C-13RHS-006	SUPPORT	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
505415	1C-13RHG-013	GUIDE	1	F-A	F1.10-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
505450	1C-14RHS-010	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
505480	1C-14RHG-005	GUIDE	1	F-A	F1.10-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
505485	1C-14RHH-004	HANGER	1	F-A	F1.10-L	VT-3	SHRAISZZ0150 Q	X	-	-	
505515	1P-11RHH-010	HANGER	2	F-A	F1.20-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506015	1C-11FWH-017	SPRING CAN HANGER	2	F-A	F1.20-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506025	1C-11FWG-015	GUIDE	2	F-A	F1.20-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506105	1P-13FWS-019	SUPPORT	2	F-A	F1.20-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506165	1P-FWA-PS08	ANCHOR	2	F-A	F1.20-A	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506185	1C-11SIS-134	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133 THIS COMPONENT IS THE FIRST COMPONENT DOWNSTREAM.
506195	1C-11SIS-133	SUPPORT	1	F-A	F1.10-I	VT-3 VT-3	SHRAISZZ0150 Q SHRAISZZ0150 Q	X	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-3 NOTED DAMAGE TO SPRING CAN SUPPORT NOTIFICATION# 20117870 WAS GENERATED. RE-EXAM AFTER REPAIRS RESULTS WERE SATISFACTORY.
506200	1C-11SIH-132	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133 THIS COMPONENT IS THE FIRST COMPONENT UPSTREAM.

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506215	1C-11SIH-107	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133
506250	1C-11SIG-185	GUIDE	1	F-A	F1.10-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506265	1C-11SIH-010	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506355	1C-12SIG-146	GUIDE	1	F-A	F1.10-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506360	1C-12SIG-142	GUIDE	1	F-A	F1.10-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506400	1C-12SIS-144	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506425	1C-13SIH-005	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133
506430	1C-13SIS-008	SUPPORT	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506470	1C-13SIA-125	ANCHOR	1	F-A	F1.10-A	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506480	1C-13SIH-126	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133
506490	1C-14SIS-002	SUPPORT	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133
506610	1P-11SIS-027	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506835	1P-12SIS-039	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506845	1C-12SIS-044	SUPPORT	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
506955	1C-12SIS-005	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	NOR	REC	OTHER	Outage Remarks
506985	1C-11SIH-143	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133
507040	1C-14SIS-173	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
507100	1C-14SIS-164B	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
507135	1C-12SIS-027	SUPPORT	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
507195	1C-13SIH-131	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
507220	1C-11SIH-144	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133
507390	1C-12SIS-145	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
507420	1C-11SIH-142	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133
507440	1C-12SIA-216	ANCHOR	1	F-A	F1.10-A	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
507445	1C-12SIH-100	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133
507525	1C-12SIS-117	SUPPORT	1	F-A	F1.10-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
507570	1C-13SIH-136	HANGER	1	F-A	F1.10-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 THIS EXAM IS A EXPANDED SAMPLE DUE THE FAILURE OF SUM# 506195 1C-11SIS-133
507765	1A-SIS-203-IA	PIPE TO TRUNNION	3	D-A	D1.20	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
507775	1A-SIS-162-IA	PIPE TO TRUNNION	3	D-A	D1.20	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
508785	1MSWG-024	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	NOREC	GEOM	OTHER	Outage Remarks
508915	1MSWG-043	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
508930	1-SWPS-005	SUPPORT	3	F-A	F1.30-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - PRESERVICE NDE PERFORMED UNDER W/O# 30044701
508975	1P-11SWS-001	SUPPORT	3	F-A	F1.30-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
509015	1A-SWG-344	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
509020	1A-SWG-316	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
509160	1C-13SWH-2	HANGER	3	F-A	F1.30-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
509375	1C-11SWG-3A	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
509555	1A-SWG-303	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
509885	1A-SWG-310	GUIDE	3	F-A	F1.30-N	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
510575	1C-11SWG-7	ANCHOR	3	F-A	F1.30-A	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
510625	1P-11SWR-028	RESTRAINT	3	F-A	F1.30-G	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
510822	S1RC-11SGNEC	COMPRESSION STRUT	2	F-A	F1.40-P	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50055320
510823	S1RC-11SGNWB	COMPRESSION STRUT	2	F-A	F1.40-P	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50055330
510826	S1RC-12SGSWC	COMPRESSION STRUT	2	F-A	F1.40-P	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50050115
510827	S1RC-12SGSEB	COMPRESSION STRUT	2	F-A	F1.40-P	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50050114
510831	S1RC-13SGNEC	COMPRESSION STRUT	2	F-A	F1.40-P	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50035760
510832	S1RC-13SGNWB	COMPRESSION STRUT	2	F-A	F1.40-P	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50055321
510836	S1RC-14SGSEB	COMPRESSION STRUT	2	F-A	F1.40-P	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50055329

