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PSEG
Nuclear LLC

January 30, 2007
LR-N07-0016

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington DC 20555-001

Salem Nuclear Generating Station Unit 2
Facility Operating License No. DPR-75
NRC Docket No. 50-311

SUBJECT: Inservice Inspection Activities – 90-Day Report

This letter submits the ninety (90) day report for Inservice Inspection (ISI) activities conducted at the Salem Generating Station Unit No. 2 during the fifteenth refueling outage. This report is submitted in accordance Article IWA-6000 of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, 1998 Edition, 2000 Addenda.

The enclosures to this letter are as follows:

Enclosure 1 Salem Unit 2, 2R15 Final Outage Report
Enclosure 2 Salem Unit 2, ISI Examination Plan and Results
Enclosure 3 Salem Unit 2, Reactor Coolant Pump (RCP) Flywheel Inspection Plan and Results
Enclosure 4 Salem Unit 2, IWE Examination Plan and Results
Enclosure 5 Salem Unit 2, Owners Activity Report

Should you have any questions regarding this submittal, please contact E. H. Villar at (856) 339-5456.

Sincerely,

Thomas P. Joyce
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Enclosures (5)

A047

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LR-N07-0016
Enclosure 1
Salem Unit 2, 2R15
Final Outage Report With Appendices

ABSTRACT

This report represents an accumulation of information pertaining to the In-Service Inspection (ISI) activities conducted during Salem Unit 2 fifteenth Refueling Outage (RFO#15). ISI/ nondestructive examinations (NDE) exams were conducted in accordance with the Salem Unit 2 ISI Program Long Term Plan.

ISI/NDE examinations were completed of selected Salem Generating Station Unit 2 Class 1, Class 2, Class 3, and Class MC components. PSEG-Nuclear LLC (PSEG), Areva, Team Industrial Services and Wesdyne personnel performed these examinations during the period from October 10, 2006 through November 01, 2006 (21 days).

These examinations constituted the fifteenth (15^{th}) outage overall and the second outage of the first period of the third interval (3^{rd} Interval 1^{st} Period, 2^{nd} Outage 3-1-2) at Salem Unit 2 Third 10-year Inspection Interval of operation. This final report covers the time period between breaker closure after RFO#14 (May 11, 2005) until breaker closure after RFO#15 (November 1, 2006).

ISI/NDE exams were completed in accordance with American Society of Mechanical Engineers (ASME) Section XI 1998 up through and including Edition 2000 Addenda. Ultrasonic testing requirements were completed in accordance with ASME XI Appendix VIII as amended by 10CFR50.55a Final Rulemaking. Other ISI/NDE examinations were conducted using Visual (VT), Magnetic Particle (MT), Liquid Penetrant (PT), and Manual Ultrasonic (UT), nondestructive examination techniques.

Containment ISI examinations were conducted in accordance with ASME Section XI IWE/IWL 1998 Edition up through and including 1998 Addenda as amended by the Nuclear Regulatory Commission's Safety Evaluation Report (SER). These examinations constituted the first outage of the third period of the first interval at Salem Unit 2 marking the beginning of the third period of scheduled exams of the First 10- year Inspection Interval.

This report also contains augmented examinations required by Salem Unit 2 Technical Specifications (TS), and commitments made in response to Nuclear Regulatory Commission (NRC) Regulatory Guides, Circulars, Bulletins, and selective preventive maintenance examinations.

SALEM UNIT 2 (RFO#15) ISI FINAL SUMMARY REPORT

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SALEM UNIT 2 (RFO#15) ISI FINAL SUMMARY REPORT

I. SUMMARY REPORT

During RFO#15, PSEG, Team Industrial, Areva, and Wesdyne personnel performed ISI/NDE examinations of selected Salem Generating Station Unit 2 Class 1, Class 2, Class 3, Class MC, components. These examinations constituted the fifteenth (15^{th}) outage overall and the second outage of the first period of the third interval (3^{rd} Interval 1^{st} Period, 1^{st} Outage 3-1-2) at Salem Unit 2. This final report covers the time period between breaker closure after RFO#14 (May 11, 2005) until breaker closure after RFO#15 (November 1, 2006).

Containment ISI examinations were conducted in accordance with ASME Section XI IWE/IWL 1998 Edition up through and including 1998 Addenda as amended by the NRC's Safety Evaluation Report (SER). These examinations constituted the first (1^{st}) outage of the third (3^{rd}) period of the first interval (1-3-1) at Salem Unit 2 marking the beginning of the third period of scheduled exams of the First 10- year Inspection Interval. This final report covers the time period between breaker closure after RFO#14 (May 11, 2005 until breaker closure after RFO#15 (November 1, 2006).

This report also contains augmented examinations required by Salem Unit 2 TS and commitments made in response to NRC Regulatory Guides, Circulars and Bulletins and selective preventive maintenance examinations.

Allocation tables are contained in Appendix "G" of this report.

This report is presented in 4 volumes as follows:

Volume 1 - ISI Salem 2 RFO# 15 Summary Report with Appendices A through P
Volume 2 - ISI Salem 2 RFO# 15 Appendixes Q thru V Field Data Reports
Volume 3 - ISI Salem 2 RFO# 15 RCP Flywheel Ten Year Exam Report.
Volume 4 - ISI Salem 2 RFO# 15 Manual ISI Exams Final Report (Areva).
Volume 5 - ISI Salem 2 RFO# 15 Flow Accelerated Corrosion (FAC) Field Data Reports.

A. Applicable Documents

ISI/NDE exams were conducted in accordance with the following documents:

* Section XI of the ASME Boiler and Pressure Vessel (B&PV) Code, "Rules for Inservice Inspection of Nuclear Power Plant Components", 1998 Edition 2000 Addenda.

* Ultrasonic testing requirements were completed in accordance with ASME XI 1998 Edition 2000 Addenda Appendix VIII as amended by the 10CFR50.55a Final Rulemaking.

* Containment Inservice Inspection examinations were conducted in accordance with ASME Section XI IWE/IWL 1998 Edition up through and including 1998 Addenda as amended by the NRC's SER.

* Salem Generating Station Unit 2 ISI Program Long Term Plan, Third Interval, Revision 0.

* PSEG's Salem Nuclear Generating Station Unit 2, ISI RFO EXAM PLAN (S2RFO#15, REV. 1), Third Interval, First Period, Second Outage.

B. ISI Section XI Volumetric & Surface Examinations Performed.

Framatome-ANP, Team Industrial and Wesdyne under the direction of the PSEG ISI Group, conducted twenty-nine (29) manual ultrasonic (UT), seven (7) liquid penetrant (PT), two (2) Magnetic Particle (MT) Examinations, and one (1) RCP Shaft ultrasonic exam.

PSEG Nuclear applies Risk Informed Inservice Inspection (RI-ISI) of Nuclear Class 1 and 2 Piping Welds, formerly known as ASME Section XI Exam Category B-F, B-J, C-F-1 and C-F-2. The bases of the Salem Unit 2 RI-ISI Program are documented in the Salem Nuclear Generating Station – Final Report – Risk Informed Inservice Inspection Application (VTD-326046).

During 2R15 ISI NDE examinations were conducted of the following Class 1 and 2 systems and components:

Class 1

Vessels
- Rx Vessel Shell to Flange and ligaments
- Pressurizer
- Steam Generators

Piping
- Reactor Coolant
- Safety Injection
- Residual Heat Removal
- Chemical and Volume Control

Class 2

Vessels
- Steam Generator

Piping
- Feed Water
- Main Steam
- Residual Heat Removal
- Chemical and Volume Control
- Safety Injection
- Containment Spray

C. ISI Section XI Reactor Vessel Visual (IVVI) Examinations Performed.

Sum#	Component I.D.	Description
931000	IVVI-100	UPPER INTERNALS TO LOWER INTERNALS KEYS
932000	IVVI-200	RPV STUD AREA
932100	IVVI-202	CORE BARREL-TO-FLG MATING SURFACES
932150	IVVI-203	VESSEL HEAD ALIGNING KEYS (PINS)
932250	IVVI-205	IRRADIATION SPECIMEN PLUGS (FLG AREA)
933000	IVVI-300	BAFFLE PANEL BOLTS
933050	IVVI-301	DEBRIS SCAN ON CORE BARREL DISTR. PLATE
933100	IVVI-302	CIRC WELD ABOVE CORE BARREL SHROUD
933250	IVVI-305	TOP OF FORMERS (0 TO 360 DEG.) PLAN VIEW
933300	IVVI-306	INSIDE CORE BARREL TOP FLG-TO-SHELL WELD
933400	IVVI-308	LOWER CORE PLATE (DISTR. PLATE) FORGING

There were no unacceptable exam results identified.

D. ISI Section XI Visual Examinations of Valves and Bolting

PSEG's ISI Group conducted ten (10) Class 1 bolting exams. There was no Class 1 valve internal exam.

The following components were examined:

Summary No	Component ID	Comments
004900	2-RPVCH-NUTS 1-54	VT-1 Exam of Bolting
005100	2-RPVCH-WASHERS 1-54	VT-1 Exam of Bolting
022800	24-STG-OMB	VT-1 Exam of Bolting
022900	23-STG-OMB	VT-1 Exam of Bolting
023100	21-STG-OMB	VT-1 Exam of Bolting
023200	24-STG-IMB	VT-1 Exam of Bolting
023300	23-STG-IMB	VT-1 Exam of Bolting
023500	21-STG-IMB	VT-1 Exam of Bolting
258250	23SJ56 BOLTING	VT-1 Exam of Bolting
258800	24SJ43 BOLTING	VT-1 Exam of Bolting

ISI Section XI examinations were conducted on the following systems:

- Safety Injection
- Reactor Coolant
- Chemical and Volume Control

There were no unacceptable exam results identified.

E. ISI Section XI Visual Examination of Components Supports

PSEG Nuclear's ISI Group conducted five (5) VT-3 visual examinations.

There were no unacceptable indications identified

F. ISI section XI Visual Examination of Containment Integrity.

PSEG's ISI Group conducted one hundred fifty four (154) VT-G IWE Visual Examinations

There were no unacceptable exam results identified.