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510837	S1RC-14SGSWC	COMPRESSION STRUT	2	F-A	F1.40-P	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50009516
510855	PRESSURIZER	SUPPORT	1	F-A	F1.40-K	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
510860	#11 RCP	SUPPORT	1	F-A	F1.40-K	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
510900	BORON INJECTION TANK	SUPPORT	2	F-A	F1.40-K	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511390	1AFE004-IA	PUMP SUPPORT	3	D-A	D1.30	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511395	1AFE004	PUMP SUPPORT	3	F-A	F1.40-K	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511410	1AFE006-IA	PUMP SUPPORT	3	D-A	D1.30	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511415	1AFE006	PUMP SUPPORT	3	F-A	F1.40-K	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511430	1CCE003-IA	PUMP SUPPORT	3	D-A	D1.30	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511435	1CCE003	PUMP SUPPORT	3	F-A	F1.40-K	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511450	1CCE1-IA	TANK SUPPORT	3	D-A	D1.10	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511455	1CCE1	TANK SUPPORT	3	F-A	F1.40-K	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511470	1CCE6-IA	HEAT EXCHANGER SUPPORT	3	D-A	D1.10	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
511475	1CCE6	HEAT EXCHANGER SUPPORT	3	F-A	F1.40-K	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
512000	1-BRE16	PRESSURE VESSEL SUPPORT	3	F-A	F1.40-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
512010	1-BRE16-IA	WELDED ATTACHMENT	3	D-A	D1.10	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
512020	1-BRE17	PRESSURE VESSEL SUPPORT	3	F-A	F1.40-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
512030	1-BRE17-IA	WELDED ATTACHMENT	3	D-A	D1.10	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068



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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	N	O	OTHER	Outage Remarks
512040	1-SFE12	VESSEL SUPPORT	3	F-A	F1.40 MK	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
512050	1-SFE12-1A	WELDED ATTACHMENT	3	D-A	D1.10	VT-1	SHRAISZZ0116 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
520240	1A-CCH-273	HANGER	3	F-A	F1.30-I	VT-3	SHRAISZZ0150 Q	-	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-3 EXAM NOTED HANGER ROD AGAINST BRACKET NOTIFICATION# 20115898 WAS GENERATED ENG. EVALUATION USE AS IS.
520300	1A-CCS-048	SUPPORT	3	F-A	F1.30-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
520440	1A-CCS-056	SUPPORT	3	F-A	F1.30-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
520450	1A-CCS-039	SUPPORT	3	F-A	F1.30-I	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
521140	1P-SWA-WS12	ANCHOR	3	F-A	F1.30-A	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
521260	1-SWPS-045	SUPPORT	3	F-A	F1.30-M	VT-3	SHRAISZZ0150 Q SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 60024361
522000	1A-SIS-162	SUPPORT	3	F-A	F1.30-M	VT-3	SHRAISZZ0150 Q	-	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-3 NOTED LOOSENESS ON ONE BOLT NOTIFICATION# 20116971 WAS GENERATED. ENG EVALUATION USE AS IS THE SUPPORT SATISFIES DESIGN FUNCTION..
522030	1A-SIS-203	SUPPORT	3	F-A	F1.30-M	VT-3	SHRAISZZ0150 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
950000	SPT-1-RC-001	ALL CLASS 1 SYSTEMS	1	B-P		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - ISI PERFORMED CLASS 1 WALKDOWN UNDER W/O# 50037313
950050	SPT-1-AF-001	(AF) AUXILIARY FEED WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	-	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED PACKING LEAK ON VALVE 11AF58 NOTIFICATION# 20116232 WAS GENERATED.
950100	SPT-1-AF-002	(AF) AUXILIARY FEED WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068.
950200	SPT-1-AF-004	(AF) AUXILIARY FEED WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068