G. ISI Section XI System Leakage Examinations

PSEG's ISI Group conducted seventy four (74) System Pressure Tests of System functional or Inservice Test, on Nuclear Class 1, 2, and 3, in accordance with ASME Section XI.

A system leakage exam was performed in accordance with ASME Section XI on all Class 1 Systems. The system leakage test was performed with the Reactor Coolant System in Mode 3 (normal operating pressure) with the insulation installed. No pressure boundary leakage was detected.

Work requests were initiated to correct minor mechanical leakage that was not corrected during the system walk downs.

Class 2 and 3 System Pressure Tests were conducted of the following systems:

- Auxiliary Feed Water
- Component Cooling
- Containment Spray
- Control Air
- Fire Protection
- Residual Heat Removal
- Reactor Coolant
- Station Air
- Spent Fuel Pool Cooling
- Safety Injection
- Sampling
- Service Water
- Ventilation Control
- Waste Liquid

There were no unacceptable results Identified.

H. RCP Flywheel Examination - USNRC Regulatory Guide 1.14

Areva completed required ultrasonic and surface examinations on 21 reactor coolant pump flywheel Serial # 1S-D003 in accordance with station TS requirements.

There were no unacceptable exam results identified.

I. Augmented High Energy Piping Welds Risk Informed Break Exclusion Region (RI-BER) (Branch Technical Position MEB 3-1)

PSEG applied Risk Informed Break Exclusion Region (RI- BER) of Nuclear Class 1 and 2 Piping Welds, formerly known as MEB-3-1 Program. The bases of the Salem Unit 2 RI-BER Program are documented in the Salem Nuclear Generating Station – Final Report – Risk Informed Inservice Inspection Application (VTD-326046).

There were no welds examined, during RFO#15 to comply with the Risk Informed Break Exclusion Region (RI-BER).

J. Augmented Bolted Connection Exams- Code Case N 533-1

PSEG's ISI Group conducted eighty-three (83) Class 1 bolted connection VT-2's in accordance with the ISI Long Term Plan Program and Code Case N 533-1.

There were no other unacceptable exam results identified.

K. Augmented System Leakage Tests per NUREG 0578 "TMI Lessons Learned"

PSEG's ISI Group conducted twenty-seven (27) System Leakage Tests in accordance with NUREG 0578 on the following systems:

- Safety Injection
- Chemical and Volume Control
- Sampling
- Waste Gas
- Residual Heat Removal
- Containment Spray
- Boron Recovery
- Waste Liquid

There were no unacceptable exam results identified.

L. Additional Augmented Examinations Performed.

Sum#	Component ID	Description	NDE
007116	Flux Thimble Tubing Dissimilar Metal weld	FLUX THIMBLE WELDS ON LOWER HEAD	VT-2
012520	PZR Inst. Penetrations	Instrument Nozzles (4) Top - (4) Bottom	VT-2
080010	24 HOT LEG Thermal Welds	#24 HOT LEG Thermal Welds	VT-2
081210	23 HOT LEG Thermal Welds	#23 HOT LEG Thermal Welds	VT-2
082210	22 HOT LEG Thermal Welds	#22 HOT LEG Thermal Welds	VT-2
083310	21 HOT LEG Thermal Welds	#21 HOT LEG Thermal Welds	VT-2
083410	24 COLD LEG Thermal Welds	#24 COLD LEG Thermal Welds	VT-2
084410	23 COLD LEG Thermal Welds	#23 COLD LEG Thermal Welds	VT-2
085610	22 COLD LEG Thermal Welds	#22 COLD LEG Thermal Welds	VT-2
086510	21 COLD LEG Thermal Welds	#21 COLD LEG Thermal Welds	VT-2
251555	#21 RCP SHAFT	#21 Reactor Coolant Pump Shaft	UT
734262	2SJE6	NO.21 Accumulator Instrumentation Nozzles Penetrations	VT-2
734263	2SJE7	NO.22 Accumulator Instrumentation Nozzles Penetrations	VT-2
734264	2SJE8	NO.23 Accumulator Instrumentation Nozzles Penetrations	VT-2
734265	2SJE9	NO.24 Accumulator Instrumentation Nozzles Penetrations	VT-2
004672	27.5-RC-1210-5-BMV	NO. 21 Cold leg Nozzle to Safe End	VT-2
004662	27.5-RC-1220-5-BMV	NO. 22 Cold leg Nozzle to Safe End	VT-2
004642	27.5-RC-1230-5-BMV	NO. 23 Cold leg Nozzle to Safe End	VT-2
004652	27.5-RC-1240-5-BMV	NO. 24 Cold leg Nozzle to Safe End	VT-2
004632	29-RC-1210-1-BMV	NO. 21 Cold leg Nozzle to Safe End	VT-2
004622	29-RC-1220-1-BMV	NO. 22 Cold leg Nozzle to Safe End	VT-2
004602	29-RC-1230-1-BMV	NO. 23 Cold leg Nozzle to Safe End	VT-2
004612	29-RC-1240-1-BMV	NO. 24 Cold leg Nozzle to Safe End	VT-2
012510	HTR. PENETRATIONS (SPT)	Pressurizer Heater Penetrations	VT-2

There were no unacceptable exam results identified.

M. Preservice Examinations of Various Bolting Material Replacements

There Were No Pre-Service Visual Bolting Examinations Performed This Outage.

N. Preservice Examinations of Various Piping Welds Due To Repair/ Replacement / Modifications

There Were No Pre-Service Pipe Weld Examinations Performed This Outage.

O. Preservice Examinations on Various Component Supports and their Associated Integral Attachments Due to Repair/ Replacement / Modifications

- One (1) component support or their associated integral attachment were repaired / replaced or modified as identified below:

Preservice Examinations Of Various Component Supports And Their Associated Integral Attachments Due To Repair/ Replacement / Modifications					
Item #	**Sum #**	**Component I.D.**	**PSEG DCP**	**PSEJ CJP**	**Order #**
1.	203770	2C-23-SIH-875	N/A	N/A	50086564

The applicable (PSI) examination was performed with no unacceptable indications identified.

P. Preservice Examinations on IWE/IWL Component Due to Repair/ Replacement / Modifications

- One (1) IWE component was repaired / replaced or modified as identified below:

Preservice Examinations Of Various Component Supports And Their Associated Integral Attachments Due To Repair/ Replacement / Modifications					
Item #	**Sum #**	**Component I.D.**	**PSEG DCP**	**PSEJ CJP**	**Order #**
1.	835700	ALK-S2-100-AIRLOCK	N/A	N/A	50086564

The applicable (PSI) examination was performed with no unacceptable indications identified.

Q. Erosion / Corrosion UT Thickness Program

In response to NRC Bulletin 87-01 and Generic Letter 89-08, one hundred and thirty nine (139) components were scheduled for UT thickness examinations. The data reports and results can be obtained by contacting the FAC program engineer.

The following components were replaced, due to the results of the erosion/corrosion UT examinations performed.

Erosion / Corrosion UT Thickness Program			
ITEM NO.	**SYSTEM**	**COMPONENT ID**	**COMPONENT DESCRIPTION**
1.	MSR Drain	2S-MSR-336-L1	4" Elbow
	MSR Drain	2S-MSR-399-L1	2" Elbow
	MSR Drain	2S-MSR-316-L1	4" Elbow

The following is a break down of these examinations.

- Three (3) components were replaced.
- One hundred thirty six (136) were acceptable for continued service, based on minimum wall design requirements.
- No components required a weld build-up.

The following components were replaced as a result of low readings obtained during Salem 2 RFO#14 outage.

FAC #	Component ID	Description	System
A24	2S-HD-437A-V2	12"X10" Reducer	#21 HD Pump Discharge
C88	2S-MSR-323-T1	4" Tee	MSR Drain
F33	RD-2S-SGB-310-T1	6" Tee	Steam Generator Blow Down
K01	2S-HW-616-R1	6"x4" Reducer	Heating Water
M52	2S-C03-T1	24"x18" Tee	Condensate
M115	2S-C-480-B1	18" Bend	Condensate
N51	20SGF-1-T1	18"x14" Reducer	Steam Generator Feedwater
N86	2-SGF-28-B1	14" Bend	Steam Generator Feedwater
J37	2S-RS-1093-L1	1 ½" Elbow	Turbine Drain

There were no other unacceptable exam results identified.

R. Functional Testing Of Selected Snubbers- Technical Specification 4.7.9 (C)

LARGE BORE REXNORD HYDRAULIC SNUBBERS

Hydraulic snubbers were removed or modified during the Steam Generator

Snubber elimination project design change:

- Eight (8) S/G 1,000 Kip –Rexnord Removed From Service
- Eight (8) S/G 1,000 Kip –Rexnord Removed Modified to Limit Stops

There were no degraded and or failed snubbers identified during Visual Examinations.

LISEGA HYDRAULIC SNUBBERS

Lisega snubbers were tested using the Technical Specification 4.7.9(c), 10% sample plan using the Wyle Laboratories Model 150 snubber test machine as follows:

- Twelve (12) Lisega small snubber

There were no degraded and or failed snubbers identified during testing.

All inaccessible Unit 2 Snubbers were visually examined per Salem Unit 2 TS Section. 4.7.9.

Examination results were found satisfactory.

Section S

Date: **Salem Unit 2 Nuclear Generating Station** **Page:**

ISI Program Long Term Plan Third Interval Class 1 Components **Revision:**

Summary	Component ID	Description	Group	Misc. Info
(1)	(2)	(3)	(4)	(5)

Plant ISO#	ISI ISO #	ASME Cat.	ASME Item	ASME Class	System	Examination Method		
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12)	(12)

Comments	(13)

(14)	1st Interval			2nd Interval			3rd Interval			4th Interval		
SCOPE	1st Period	2nd Period	3rd Period	1st Period	2nd Period	3rd Period	1st Period	2nd Period	3rd Period	1st Period	2nd Period	3rd Period
ISI	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
AUG	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
OWN	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
PRE	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -

1) Unique Reference Number.

2) ISI Program Component Identification Number

3) Component Description/ Configuration

4) Component Group Designation

5) Miscellaneous Information- Hanger Detail No., Calibration Block No.

6) Construction Isometric No.

7) ISI Sketch No.

8) ASME Section XI Examination Category Designation

9) ASME Section XI Examination Item Number

10) ASME Classification

11) System Designation

12) NDE Exam Method

13) Comments- Exam Limitation/Coverage, Additional Instructions

14) Examination History (Interval/Period/Outage)

IDDEAL Concepts ISI Program Scheduling Identifiers

Scheduled	"s"	To schedule a component, place the identifier "s" in the required period/outage.
Completed	"c"	Upon exam completion for a scheduled component and by uploading the outage scope from IDDEAL back to Schedule Works, an "s" will be updated to completed "c".
Re-scheduled	"r"	Once a component has been scheduled, and you wish to reschedule to another outage, replace the scheduled "s" with a rescheduled "r" and enter an "s" in the new outage schedule.
Expanded	"e"	To increase a work scope without taking code credit in the percentage calculations, enter an expanded "e".
	"E"	Upon exam completion of an expanded scope and by either uploading the outage scope from IDDEAL or manually changing the letter to an upper case "E" the exam scope is completed.
Additional Expanded Scope	"a"	After an initial expanded work scope has been identified and you wish to add an increased expanded work scope, enter an additional expanded scope "a".
	"A"	Upon exam completion of an additional expanded scope and by either uploading the outage scope fro IDDEAL or manually changing the letter to an upper case "A" the exam scope is completed.
Partial	"p"	To track partially completed component examination requirements enter a partial "p".
Deferred	"d"	Once a component has been scheduled, and you wish to defer the inspection to another Outage, or Period, replace the scheduled "s" with a deferred "d" and enter an "s" in the new Outage.
Limited	"l"	To track limited component examinations or limited completions of requirements enter "l".
Multiple	"b"	For multiple scheduling of the same component in successive Outages or Periods within an Interval enter "b".
	"B"	Upon exam completion of a multiple scope in the same Interval and by either uploading the outage scope from IDDEAL or manually changing the letter to an upper case "B" the exam scope is completed. This multiple scheduling scope will not count as complete
Tickler	"t"	To track exam scopes or use as reminder or identifier to confirm scheduling enter "t".
Successive	"h"	Successive examinations. **(Code Required Re-Exams)**
	"H"	Upon exam completion of a successive scope and by either uploading the outage scope from IDDEAL or manually changing the letter to an upper case "H" the exam scope is completed.

T. List of Acronym's

ABBREVIATION	DESCRIPTION
A-E	AUGMENTED EXAM
AF	AUXILIARY FEEDWATER SYSTEM
ASME	AMERICAN SOCIETY OR MECHANICAL ENGINEERS
BF	STEAM GENERATOR MAIN FEEDWATER SYSTEM
BIT	BORIC ACID INJECTION TANK
BR	BORIC ACID RECOVERY SYSTEM
CA	CONTROL AIR SYSTEM
CC	COMPONENT COOLING SYSTEM
CCW	COUNTER CLOCK WISE
CHR	CONTAINMENT HEAT REMOVAL SYSTEM
CRC	CORROSION RESISTANT CLAD
CRD	CONTROL ROD DRIVE
CS	CONTAINMENT SPRAY SYSTEM
CW	CLOCK WISE
CV	CHEMICAL VOLUME AND CONTROL SYSTEM
DG	DIESEL GENERATORS AND AUXILIARIES
DR	DEMINERALIZED WATER - RESTRICTED
ECCS	EMERGENCY CORE COOLING SYSTEM
EXAM	EXAMINATION
FO	DIESEL GENERATOR FUEL OIL SYSTEM

f. List of Acronym's (Cont'd)

ABBREVIATION	DESCRIPTION
FB	FLANGE BOLTING
FLG	FLANGE
FP	FIRE PROTECTION SYSTEM
FW	MAIN FEED WATER PUMP & PIPING
GB	STEAM GENERATOR BLOWDOWN SYSTEM
HT	HEAD TANK
IA	INTEGRAL ATTACHMENT
INSIG	INSIGNIFICANT
ISI	INSERVICE INSPECTION
LD	LONGITUDINAL SEAM WELD EXTENDING DOWNSTREAM
LDI	LONGITUDINAL SEAM WELD EXTENDING DOWNSTREAM ON THE INSIDE RADIUS OF AN ELBO
LDO	LONGITUDINAL SEAM WELD EXTENDING DOWNSTREAM ON THE OUTSIDE RADIUS OF AN ELBOW
LGS	LUGS
LO	ZERO REFERENCE LOCATION
LTP	LONG TERM PLAN
LU	LONGITUDINAL SEAM WELD EXTENDING UPSTREAM
LUI	LONGITUDINAL SEAM WELD EXTENDING UPSTREAM ON THE INSIDE RADIUS OF AN ELBOW
LUO	LONGITUDINAL SEAM WELD EXTENDING UPSTREAM ON THE OUTSIDE RADIUS OF AN ELBOW

f. List of Acronym's (Cont'd)

ABBREVIATION	DESCRIPTION
MS	MAIN STEAM SYSTEM
M-UT	MECHANIZED ULTRASONIC EXAMINATION
MT	MAGNETIC PARTICLE EXAMINATION
NDE	NONDESTRUCTIVE EXAMINATION
NDT	NONDESTRUCTIVE TESTING
NPS	NOMINAL PIPE SIZE
NRC	NUCLEAR REGULATORY COMMISSION
PR	PRESSURIZER RELIEF SYSTEM
PS	PRESSURIZER SPRAY SYSTEM
PSAR	PRELIMINARY SAFETY ANALYSIS REPORT
PSEG	PSEG NUCLEAR LLC
PSI	PRESERVICE INSPECTION
PT	LIQUID PENETRANT EXAMINATON
PZR	PRESSURIZER
RC	REACTOR COOLANT SYSTEM
RCP	REACTOR COOLANT PUMP
REV	REVISION
RHR	RESIDUAL HEAT REMOVAL SYSTEM
RPV	REACTOR PRESSURE VESSEL
RPVCH	REACTOR PRESSURE VESSEL CLOSURE HEAD

f. List of Acronym's (Cont'd)

ABBREVIATION	DESCRIPTION
RX	REACTOR
SCAN PLAN	MECHANIZED EXAMINATION PLAN
SA	STATION AIR SYSTEM
SF	SPENT FUEL POOL COOLING & FILTERING REFUELING CANAL & FUEL TRANSFER TUBE SPENT FUEL POOL
SJ	SAFETY INJECTION SYSTEM
SW	SERVICE WATER SYSTEM
UFSAR	UPDATED FINAL SAFETY ANALYSIS REPORT
UT	MANUAL ULTRASONIC EXAMINATION
VT	VISUAL EXAMINATION
WL	WASTE LIQUID SYSTEM

LR-N07-0016
Enclosure 2
Salem Unit 2
2R15 Examination Results

Salem Nuclear Generating Station, Unit 2
ISI Program Long Term Plan
RFO-15 ISI Examination Results

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
002701	2-RPV-7442	VESSEL TO FLANGE	UT-7	Accept	Examination performed by AREVA qualified personnel	SDH's 1/4T, 1/2T, 3/4T unavailable from clad side of block 109-SAM. Used SDH's at the following depths for calibration from cladding, 21.25", 26.75" and 32.25"
	2-RPV-7442	VESSEL TO FLANGE	UT-12	Accept	Examination performed by AREVA qualified personnel	SDH's 1/4T, 1/2T, 3/4T unavailable from clad side of block 109-SAM. Used SDH's at the following depths for calibration from cladding, 21.25", 26.75" and 32.25"
	2-RPV-7442	VESSEL TO FLANGE	UT-2	Accept	Examination performed by AREVA qualified personnel	SDH's 1/4T, 1/2T, 3/4T unavailable from clad side of block 109-SAM. Used SDH's at the following depths for calibration from cladding, 21.25", 26.75" and 32.25"
004600	29-RC-1230-1	NOZZLE TO SAFE-END	UT-0	Accept	Examination performed by AREVA qualified personnel	Thickness & Contorour's readings taken on nozzle to safe-end weld.
004602	29-RC-1230-1-BMV	NOZZLE TO SAFE-END	VT-2	Accept	Examination performed by AREVA qualified personnel	BMV Inspection performed as Per. MRP-139 looking for evidence of leakage.
004610	29-RC-1240-1	NOZZLE TO SAFE-END	UT-0	Accept	Examination performed by AREVA qualified personnel	Thickness & Contorour's readings taken on nozzle to safe-end weld.
004612	29-RC-1240-1-BMV	NOZZLE TO SAFE-END	VT-2	Accept	Examination performed by AREVA qualified personnel	BMV Inspection performed as Per. MRP-139 looking for evidence of leakage.
004620	29-RC-1220-1	NOZZLE TO SAFE-END	UT-0	Accept	Examination performed by AREVA qualified personnel	Thickness & Contorour's readings taken on nozzle to safe-end weld.
004622	29-RC-1220-1-BMV	NOZZLE TO SAFE-END	VT-2	Accept	Examination performed by AREVA qualified personnel	BMV Inspection performed as Per. MRP-139 looking for evidence of leakage.
004630	29-RC-1210-1	NOZZLE TO SAFE-END	UT-0	Accept	Examination performed by AREVA qualified personnel	Thickness & Contorour's readings taken on nozzle to safe-end weld.
004632	29-RC-1210-1-BMV	NOZZLE TO SAFE-END	VT-2	Accept	Examination performed by AREVA qualified personnel	BMV Inspection performed as Per. MRP-139 looking for evidence of leakage.
004640	27.5-RC-1230-5	NOZZLE TO SAFE-END	UT-0	Accept	Examination performed by AREVA qualified personnel	Thickness & Contorour's readings taken on nozzle to safe-end weld.
004642	27.5-RC-1230-5-BMV	NOZZLE TO SAFE-END	VT-2	Accept	Examination performed by AREVA qualified personnel	BMV Inspection performed as Per. MRP-139 looking for evidence of leakage.
004650	27.5-RC-1240-5	NOZZLE TO SAFE-END	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam performed during class 1 walkdown
	27.5-RC-1240-5	NOZZLE TO SAFE-END	UT-0	Accept	Examination performed by AREVA qualified personnel	Thickness & Contorour's readings taken on nozzle to safe-end weld.
004652	27.5-RC-1240-5-BMV	NOZZLE TO SAFE-END	VT-2	Accept	Examination performed by AREVA qualified personnel	BMV Inspection performed as Per. MRP-139 looking for evidence of leakage.
004660	27.5-RC-1220-5	NOZZLE TO SAFE-END	UT-0	Accept	Exam. Performed by certified Team Industrial Personnel.	Thickness & Contorour's readings taken on nozzle to safe-end weld.
	27.5-RC-1220-5	NOZZLE TO SAFE-END	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam performed during class 1 walkdown
004662	27.5-RC-1220-5-BMV	NOZZLE TO SAFE-END	VT-2	Accept	Exam. Performed by certified Team Industrial Personnel.	BMV Inspection performed as Per. MRP-139 looking for evidence of leakage.
004670	27.5-RC-1210-5	NOZZLE TO SAFE-END	UT-0	Accept	Exam. Performed by certified Team Industrial Personnel.	Thickness & Contorour's readings taken on nozzle to safe-end weld.
	27.5-RC-1210-5	NOZZLE TO SAFE-END	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam performed during class 1 walkdown