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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	N	O	OTHER	Outage Remarks
950250	SPT-1-CA-001	(CA) CONTROL AIR	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 NOTED BONNET LEAK ON VALVE 12CA360 NOTIF# 20118089 WAS GENERATED
950300	SPT-1-CC-001	(CC) COMPONENT COOLING SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
950350	SPT-1-CC-002	(CC) COMPONENT COOLING SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
950450	SPT-1-CC-004	(CC) COMPONENT COOLING SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
950550	SPT-1-CH-001	(CH) CHILLED WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED LEAK AT VALVE 11CH27 MAINT TO PERFORM REPAIRS UNDER NOTIF# 20104095.
950600	SPT-1-CH-002	(CH) CHILLED WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
950650	SPT-1-CS-001	(CS) CONTAINMENT SPRAY SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED WHITE CRYSTALLINE AT VALVE 1CS30 MAINT TO PERFORM REPAIRS UNDER NOTIF# 20101479.
950700	SPT-1-CS-002	(CS) CONTAINMENT SPRAY SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
950750	SPT-1-CS-003	(CS) CONTAINMENT SPRAY SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	-	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAMINATION NOTED DRIED BORIC ACID ON VALVE NOTIFICATION# 20116892 WAS GENERATED.
950850	SPT-1-CV-001	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
950950	SPT-1-CV-003	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951000	SPT-1-CV-004	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951050	SPT-1-CV-005	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED DRIED BORIC ACID AT VALVE 1CV82 PREVIOUSLY IDENTIFIED UNDER NOTIF# 20104095.

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Sum#	Component I.D.	Component Description	Code Class	Code Cat.	Code Item	NDE Method	Procedure	NOR	GEOM	OTHER	Outage Remarks
951100	SPT-1-CV-006	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	2	C-H			--	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 #13 CHARGING PUMP IS TAGGED PUMP WILL REMAIN OUT OF SERVICE AS PER CR980915258 NO PRESSURE TEST NEEDED AT THIS TIME.
951150	SPT-1-DR-001	(DR) DEMINERALIZED WATER SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951400	SPT-1-RC-003	(RC) REACTOR COOLANT SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951450	SPT-1-RC-004	(RC) REACTOR COOLANT SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951500	SPT-1-RC-005	(RC) REACTOR COOLANT SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951550	SPT-1-RH-001	(RH) RESIDUAL HEAT REMOVAL SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951600	SPT-1-RH-002	(RH) RESIDUAL HEAT REMOVAL SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951650	SPT-1-SA-001	(SA) STATION AIR SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951800	SPT-1-SJ-001	(SJ) SAFETY INJECTION SYSTEM	2, 3	C-H/D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
951950	SPT-1-SJ-004	(SJ) SAFETY INJECTION SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
952000	SPT-1-SJ-005	(SJ) SAFETY INJECTION SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
952050	SPT-1-SJ-006	(SJ) SAFETY INJECTION SYSTEM	1	B-P		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
952100	SPT-1-SJ-007	(SJ) SAFETY INJECTION SYSTEM	1	B-P		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
952150	SPT-1-SJ-008	(SJ) SAFETY INJECTION SYSTEM	1, 2	B-P/C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
952300	SPT-1-SS-002	(SS) SAMPLING SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
952350	SPT-1-SS-003	(SS) SAMPLING SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
952400	SPT-1-SS-004	(SS) SAMPLING SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	N	O	U	Other	Outage Remarks
952800	SPT-1-SS-012	(SS) SAMPLING SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
952950	SPT-1-SS-015	(SS) SAMPLING SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953050	SPT-1-SW-001	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953100	SPT-1-SW-002	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953150	SPT-1-SW-003	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953200	SPT-1-SW-004	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953250	SPT-1-SW-005	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953350	SPT-1-SW-007	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953400	SPT-1-SW-008	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953500	SPT-1-SW-010	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953550	SPT-1-SW-011	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953600	SPT-1-SW-012	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953650	SPT-1-SW-013	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953700	SPT-1-SW-014	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953900	SPT-1-SW-018	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
953950	SPT-1-SW-019	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	-	-	X		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED LEAK AT VALVES 1SW965 & 12SW380 MAINT TO PERFORM REPAIRS UNDER NOTIF# 20101601.
954000	SPT-1-SW-020	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	-	-	X		02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED LEAK AT TUBE SHEET HEAD MAINT TO PERFORM REPAIRS UNDER NOTIF# 20101600