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
004672	27.5-RC-1210-5-BMV	NOZZLE TO SAFE-END	VT-2	Accept	Exam. Performed by certified Team Industrial Personnel.	BMV Inspection performed as Per. MRP-139 looking for evidence of leakage.
004900	2-RPVCH-NUTS 1-54	CLOSURE NUTS	VT-1	Accept	Examination performed by AREVA qualified personnel	VT-1 Exam performed on nuts # 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17 and18
	2-RPVCH-NUTS 1-54	CLOSURE NUTS	VT-1	Accept	Exam Performed by certified Team Industrial Personnel	VT-1 Exam performed on nuts # 101, 102, 103, 304, 105 and 106
005000	2-RPV-LIG 1-54	THREADS-IN-FLANGE (LIGAMENTS)	UT-0	Accept	Examination performed by AREVA qualified personnel	Exam performed in ligaments #1 thru 20. Scanned diameter of ligaments plus 1"
005100	2-RPVCH-WASHERS 1-54	CLOSURE WASHERS	VT-1	Accept	Exam Performed by certified Team Industrial Personnel	VT-1 Exam performed on Washers #1, 2, 3, 4, 5, and 6
	2-RPVCH-WASHERS 1-54	CLOSURE WASHERS	VT-1	Accept	Examination performed by AREVA qualified personnel	VT-1 Exam performed on Washers # 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17 and 18
011200	4-PRN-1200-IRS	RELIEF NOZZLE	UT-70°	Accept	Examination performed by AREVA qualified personnel	Scanned in accordance with EPRI model. Maintained 10% to 20% ID clad roll. Combined coverage 93.5%.
	4-PRN-1200-IRS	RELIEF NOZZLE	UT-70°	Accept	Examination performed by AREVA qualified personnel	Scanned in accordance with EPRI model. Maintained 10% to 20% ID clad roll. Combined coverage 93.5%.
	4-PRN-1200-IRS	RELIEF NOZZLE	UT-60	Accept	Examination performed by AREVA qualified personnel	examination limited due to insulation bracket. Scanned in accordance with EPRI model. Combined coverage 93.5%.
	4-PRN-1200-IRS	RELIEF NOZZLE	UT-70°	Accept	Examination performed by AREVA qualified personnel	Examination limited due to insulation bracket. Scanneed in accordance with EPRI model. Combined coverage 93.5%.
011500	6-PRN-1205-IRS	RELIEF NOZZLE	UT-60	Accept	Examination performed by AREVA qualified personnel	Examination limited due to insulation brackets. Scanned in accordance with EPRI model. Combintion coverage 92.5%.
	6-PRN-1205-IRS	RELIEF NOZZLE	UT-70	Accept	Examination performed by AREVA qualified personnel	Examination limited due to insultion bracket. Scanned in accordance with EPRI model. Combination coverage 92.5%.
	6-PRN-1205-IRS	RELIEF NOZZLE	UT-45	Accept	Examination performed by AREVA qualified personnel	Scanned in accordance with EPRI model. Maintained 10% to 20% ID clad roll throughout examination. Combined coverage 92.5%.
	6-PRN-1205-IRS	RELIEF NOZZLE	UT-45	Accept	Examination performed by AREVA qualified personnel	Scanned in accordance with EPRI model. Maintained 10% to 20% ID clad roll throughout examination. Combined coverage 92.5%.
011810	6-PR-1204-1	NOZZLE TO SAFE-END	VT-2	Accept	Exam Performed by certified PSEG personnel.	Exam performed during class 1 walkdown.
011820	6-PR-1203-1	NOZZLE TO SAFE-END	VT-2	Accept	Exam Performed by certified PSEG personnel.	Exam performed during class 1 walkdown.
011830	4-PR-1200-1	NOZZLE TO SAFE-END	VT-2	Accept	Exam Performed by certified PSEG personnel.	Exam performed during class 1 walkdown.
011851	4-PS-1231-33	NOZZLE TO SAFE-END	VT-2	Accept	Exam Performed by certified PSEG personnel.	Exam performed during class 1 walkdown.
012500	2-PZR-MB 1-16	MANWAY BOLTS	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to Code Case N-533-1
012510	HTR. PENETRATIONS (SPT)	PARTIAL PENETRATION WELDS IN HEATER PEN.	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Examination Performed to detect leakage from Pressurizer heater sleeves as Per. Westinghouse Advisory Letter NSAL - 06 - 8 Rev. 1
012520	PZR Inst. Penetrations	Instrument Nozzles (4) Top - (4) Bottom	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
020300	22-STG-LHTS	LOWER HEAD TO TUBE SHEET	UT-60	Accept	Examination performed by AREVA qualified personnel	ID notch at 80% at 7.0 screen divisions at 55.7 db. Same coverage obtained as to previous data.
	22-STG-LHTS	LOWER HEAD TO TUBE SHEET	UT-45	Accept	Examination performed by AREVA qualified personnel	Obtained same coverage as previous exmination. 49.7 db required to resolve ID Notch @ 80% ID Notch at 7.9 screen divsions.
	22-STG-LHTS	LOWER HEAD TO TUBE SHEET	UT-0	Accept	Examination performed by AREVA qualified personnel	Scanned WRV only. Lamination scan performed previously. Obtained same coverage as previous examinaiton.
022800	24-STG-OMB	OUTLET MANWAY BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
	24-STG-OMB	OUTLET MANWAY BOLTING	VT-1	Accept	Exam Performed by certified PSEG personnel.	VT-1 exam performed on bolting in-place and under tension
022900	23-STG-OMB	OUTLET MANWAY BOLTING	VT-1	Accept	Exam Performed by certified PSEG personnel.	VT-1 exam performed on bolting in-place and under tension
	23-STG-OMB	OUTLET MANWAY BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
023000	22-STG-OMB	OUTLET MANWAY BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
023100	21-STG-OMB	OUTLET MANWAY BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
	21-STG-OMB	OUTLET MANWAY BOLTING	VT-1	Accept	Exam Performed by certified PSEG personnel.	VT-1 exam performed on bolting in-place and under tension
023200	24-STG-IMB	INLET MANWAY BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
	24-STG-IMB	INLET MANWAY BOLTING	VT-1	Accept	Exam Performed by certified PSEG personnel.	VT-1 exam performed on bolting in-place and under tension
023300	23-STG-IMB	INLET MANWAY BOLTING	VT-1	Accept	Exam Performed by certified PSEG personnel.	VT-1 exam performed on bolting in-place and under tension
	23-STG-IMB	INLET MANWAY BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to Code Case N-533-1
023400	22-STG-IMB	INLET MANWAY BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to Code Case N-533-1
023500	21-STG-IMB	INLET MANWAY BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to Code Case N-533-1
	21-STG-IMB	INLET MANWAY BOLTING	VT-1	Accept	Exam Performed by certified PSEG personnel.	VT-1 exam performed on bolting in-place and under tension
050455	6-PR-1205-5PS-1&2	INTEGRAL ATTACHMENT	PT	Accept	Examination performed by AREVA qualified personnel	Variable support lug elbow weld.
050600	6-PR-1205-6	ELBOW TO PIPE	UT-45	Accept	Examination performed by AREVA qualified personnel	None
	6-PR-1205-6	ELBOW TO PIPE	UT-60	Accept	Examination performed by AREVA qualified personnel	None

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
051100	6-PR-1205-10FB	FLANGE BOLTING (2PR5)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to Code Case N-533-1
052300	6-PR-1204-10FB	FLANGE BOLTING (2PR4)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to Code Case N-533-1
053700	6-PR-1203-10FB	FLANGE BOLTING (2PR3)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to Code Case N533-1
080010	24 HOT LEG Thermal Welds	#24 HOT LEG Thermal Welds	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
081210	23 HOT LEG Thermal Welds	#23 HOT LEG Thermal Welds	VT-2	Accept	Exam. performed by certified PSEGPersonnel	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
082210	22 HOT LEG Thermal Welds	#22 HOT LEG Thermal Welds	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
083310	21 HOT LEG Thermal Welds	#21 HOT LEG Thermal Welds	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
083410	24 COLD LEG Thermal Welds	#24 COLD LEG Thermal Welds	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
084410	23 COLD LEG Thermal Welds	#23 COLD LEG Thermal Welds	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
085610	22 COLD LEG Thermal Welds	#22 COLD LEG Thermal Welds	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
086510	21 COLD LEG Thermal Welds	#21 COLD LEG Thermal Welds	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
161200	10-SJ-1241-14	TEE TO PIPE	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD examinaion performed from downstream side only, due to cast tee confiuration.
	10-SJ-1241-14	TEE TO PIPE	UT-60	Accept	Examination performed by AREVA qualified personnel	NCD Examination performed from downstream side only, due to cast configuation.
	10-SJ-1241-14	TEE TO PIPE	UT-60	Accept	Examination performed by AREVA qualified personnel	NCD Examination performed from downstream side only, due to cast tee configuration.
164900	10-SJ-1211-15	TEE TO PIPE	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Examinatiion performed from downstream side only, due to cast tee configuration.
	10-SJ-1211-15	TEE TO PIPE	UT-60	Accept	Examination performed by AREVA qualified personnel	NCD Examinatiion performed from downstream side only, due cast tee configuration.
	10-SJ-1211-15	TEE TO PIPE	UT-60	Accept	Examination performed by AREVA qualified personnel	NCD Examination performed from downstream side only, due to cast tee configuration.
165100	10-SJ-1211-18	ELBOW TO PIPE	UT-60	Accept	Examination performed by AREVA qualified personnel	None
	10-SJ-1211-18	ELBOW TO PIPE	UT-45	Accept	Examination performed by AREVA qualified personnel	None
	10-SJ-1211-18	ELBOW TO PIPE	UT-60	Accept	Examination performed by AREVA qualified personnel	None
	10-SJ-1211-19	PIPE TO ELBOW	UT-60	Accept	Examination performed by AREVA qualified personnel	None

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
165200	10-SJ-1211-19	PIPE TO ELBOW	UT-45	Accept	Examination performed by AREVA qualified personnel	None
	10-SJ-1211-19	PIPE TO ELBOW	UT-60	Accept	Examination performed by AREVA qualified personnel	None
165250	10-SJ-1211-20	ELBOW TO PIPE	UT-60	Accept	Examination performed by AREVA qualified personnel	None
	10-SJ-1211-20	ELBOW TO PIPE	UT-60	Accept	Examination performed by AREVA qualified personnel	None
	10-SJ-1211-20	ELBOW TO PIPE	UT-45	Accept	Examination performed by AREVA qualified personnel	None
183550	3-SJ-1292-15	PIPE TO PIPE	PT	Accept	Exam. Performed by certified Team Industrial Personnel.	This component subject to external chloride stress corrosion cracking (ECSCC) Exam performed on weld #15 and 2 1/2 Dia. Which starts at containment penetration #42 andcontinues downstream 7 1/2"
183700	3-SJ-1292-16	PIPE TO VALVE 2SJ150	PT	Accept	Exam. Performed by certified Team Industrial Personnel.	This component subject to external chloride stress corrosion cracking (ECSCC) Exam performed on weld #16 and 2 1/2 Dia. Which starts at valev 2SJ150 and proceeds upstream 7 1/2".
184200	2-SJ-1249-2FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG Personnel	VT-2 Exam.Performed to Code Case N-533-1
186700	2-SJ-1247-4FB	FLANGE BOLTING (NEAR, 24SJ138)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
188000	2-SJ-1239-2FB	FLANGE BOLTING (NEAR, 23SJ143)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
189800	2-SJ-1237-7FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
191000	2-SJ-1229-2FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
193350	2-SJ-1228-2FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
196400	2-SJ-1219-1	TEE TO PIPE	VT-2	Accept	Exam Performed by certified PSEG personnel.	Exam performed during class 1 walkdown.
196450	2-SJ-1219-2	PIPE TO FLANGE	VT-2	Accept	Exam Performed by certified PSEG personnel.	Exam performed during class 1 walkdown.
196500	2-SJ-1219-2FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
198350	2-SJ-1218-5FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
200300	1.5-SJ-1242-6	PIPE TO ELBOW	VT-2	Accept	Exam Performed by certified PSEG personnel.	Exam performed during class 1 walkdown.
200350	1.5-SJ-1242-7	ELBOW TO PIPE	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
200400	1.5-SJ-1242-8	PIPE TO FLANGE	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
200450	1.5-SJ-1242-8FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
200500	1.5-SJ-1242-9	FLANGE TO PIPE	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
200550	1.5-SJ-1242-10	PIPE TO VALVE 24SJ388	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
202700	1.5-SJ-1232-10FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
203770	2C-23-SIH-875	VAR.SUPPORT,TYP.A,SZ 1,CL- 107,HL- 102	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed. Hanger Satisfactory for Continued Operation
204700	1.5-SJ-1222-13FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
206950	1.5-SJ-1212-8FB	FLANGE BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
250100	24-PMP-BOLTS 1-24	BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
250200	23-PMP-BOLTS 1-24	BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
250300	22-PMP-BOLTS 1-24	BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
250400	21-PMP-BOLTS 1-24	BOLTING	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
251805	#21 RCP SHAFT	#21 Reactor Coolant Pump Shaft	UT-0	Accept	Exam Performed by certified Wesdyne personnel.	UT Exam performed on #21 RCP Shaft ID # 979-933D303
255050	2CV2 BOLTING	ON LINE 3-CV-1243	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255100	2CV277 BOLTING	ON LINE 3-CV-1243 (FIG. A-10)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255150	2CV79 BOLTING	ON LINE 3-CV-1241 (FIG. A-12)	VT-2	Accept	Exam. Performed by certified PSEG Personnel	VT-2 Exam.Performed to Code Case N-533-1
255200	2CV275 BOLTING	ON LINE 3-CV-1241 (FIG. A-12)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255250	2CV80 BOLTING	ON LINE 3-CV-1241 (FIG. A-12)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255300	2CV77 BOLTING	ON LINE 3-CV-1231 (FIG. A-13)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255350	2CV274 BOLTING	ON LINE 3-CV-1231 (FIG. A-13)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255400	2CV78 BOLTING	ON LINE 3-CV-1231 (FIG. A-13)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255450	2CV75 BOLTING	ON LINE 2-CV-1275 (FIG. A-15 SHT 1)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255550	2PR5 BOLTING	ON LINE 6-PR-1205 (FIG. A-17)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255600	2PR4 BOLTING	ON LINE 6-PR-1204 (FIG. A-18)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255650	2PR3 BOLTING	ON LINE 6-PR-1203 (FIG. A-19)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255675	2PR7 BOLTING	ON LINE 3-PR-1207 (FIG. A-20)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255700	2PR2 BOLTING	ON LINE 3-PR-1207 (FIG. A-20)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255725	2PR6 BOLTING	ON LINE 3-PR-1206 (FIG. A-24)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255750	2PR1 BOLTING	ON LINE 3-PR-1206 (FIG. A-24)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255800	2PS28 BOLTING	ON LINE 4-PS-1231 (FIG. A-26 SHT 2)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255850	2PS3 BOLTING	ON LINE 4-PS-1231 (FIG. A-26 SHT 2)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
255900	2PS29 BOLTING	ON LINE 4-PS-1231 (FIG. A-26 SHT 3)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255950	2PS24 BOLTING	ON LINE 4-PS-1211 (FIG. A-28)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
255975	2PS1 BOLTING	ON LINE 4-PS-1211 (FIG. A-28)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
256000	2PS25 BOLTING	ON LINE 4-PS-1211 (FIG. A-28)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
257850	2RH1 BOLTING	ON LINE 14-RH-1211 (FIG. A-61)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
257900	2RH2 BOLTING	ON LINE 14-RH-1211 (FIG. A-61)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
257950	2RH26 BOLTING	ON LINE 12-RH-1251 (FIG. A-62)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258000	24SJ54 BOLTING	ON LINE 10-SJ-1241 (FIG. A-63)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258050	24SJ55 BOLTING	ON LINE 10-SJ-1241 (FIG. A-63)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258100	24SJ56 BOLTING	ON LINE 10-SJ-1241 (FIG. A-63)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258150	23SJ54 BOLTING	ON LINE 10-SJ-1231 (FIG. A-64)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258200	23SJ55 BOLTING	ON LINE 10-SJ-1231 (FIG. A-64)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258250	23SJ56 BOLTING	ON LINE 10-SJ-1231 (FIG. A-64)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
	23SJ56 BOLTING	ON LINE 10-SJ-1231 (FIG. A-64)	VT-1	Accept	Exam Performed by certified PSEG personnel.	VT-1 exam performed on bolting in-place and under tension
258300	22SJ54 BOLTING	ON LINE 10-SJ-1221 (FIG. A-65)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258350	22SJ55 BOLTING	ON LINE 10-SJ-1221 (FIG. A-65)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258400	22SJ56 BOLTING	ON LINE 10-SJ-1221 (FIG. A-65)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258450	21SJ54 BOLTING	ON LINE 10-SJ-1211 (FIG. A-66)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258500	21SJ55 BOLTING	ON LINE 10-SJ-1211 (FIG. A-66)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258550	21SJ56 BOLTING	ON LINE 10-SJ-1211 (FIG. A-66)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258600	22SJ49 BOLTING	ON LINE 8-SJ-1262 (FIG. A-67 SHT 1)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
258650	21SJ49 BOLTING	ON LINE 8-SJ-1252 (FIG. A-69 SHT 1)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258700	24RH27 BOLTING	ON LINE 8-SJ-1245 (FIG. A-71)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258750	23RH27 BOLTING	ON LINE 8-RH-1235 (FIG. A-62)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
258800	24SJ43 BOLTING	ON LINE 6-SJ-1242 (FIG. A-73)	VT-1	Accept	Exam Performed by certified PSEG personnel.	VT-1 exam performed on bolting in-place and under tension
	24SJ43 BOLTING	ON LINE 6-SJ-1242 (FIG. A-73)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258850	24SJ156 BOLTING	ON LINE 6-SJ-1241 (FIG. A-74)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258900	23SJ43 BOLTING	ON LINE 6-SJ-1232 (FIG. A-76)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
258950	23SJ156 BOLTING	ON LINE 6-RH-1231 (FIG. A-77)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259000	22SJ43 BOLTING	ON LINE 6-SJ-1222 (FIG. A-79)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259050	22SJ156 BOLTING	ON LINE 6-SJ-1221 (FIG. A-80)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259100	21SJ43 BOLTING	ON LINE 6-SJ-1212 (FIG. A-81)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259150	21SJ156 BOLTING	ON LINE 6-SJ-1211 (FIG. A-99)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259200	2SJ13 BOLTING	ON LINE 4-SJ-1295 (FIG. A-84)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259250	2SJ135 BOLTING	ON LINE 4-SJ-1294 (FIG. A-85)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259300	2SJ12 BOLTING	ON LINE 4-SJ-1293 (FIG. A-84)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259350	22SJ40 BOLTING	ON LINE 4-SJ-1282 (FIG. A-86)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259400	21SJ40 BOLTING	ON LINE 4-SJ-1272 (FIG. A-87)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259450	2SJ150 BOLTING	ON LINE 3-SJ-1292 (FIG. A-84)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259500	21SJ388 BOLTING	ON LINE 1.5-SJ-1212 (FIG. A-107)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259550	22SJ388 BOLTING	ON LINE 1.5-SJ-1222 (FIG. A-105)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259600	23SJ388 BOLTING	ON LINE 1.5-SJ-1232 (FIG. A-103)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
259650	24SJ388 BOLTING	ON LINE 1.5-SJ-1242 (FIG. A-101)	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam.Performed to Code Case N-533-1
330220	14-BF-2241-12R1	PIPE TO ELBOW	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Thickness and contour taken from previous data.
330230	14-BF-2241-13R1	ELBOW TO REDUCER	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Thickness and contour taken from previous data.