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	NO	OR	OTHER	Outage Remarks
954050	SPT-1-SW-021	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954100	SPT-1-SW-022	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	-	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED LEAK AT WEST SIDE OF TUBE SHEET HEAD MAINT TO PERFORM REPAIRS UNDER NOTIF# 20104095.
954200	SPT-1-SW-024	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954300	SPT-1-SW-026	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954350	SPT-1-SW-027	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954400	SPT-1-SW-028	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954450	SPT-1-SW-029	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	-	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED FLANGE LEAKING AT VALVE 1SWE24 NOTIFICATION# 20119406 WAS GENERATED. RE-EXAM AFTER FLANGE WAS TIGHTENED AND WAS SATISFACTORY.
954550	SPT-1-SW-031	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954600	SPT-1-SW-032	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954650	SPT-1-SW-033	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954660	SPT-1-SW-035	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	-	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED PACKING LEAK AT VALVE 13SW92 MAINT TO PERFORM REPAIRS UNDER NOTIF# 20102874..
954665	SPT-1-SW-036	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954670	SPT-1-SW-037	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954675	SPT-1-SW-038	(SW) SERVICE WATER SYSTEM	3	D-B		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954700	SPT-1-VC-001	(VC) CONTAINMENT VENTILATION SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	NO IN CH G M	OTHER	Outage Remarks
954800	SPT-1-VC-003	(VC) CONTAINMENT VENTILATION SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954850	SPT-1-VC-004	(VC) CONTAINMENT VENTILATION SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
954900	SPT-1-VC-005	(VC) CONTAINMENT VENTILATION SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
955000	SPT-1-VC-007	(VC) CONTAINMENT VENTILATION SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
955150	SPT-1-WL-002	(WL) WASTE LIQUID SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
955300	SPT-1-WL-005	(WL) WASTE LIQUID SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
955350	SPT-1-WR-001	(WR) WASTE RECOVERY SYSTEM	2	C-H		VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
958010	NR-SPT-1-BR-001	(BR) BORON RECOVERY SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30038127.
958020	NR-SPT-1-CS-001	(CS) CONTAINMENT SPRAY SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	-	X	02RF - NDE TO BE PERFORMED UNDER W/O# 30043414 VT-2 EXAM NOTED DRY BORIC ACID ON VALVE 11CS47 NOTIFICATION# 20116892 WAS GENERATED.
958030	NR-SPT-1-CS-002	(CS) CONTAINMENT SPRAY SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
958040	NR-SPT-1-CV-001	(CV) CHEMICAL & VOLUME CONTROL SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30036773
958050	NR-SPT-1-CV-002	(CV) CHEMICAL & VOLUME CONTROL SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 3006544
958060	NR-SPT-1-CV-003	(CV) CHEMICAL & VOLUME CONTROL SYSTEM	2, 3	A-E	NR0578	VT-2	--	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30038210 NO SYSTEM LEAKAGE TEST WAS PERFORMED DUE TO #13 CHRG PUMP IS TAGGED OUT FOR THE CR5 UNDER CR980915258.