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
330260	16-BF-2241-1R2	REDUCER TO NOZZLE	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Thickness and contour taken from previous data.
330515	14-BF-2231-15PL-11 THRU 18	2-FWH-23-24	MT	Accept	Examination performed by AREVA qualified personnel	None
381070	34-MS-2241-242PL	PIPE LUG 242	MT	Accept	Exam. Performed by certified Team Industrial Personnel.	None
385680	2-MSAA-130	ANCHOR	VT-3	Accept	Exam Performed by certified PSEG personnel.	None
502895	8-RH-2226-9PL-1&2	PIPE LUG	PT	Accept	Examination performed by AREVA qualified personnel	Due to clamp configurtaiion 0.5" of base material and end of near side and far side welds were not examined on clamp end. Lugs were welded on three sides. Drawing# 222846-04207-1, sheet 24 of 43.
502897	2-RHRH-22-9	HANGER	VT-3	Accept	Exam Performed by certified PSEG personnel.	None
503695	8-RH-2216-39PS 1-4	PIPE SUPPORT INTEGRAL ATTACHMENT	PT	Accept	Examination performed by AREVA qualified personnel	None
572035	12-RH-2269-3PL-1&2	PIPE LUG	PT	Accept	Examination performed by AREVA qualified personnel	Due to clamp configuration, 0.5" of base material and end of each weld were not examined on clamp end. Lugs were welded only on near side and far side. See Drawing #222846-0-4207
572037	2-RHRH-21-4	VAR.SUPPORT,TYP.A,S Z13,CL- 3191,HL- 2875	VT-3	Accept	Exam Performed by certified PSEG personnel.	None
709720	2-CV-2214-10	PIPE TO TEE	PT	Accept	Exam. Performed by certified Team Industrial Personnel.	This component subject to external chloride stress corrosion cracking (ECSCC) Exam performed on weld #10 and 2 1/2 Dia. (5") Upstream.
715260	10-SW-2273-2	PIPE TO ELBOW	UT-0	Accept	Examination performed by AREVA qualified personnel	Performed lamination scan on base material only. NCD Summary #715260 and 715325 were scanned in parallel.
	10-SW-2273-2	PIPE TO ELBOW	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Summary #715260 and #715325 were scanned in parallel.
	10-SW-2273-2	PIPE TO ELBOW	UT-70	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715260 and 715325 were scanned in parallel.
715320	10-SW-2275-2	ELBOW TO PIPE	UT-45	Accept	Examination performed by AREVA qualified personnel	None
	10-SW-2275-2	ELBOW TO PIPE	UT-0	Accept	Examination performed by AREVA qualified personnel	Performed lamination scan on base material only. NCD
	10-SW-2275-2	ELBOW TO PIPE	UT-70	Accept	Examination performed by AREVA qualified personnel	None
715325	10-SW-2275-3	PIPE TO ELBOW	UT-70	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715325 and 715260 were scanned in parallel.
	10-SW-2275-3	PIPE TO ELBOW	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715325 and 715260 were scanned in parallel.
	10-SW-2275-3	PIPE TO ELBOW	UT-0	Accept	Examination performed by AREVA qualified personnel	Performed lamination scan on base material only. NCD Summary# 715325 and 715260 were scanned in parallel.

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
715370	10-SW-2276-5	ELBOW TO PIPE	UT-0	Accept	Examination performed by AREVA qualified personnel	Performed a lamination scan on base material only. NCD Summary# 715370 and 715395 were scanned in parallel.
	10-SW-2276-5	ELBOW TO PIPE	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715370 and 715395 were scanned in parllel.
	10-SW-2276-5	ELBOW TO PIPE	UT-70	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715370 and 715395 were scanned in parallel.
715375	10-SW-2276-6	PIPE TO ELBOW	UT-0	Accept	Examination performed by AREVA qualified personnel	Performed a lamination scan on base material only. NCD Summary# 715375 and 715390 were scanned in parallel.
	10-SW-2276-6	PIPE TO ELBOW	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715375 and 715390 were scanned in parallel.
	10-SW-2276-6	PIPE TO ELBOW	UT-70	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715375 and 715390 were scanned in parallel.
715390	10-SW-2277-2	ELBOW TO PIPE	UT-0	Accept	Examination performed by AREVA qualified personnel	Performed lamination scan on base material only. NCD Summary# 715390 and 715375 were scanned in parrallel.
	10-SW-2277-2	ELBOW TO PIPE	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715390 and 715375 were scanned in parallel.
	10-SW-2277-2	ELBOW TO PIPE	UT-70	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715390 and 715375 were scanned in parallel.
715395	10-SW-2277-3	PIPE TO ELBOW	UT-45	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715395 and 715370 were scanned in parallel.
	10-SW-2277-3	PIPE TO ELBOW	UT-70	Accept	Examination performed by AREVA qualified personnel	NCD Summary# 715395 and 715370 were scanned in parallel.
	10-SW-2277-3	PIPE TO ELBOW	UT-0	Accept	Examination performed by AREVA qualified personnel	Performed lamnation scan on base material only. NCD Summary# 715395 and 715370 were scanned in parallel.
721250	2A-CCA-462	ANCHOR	VT-3	Accept	Exam Performed by certified PSEG personnel.	Hanger is located in waste evap room accessed from outside. Need security and key.
734262	2SJE6	NO.21 Accumulator Instrumentation Nozzels Penetrations	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
734263	2SJE7	NO.22 Accumulator Instrumentation Nozzels Penetrations	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
734264	2SJE8	NO.23 Accumulator Instrumentation Nozzels Penetrations	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
734265	2SJE9	NO.24 Accumulator Instrumentation Nozzels Penetrations	VT-2	Accept	Exam Performed by certified PSEG personnel.	VT-2 Exam Performed to detect leakage in dissimilar metal welds.
981000	IVVI-100	UPPER INTERNALS TO LOWER INTERNALS KEYS	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
932000	IVVI-200	RPV STUD AREA	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
932100	IVVI-202	CORE BARREL-TO-FLG MATING SURFACES	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
932150	IVVI-203	VESSEL HEAD ALIGNING KEYS (PINS)	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
932250	IVVI-205	IRRADIATION SPECIMEN PLUGS (FLG AREA)	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
933000	IVVI-300	BAFFLE PANEL BOLTS	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
933050	IVVI-301	DEBRIS SCAN ON CORE BARREL DISTR. PLATE	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
933100	IVVI-302	CIRC WELD ABOVE CORE BARREL SHROUD	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
933250	IVVI-305	TOP OF FORMERS (0 TO 360 DEG.) PLAN VIEW	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
933300	IVVI-306	INSIDE CORE BARREL TOP FLG-TO-SHELL WELD	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
933400	IVVI-308	LOWER CORE PLATE (DISTR. PLATE) FORGING	VT-3	Accept	Exam Performed by certified PSEG personnel.	VT-3 Exam performed with remote camera inside Reactor Vessel.
950000	SPT-2-RC-001	ALL CLASS 1 SYSTEMS	VT-2	Accept	Exam Performed by certified PSEG personnel.	Class 1 walkdown performed by VT certified inspectors David Mora, Michael Hicks, Pete Durant, Tony Oliveri, Heather Malikowski, Walt Wikoff, and William Kiddel.
950150	SPT-2-AF-003	(AF) AUXILIARY FEED WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
950225	SPT-2-BF-001	(BF) BOILER FEED SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
950250	SPT-2-CA-001	(CA) CONTROL AIR	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
950350	SPT-2-CC-002	(CC) COMPONENT COOLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
950450	SPT-2-CC-004	(CC) COMPONENT COOLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
950550	SPT-2-CH-001	(CH) CHILLED WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
950600	SPT-2-CH-002	(CH) CHILLED WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
950650	SPT-2-CS-001	(CS) CONTAINMENT SPRAY SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	2CS16 has a drip bag installed under it, but no active leakage has been detected.
950850	SPT-2-CV-001	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Notification 20276363 for Flg. on N. side of 2CVEI. 20269831 written for 2CVE4 seal leak when pump I/S Notf# 20276365
950900	SPT-2-CV-002	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
950950	SPT-2-CV-003	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
951000	SPT-2-CV-004	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Performed by certified PSEG personnel.
951050	SPT-2-CV-005	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
951100	SPT-2-CV-006	(CVC) CHEMICAL VOLUME CONTROL SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Notif# 20276340 for 2C299, dry boric acid from packing. Notif# 20276361 for 2CV54, wet active boric acid from packing.
951250	SPT-2-GB-001	(GB) GENERATOR BLOWDOWN SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
951300	SPT-2-MS-001	(MS) MAIN STEAM SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Rad. Monitoring enclosure pation completed proir to 2R15.
951350	SPT-2-MS-002	(MS) MAIN STEAM SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Performed in-conjuction with 23AFP run.
951400	SPT-2-RC-003	(RC) REACTOR COOLANT SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
951500	SPT-2-RC-005	(RC) REACTOR COOLANT SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
951550	SPT-2-RH-001	(RH) RESIDUAL HEAT REMOVAL SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	21RH19 has wet boric acid from packing, not a system pressure test failure, condition documented under Notf.#20263549.
952200	SPT-2-SJ-009	(SJ) SAFETY INJECTION SYSTEM	VT-2	Accept	Exam. Performed by certified Team Industrial Personnel.	None
952250	SPT-2-SS-001	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
952300	SPT-2-SS-002	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
952450	SPT-2-SS-005	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
952500	SPT-2-SS-006	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
952550	SPT-2-SS-007	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
952600	SPT-2-SS-008	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953300	SPT-2-SW-006	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	This is a as-left after repair of a pin-hole leak. Results satisfactory for continues operration.
	SPT-2-SW-006	(SW) SERVICE WATER SYSTEM	VT	Reject	Exam Performed by certified PSEG personnel.	VT-2 Exam noted a pinhole leak thru bottom of discharge nozzle.
953400	SPT-2-SW-008	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953450	SPT-2-SW-009	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953500	SPT-2-SW-010	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953550	SPT-2-SW-011	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953600	SPT-2-SW-012	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953650	SPT-2-SW-013	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953700	SPT-2-SW-014	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953750	SPT-2-SW-015	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953800	SPT-2-SW-016	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953850	SPT-2-SW-017	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
953900	SPT-2-SW-018	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Valve opner during 405p surveillance test on 24CFCU. Held vlv. open for 11 min. prior to exam. Exam area 8' of pipe.
953950	SPT-2-SW-019	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954000	SPT-2-SW-020	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954050	SPT-2-SW-021	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954100	SPT-2-SW-022	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954150	SPT-2-SW-023	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954200	SPT-2-SW-024	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
954250	SPT-2-SW-025	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954300	SPT-2-SW-026	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954350	SPT-2-SW-027	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954400	SPT-2-SW-028	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954450	SPT-2-SW-029	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954500	SPT-2-SW-030	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954550	SPT-2-SW-031	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954600	SPT-2-SW-032	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954650	SPT-2-SW-033	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954655	SPT-2-SW-034	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954660	SPT-2-SW-035	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954665	SPT-2-SW-036	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954670	SPT-2-SW-037	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954675	SPT-2-SW-038	(SW) SERVICE WATER SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954700	SPT-2-VC-001	(VC) CONTAINMENT VENTILATION SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954750	SPT-2-VC-002	(VC) CONTAINMENT VENTILATION SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
954800	SPT-2-VC-003	(VC) CONTAINMENT VENTILATION SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	This is an open-ended system and exempt from system pressure testing. A satisfactory LLRT was performed and structural interrity.
954850	SPT-2-VC-004	(VC) CONTAINMENT VENTILATION SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Open-ended system and exempt from sys. press. test. A walkdown was performed to ensure component interity.
954950	SPT-2-VC-006	(VC) CONTAINMENT VENTILATION SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Open-ended system and exempt from system pressure test. Component structural interrity is satisfactory.
955000	SPT-2-VC-007	(VC) CONTAINMENT VENTILATION SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Open-ended and exemted from SPT. Structural integrity satisfactory.
955050	SPT-2-WG-001	(WG) WASTE GAS SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
955055	SPT-2-WG-002	(WG) WASTE GAS SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Various pressures used. Each tank and compressor has a different pressure. All exams SAT.
955100	SPT-2-WL-001	(WL) WASTE LIQUID SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
955150	SPT-2-WL-002	(WL) WASTE LIQUID SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
955200	SPT-2-WL-003	(WL) WASTE LIQUID SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Line filled from pressure from Reactor collant drain tank. Snooped with no leakage detected.
955250	SPT-2-WL-004	(WL) WASTE LIQUID SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Line is under static pressure and never runs for more than a couple minutes. Verified structual integrity to be Sat.
955300	SPT-2-WL-005	(WL) WASTE LIQUID SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	This is a static line that only sees miminal flow when dumping into the sump line is LRT. tested Sat.
958010	NR-SPT-2-BR-001	(BR) BORON RECOVERY	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958020	NR-SPT-2-CS-001	(CS) CONTAINMENT SPRAY	VT-2	Accept	Exam. Performed by certified Team Industrial Personnel.	None
958030	NR-SPT-2-CS-002	(CS) CONTAINMENT SPRAY	VT-2	Accept	Exam. Performed by certified Team Industrial Personnel.	None
958040	NR-SPT-2-CV-001	(CV) CHEMICAL & VOLUME CONTROL	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958050	NR-SPT-2-CV-002	(CV) CHEMICAL & VOLUME CONTROL	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958060	NR-SPT-2-CV-003	(CV) CHEMICAL & VOLUME CONTROL	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958070	NR-SPT-2-CV-004	(CV) CHEMICAL & VOLUME CONTROL	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958080	NR-SPT-2-CV-005	(CV) CHEMICAL & VOLUME CONTROL	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958090	NR-SPT-2-CV-006	(CV) CHEMICAL & VOLUME CONTROL	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958100	NR-SPT-2-CV-007	(CV) CHEMICAL & VOLUME CONTROL	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958110	NR-SPT-2-RH-001	(RH) REHEAT REMOVAL	VT-2	Accept	Exam Performed by certified PSEG personnel.	21RH19 has wet Boric Acid from packing. Not a NUREG-0578.
958120	NR-SPT-2-RH-002	(RH) REHEAT REMOVAL	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958130	NR-SPT-2-SI-001	(SJ) SAFETY INJECTION	VT-2	Accept	Exam. Performed by certified Team Industrial Personnel.	None
958140	NR-SPT-2-SI-002	(SJ) SAFETY INJECTION	VT-2	Accept	Exam. Performed by certified Team Industrial Personnel.	Dry Boric Acid on 2SJ195
958150	NR-SPT-2-SI-003	(SJ) SAFETY INJECTION	VT-2	Accept	Exam. Performed by certified Team Industrial Personnel.	None

Sum#	Component ID	Description	NDE	Status	Remarks	Comments
958160	NR-SPT-2-SS-001	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958170	NR-SPT-2-SS-002	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	23SS94 has active packing leak.
958180	NR-SPT-2-SS-003	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958190	NR-SPT-2-SS-004	(SS) SAMPLING SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Boric acid on packing of 21SS181. Not an inspectiion failure.
958200	NR-SPT-2-WG-001	#21 WASTE GAS DECAY TANK	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958210	NR-SPT-2-WG-002	#22 WASTE GAS DECAY TANK	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958220	NR-SPT-2-WG-003	#23 WASTE GAS DECAY TANK	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958230	NR-SPT-2-WG-004	#24 WASTE GAS DECAY TANK	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958240	NR-SPT-2-WG-005	WASTE GAS DISCHARGE HEADER	VT-2	Accept	Exam Performed by certified PSEG personnel.	Operatiions ran 21 compressor from 64'el panel snooped for leakage, no leakage detected from pressure retaining components.
958250	NR-SPT-2-WG-006	WASTE GAS COMPRESSORS SUCTION HEADER	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958260	NR-SPT-2-WG-007	#21 & #22 WASTE GAS COMPRESSORS	VT-2	Accept	Exam Performed by certified PSEG personnel.	None
958270	NR-SPT-2-WL-001	(WL) WASTE LIQUID SYSTEM	VT-2	Accept	Exam Performed by certified PSEG personnel.	Boric Acid collections in many locations on 21 waste hold-up tank.

LR-N07-0016
Enclosure 3
Salem Unit 2
RCP Flywheel Inspection Plan and Results

Salem Nuclear Generation Station, Unit 2
ISI Program Long Term Plan
RFO #15 Flywheel Examination Results

11/29/2006

Sum#	Component ID	Description	NDE Method	NDE Type	Status	Comments	Outage Remarks
9000	1S-D003	#21 RCP Motor Flywheel	Surface	MT	Accept	Magnetic Particle examination was done on Salem RCP# 21 Flywheel. Coating Thickness measurement of 0.0040" was the average noted.	Magnetic Particle examination was performed under contract# 1250149 by Areva personnel at their Lynchburg locataion
9000	1S-D003	#21 RCP Motor Flywheel	Volumetric	UT	Accept	Flywheel is 2 pieces bolted together. both plates were scanned from accessible surfaces.	Ultrasonic examination was performed under contract# 1250147 by Areva personnel at their Lynchburg locataion.

LR-N07-0016
Enclosure 4
Salem Unit 2
IWE Examination Plan and Results

Salem Nuclear Generating Station, Unit 2
ISI Program Long Term Plan
RFO #15 IWE Examination Results

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
820000	LNR-S2-QUAD-000A-078	QUADRANT A FROM 78 TO 100	MC	Visual	VT-G	Accept	INSIDE: Containment Liner insulated 78' to 100', Not 20162294 for stainless steel permanent insulation rusting, No recordable findings on visible part of liner	OUTSIDE: Partial coated/noncoated no recordable findings noted
820100	LNR-S2-QUAD-000B-078	QUADRANT B FROM 78 TO 100	MC	Visual	VT-G	Accept	INSIDE: Containment Liner insulated 78' to 100' No recordable findings on visible part of liner	OUTSIDE: N/A
820200	LNR-S2-QUAD-000C-078	QUADRANT C FROM 78 TO 100	MC	Visual	VT-G	Accept	INSIDE: Containment Liner insulated 78' to 100' No recordable findings on visible part of liner	OUTSIDE: N/A
820300	LNR-S2-QUAD-000D-078	QUADRANT D FROM 78 TO 100	MC	Visual	VT-G	Accept	INSIDE: Containment Liner partial insulated 78' to 100', No recordable findings on visible part of liner	OUTSIDE: N/A
820400	LNR-S2-QUAD-000A-100	QUADRANT A FROM 100 TO 130	MC	Visual	VT-G	Accept	INSIDE: Containment Liner insulated 100' up to 110' , channel scaling Flux Thimble area El.113', Not 20162379	OUTSIDE: N/A
820500	LNR-S2-QUAD-000B-100	QUADRANT B FROM 100 TO 130	MC	Visual	VT-G	Accept	INSIDE: Containment Liner insulated 100' up to 110', No recordable findings on visible liner	OUTSIDE: N/A
820600	LNR-S2-QUAD-000C-100	QUADRANT C FROM 100 TO 130	MC	Visual	VT-G	Accept	INSIDE: Containment Liner insulated 100' up to 110', Not 20162378 for stainless steel permanent insulation rusting	OUTSIDE: N/A
820700	LNR-S2-QUAD-000D-100	QUADRANT D FROM 100 TO 130	MC	Visual	VT-G	Accept	INSIDE: Containment Liner insulated 100' up to 110', No recordable findings on visible liner	OUTSIDE: N/A
820800	LNR-S2-QUAD-000A-130	QUADRANT A FROM 130 TO 218	MC	Visual	VT-G	Accept	INSIDE: El.130' to El.160' Behind Fan Coil Units Coating is chipped, light to medium rust(<Grade 7-2), and liner coated surfaces are stained. Not. 20162675	OUTSIDE: N/A
820900	LNR-S2-QUAD-000B-130	QUADRANT B FROM 130 TO 218	MC	Visual	VT-G	Accept	INSIDE: El.130' to El.160' Behind Fan Coil Units Coating is chipped, light to medium rust(<Grade 7-2), and liner coated surfaces are stained. Not. 20162675	OUTSIDE: N/A
821000	LNR-S2-QUAD-000C-130	QUADRANT C FROM 130 TO 218	MC	Visual	VT-G	Accept	INSIDE: El.130' to El.160' Behind Fan Coil Units Coating is chipped, light to medium rust(<Grade 7-2), and liner coated surfaces are stained. Not. 20162675	OUTSIDE: N/A
821100	LNR-S2-QUAD-000D-130	130 TO 218	MC	Visual	VT-G	Accept	Coating is chipped, light to medium rust(<Grade 7-2),	OUTSIDE: N/A
821200	LNR-S2-QUAD-000A-218	QUADRANT A FROM 218 TO 288	MC	Visual	VT-G	Accept	INSIDE: No recordable findings on visible liner	OUTSIDE: N/A
821300	LNR-S2-QUAD-000B-218	QUADRANT B FROM 218 TO 288	MC	Visual	VT-G	Accept	INSIDE: No recordable findings on visible liner	OUTSIDE: N/A
821400	LNR-S2-QUAD-000C-218	QUADRANT C FROM 218 TO 288	MC	Visual	VT-G	Accept	INSIDE: No recordable findings on visible liner	OUTSIDE: N/A