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Sum#	Component I.D.	Component Description	Code Class	Code Cat	Code Item	NDE Method	Procedure	NORM	OTHER	Outage Remarks
958070	NR-SPT-1-CV-004	(CV) CHEMICAL & VOLUME CONTROL SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30036546
958080	NR-SPT-1-CV-005	(CV) CHEMICAL & VOLUME CONTROL SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	-	-	X 02RF - NDE TO BE PERFORMED UNDER W/O# 50037068 VT-2 EXAM NOTED BORIC ACID ON VALVE 1CV9 NOTIFICATION 20114858 WAS GENERATED.
958090	NR-SPT-1-CV-006	(CV) CHEMICAL & VOLUME CONTROL SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30037700
958100	NR-SPT-1-CV-007	(CV) CHEMICAL & VOLUME CONTROL SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30037889
958110	NR-SPT-1-RH-001	(RH) REHEAT REMOVAL SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30044219
958120	NR-SPT-1-RH-002	(RH) REHEAT REMOVAL SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30044360
958130	NR-SPT-1-SI-001	(SJ) SAFETY INJECTION SYSTEM	1, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	-	-	X 02RF - NDE TO BE PERFORMED UNDER W/O# 30044147 VT-2 NOTED BORIC ACID LEAKAGE ON VALVES 1SJ67 NOTIF# 20118043, VALVE 1SJ68 NOTIF# 20118044, VALVE 1SJ170 NOTIF# 20118045 WERE GENERATED.
958140	NR-SPT-1-SI-002	(SJ) SAFETY INJECTION SYSTEM	1, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
958150	NR-SPT-1-SI-003	(SJ) SAFETY INJECTION SYSTEM	1, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	-	-	X 02RF - NDE TO BE PERFORMED UNDER W/O# 30038130 VT-2 NOTED PACKING LEAKAGE ON VALVES 1SJ11 NOTIF# 20118136, VALVE 1SJ309 NOTIF# 20118137, VALVE 1SJ 310 NOTIF# 20118138 WERE GENERATED.
958160	NR-SPT-1-SS-001	(SS) SAMPLING SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30037667
958170	NR-SPT-1-SS-002	(SS) SAMPLING SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 50037068
958180	NR-SPT-1-SS-003	(SS) SAMPLING SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30040712
958190	NR-SPT-1-SS-004	(SS) SAMPLING SYSTEM	2, 3	A-E	NR0578	VT-2	SHRAISZZ0005 Q	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30037689. AS PER CHEMISTRY AND OPERATIONS, SYSTEM IS TAGGED OUT
958200	NR-SPT-1-WG-001	(WG) WASTE GAS SYSTEM	3, 3	A-E	NR0578	VT-2	SCRAISWG0003 Q	X	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30040548

RFO# 15

ISI EXAMINATION RESULTS

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Sum#	Component I.D.	Component Description	Code Class	Code Cat.	Code Item	NDE Method	Procedure	NOR	ING	OM	OTHER	Outage Remarks
958220	NR-SPT-1-WG-003	(WG) WASTE GAS SYSTEM	3, 3	A-E	NR0578	VT-2	SCRAISWG0003Q	X	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30073110
958230	NR-SPT-1-WG-004	(WG) WASTE GAS SYSTEM	3, 3	A-E	NR0578	VT-2	SCRAISWG0003Q	X	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30073114
958240	NR-SPT-1-WG-005	(WG) WASTE GAS SYSTEM	3, 3	A-E	NR0578	VT-2	SCRAISWG0003Q	X	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30073111
958250	NR-SPT-1-WG-006	(WG) WASTE GAS SYSTEM	3, 3	A-E	NR0578	VT-2	SCRAISWG0003Q	X	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30073112
958260	NR-SPT-1-WG-007	(WG) WASTE GAS SYSTEM	3, 3	A-E	NR0578	VT-2	SCRAISWG0003Q	X	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30073115
958270	NR-SPT-1-WL-001	(WL) WASTE LIQUID SYSTEM	3, 3	A-E	NR0578	VT-2	SHRAISZZ0005Q	X	-	-	-	02RF - NDE TO BE PERFORMED UNDER W/O# 30035458

**ENCLOSURE 4**

**TABLE 2**  
**ITEMS WITH FLAWS OR RELEVANT CONDITIONS**  
**THAT REQUIRED**  
**EVALUATION FOR CONTINUED SERVICE**



**TABLE 2**  
**ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT**  
**REQUIRED EVALUATION FOR CONTINUED SERVICE**

Examination Category	Item Number	Item Description	Flaw Characterization	Flaw or Relevant Condition Found: During Scheduled Section XI Examination or Test (Yes or No)
C-A	C1.20	Chemical Volume Control Tank 1-CVCT-2	Two subsurface axial linear indications in head to lower shell weld	(YES) Sum # 204800 – Head to Lower Shell Weld. Engineering Evaluation (Fracture Mechanics Analysis) – Use As Is. (Section XI 1 <sup>st</sup> of 3 Re-Exams) No change in indications.
F-A	F1.30 I	Component Cooling Hanger Sum# 520240	Hanger Rod against support bracket causing rod to be bent	(Yes) Notification# 20115898 was generated. Engineering analysis performed. Disposition - Use As Is.
F-A	F1.30-M	Safety Injection Support Sum# 522000	Bolting loose on support plate	(Yes) Notification# 20116971 was generated. Engineering analysis performed. This is a sliding support; bolts need to be loose. Disposition - Use As Is.

**ENCLOSURE 5**

**TABLE 3  
ABSTRACT OF REPAIRS, REPLACEMENTS, OR  
CORRECTIVE MEASURES  
REQUIRED FOR CONTINUED SERVICE  
(FOR PERIOD MAY 19, 2001 TO NOVEMBER 6, 2002)**

**TABLE 3**  
**ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES**  
**REQUIRED FOR CONTINUED SERVICE**

For the period 5/19/2001 to 11/6/2002

Code Class	Repair Replacement, or Corrective Measure	Item Description	Description of work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Complete	Repair Replacement Plan Number	
						DR#	CJP#
3	Analyzed	S1SW -12SW380	Use-As-Is Wrong taper pin material	No	5/19/2001	70017103	NA
3	Replacement	S1sw -14SW273	Replaced valve with plug	No	2/1/2002	80034837	NA
3	Replacement	1-SW-P-1348	Thru wall leak in spool. Replaced spool and valves	No	11/27/2002	80035227	60023315
3	Replacement	S1SW -11SW520 S1SW -11SW521	Replaced valve and tubing	No	12/9/2002	80036685	NA
3	Replacement	S1SW -11SW97	Replaced valve, flange and tubing	No		80038254	NA
3	Replacement	S1SW -16SW226	Replace flange and tubing	No	1/15/2002	80039284	NA
3	Analyzed	S1SW -15SW223	Use-As-Is Engineering acceptance of replacement V-ball	No	1/24/2002	30026569	60018941
3	Repair	S1SJ -1SJE5	Weld repair leaking nozzle and manway	No	11/1/2002	80029923	60019962
3	Repair	S1SW -11SW42	Weld repair valve body	No	12/13/2002	80045951	30027138
3	Replacement	S1SW -12SW285	Replaced valve	No	12/10/2002	80052993	NA
3	Repair	S1SW -12SW469	Weld repair valve body	No	11/20/2002	80053027	60032565

**TABLE 3**  
**ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES**  
**REQUIRED FOR CONTINUED SERVICE**

For the period 5/19/2001 to 11/6/2002

Code Class	Repair Replacement, or Corrective Measure	Item Description	Description of work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Complete	Repair Replacement Plan Number	
						DR#	CJP#
3	Repair	1C-11SIS-133	Repaired and relocated spring can hanger	Yes	11/14/2002	80053243	60032667
3	Replacement	S1SW -11SW125	Replace piping, flange and reducer	No	11/4/2002	80052774	NA
3	Analyzed	S1SW -12SW469	Use-As-Is for inadequate body to bonnet bolting thread engagement	No	10/28/2002	70027842	NA
2	Analyzed	S1SW-14SW72	Use-As-Is for valve disc installed 180 degrees out	No	10/29/2002	70027843	N/A
3	Repaired	1-SW-P-100	Weld repair spool piece	No	12/11/2002	80052665	30012368