Salem Nuclear Generating Station, Unit 2
ISI Program Long Term Plan
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Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
821500	LNR-S2-QUAD-000D-218	QUADRANT D FROM 218 TO 288	MC	Visual	VT-G	Accept	INSIDE: Above 24 FCU rusting identified channel to liner, Not 20162676	OUTSIDE: N/A
821600	MBR-S2-QUAD-000A-078	QUAD A MOIST BAR 78 EL. 0/90 DEG	MC	Visual	VT-G	Accept	INSIDE: Accessible areas intact	OUTSIDE: N/A
821700	MBR-S2-QUAD-000B-078	QUAD B MOIST BAR 78 EL. 270/0 DEG	MC	Visual	VT-G	Accept	INSIDE: Accessible areas intact	OUTSIDE: N/A
821800	MBR-S2-QUAD-000C-078	QUAD C MOIST BAR 78 EL. 180/270 DE	MC	Visual	VT-G	Accept	INSIDE: Accessible areas intact	OUTSIDE: N/A
821900	MBR-S2-QUAD-000D-078	QUAD D MOIST BAR 78 EL. 90/180 DEG	MC	Visual	VT-G	Accept	INSIDE: Accessible areas intact	OUTSIDE: N/A
822000	PEN-S2-M-01	QUADRANT A MECH PEN AT 108 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: N/A
822100	PEN-S2-M-02	QUADRANT B MECH PEN AT 108 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Partial coated/noncoated no recordable findings noted
822200	PEN-S2-M-03	QUADRANT D MECH PEN AT 108 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Partial coated/noncoated no recordable findings noted
822300	PEN-S2-M-04	QUADRANT C MECH PEN AT 108 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Partial coated/noncoated no recordable findings noted
822400	PEN-S2-M-05	QUADRANT A MECH PEN AT 107 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Partial coated/noncoated no recordable findings noted
822500	PEN-S2-M-06	QUADRANT B MECH PEN AT 96 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Partial coated/noncoated no recordable findings noted
822600	PEN-S2-M-07	QUADRANT D MECH PEN AT 96 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Partial coated/noncoated no recordable findings noted
822700	PEN-S2-M-08	QUADRANT C MECH PEN AT 96 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Partial coated/noncoated no recordable findings noted
822800	PEN-S2-M-09	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
822900	PEN-S2-M-10	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: 5-7 O'clock penetration wall area has efflorescence and degradation of coating not.20161683
823000	PEN-S2-M-11	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: 5-7 O'clock penetration wall area has efflorescence and degradation of coating not.20161683
823100	PEN-S2-M-12	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
823200	PEN-S2-M-13	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
823300	PEN-S2-M-14	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
823400	PEN-S2-M-15	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
823500	PEN-S2-M-16	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Minor rust discoloration, no measurable loss of metal.
823600	PEN-S2-M-17	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
823700	PEN-S2-M-18	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
823800	PEN-S2-M-19	QUADRANT D MECH PEN AT 124 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating is Peeling Not. 20162583	OUTSIDE: Coating < Grade 7-2 (ASTM D 610) Not.20163181
823900	PEN-S2-M-20	QUADRANT D MECH PEN AT 124 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating is Peeling Not. 20162583	OUTSIDE: Coated, no recordable findings noted
824000	PEN-S2-M-21	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
824100	PEN-S2-M-22	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
824200	PEN-S2-M-23	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
824300	PEN-S2-M-24	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
824400	PEN-S2-M-25	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
824500	PEN-S2-M-26	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
824600	PEN-S2-M-27	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
824700	PEN-S2-M-28	QUADRANT A MECH PEN AT 70 EL.	MC	Visual	VT-G	N/A	INSIDE: Inaccessible, Containment Sump	OUTSIDE: Inaccessible, Containment Sump
824800	PEN-S2-M-29	QUADRANT D MECH PEN AT 70 EL.	MC	Visual	VT-G	N/A	INSIDE: Inaccessible, Containment Sump	OUTSIDE: Inaccessible, Containment Sump
824900	PEN-S2-M-30	QUADRANT A MECH PEN AT 50 EL.	MC	Visual	VT-G	N/A	INSIDE: Inaccessible, covered by PEN-S-M-28	OUTSIDE: Inaccessible, SJ44 hatch requires opening
825000	PEN-S2-M-31	QUADRANT D MECH PEN AT 50 EL.	MC	Visual	VT-G	N/A	INSIDE: Inaccessible, covered by PEN-S-M-29	OUTSIDE: Inaccessible, SJ44 hatch requires opening
825100	PEN-S2-M-32	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
825200	PEN-S2-M-33	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
825300	PEN-S2-M-34	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
825400	PEN-S2-M-35	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
825500	PEN-S2-M-36	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
825600	PEN-S2-M-37	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
825700	PEN-S2-M-38	QUADRANT D FUEL TRANS TUBE AT 91 EL.	MC	Visual	VT-G	N/A	INSIDE: Inaccessible, requires removal of Concrete Plug	OUTSIDE: Inaccessible, requires removal of Concrete Plug
825750	PEN-S2-M-38-BLIND FLANGE	QUADRANT D FUEL TRANS TUBE AT 91 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
825800	PEN-S2-M-39	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
825900	PEN-S2-M-40	QUADRANT D MECH PEN AT 124 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating is Peeling Not. 20162583	OUTSIDE: Coated, no recordable findings noted
826000	PEN-S2-M-41	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
826100	PEN-S2-M-42	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
826200	PEN-S2-M-43	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
826300	PEN-S2-M-44	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
826400	PEN-S2-M-45	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
826500	PEN-S2-M-46	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
826600	PEN-S2-M-47	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
826700	PEN-S2-M-48	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
826800	PEN-S2-M-49	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
826900	PEN-S2-M-50	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
827000	PEN-S2-M-51	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, medium rust, notification 20161684
827100	PEN-S2-M-52	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
827200	PEN-S2-M-53	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted

Salem Nuclear Generating Station, Unit 2
ISI Program Long Term Plan
RFO #15 IWE Examination Results

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
827300	PEN-S2-M-54	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
827400	PEN-S2-M-55	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
827500	PEN-S2-M-56	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
827600	PEN-S2-M-57	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
827700	PEN-S2-M-58	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
827800	PEN-S2-M-59	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
827900	PEN-S2-M-60	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by shielding
828000	PEN-S2-M-61	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
828100	PEN-S2-M-62	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, light rust, no recordable findings
828200	PEN-S2-M-63	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
828300	PEN-S2-M-64	QUADRANT D FUEL TRANS TUBE AT 91 EL.	MC	Visual	VT-G	N/A	NWS(not in IWE program)	NWS(Not within scope of IWE)
828400	PEN-S2-M-65	QUADRANT D MECH PEN AT 91 EL.	MC	Visual	VT-G	N/A	NWS(*not in IWE program*)	NWS(*not in IWE program*)
828500	PEN-S2-M-66	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, light rust, no recordable findings
828600	PEN-S2-M-67	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
828700	PEN-S2-M-68	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
828800	PEN-S2-M-69	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
828900	PEN-S2-M-70	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
829000	PEN-S2-M-71	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
829200	PEN-S2-E-01	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by fire shielding
829300	PEN-S2-E-02	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
829400	PEN-S2-E-03	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
829500	PEN-S2-E-04	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
829600	PEN-S2-E-05	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
829700	PEN-S2-E-06	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
829800	PEN-S2-E-07	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Peeling with rust Not. 20162114	OUTSIDE: Inaccessible, Covered by fire shielding
829900	PEN-S2-E-08	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by fire shielding
830000	PEN-S2-E-09	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
830100	PEN-S2-E-10	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
830200	PEN-S2-E-11	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
830300	PEN-S2-E-12	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
830400	PEN-S2-E-13	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
830500	PEN-S2-E-14	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by fire shielding
830600	PEN-S2-E-15	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by fire shielding
830700	PEN-S2-E-16	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
830800	PEN-S2-E-17	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
830900	PEN-S2-E-18	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
831000	PEN-S2-E-19	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
831100	PEN-S2-E-20	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
831200	PEN-S2-E-21	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
831300	PEN-S2-E-22	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
831400	PEN-S2-E-23	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Rust on coupling Not. 20162113	OUTSIDE: Inaccessible, Covered by fire shielding
831500	PEN-S2-E-24	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
831600	PEN-S2-E-25	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
831700	PEN-S2-E-26	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
831800	PEN-S2-E-27	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
831900	PEN-S2-E-28	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
832000	PEN-S2-E-29	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by fire shielding
832100	PEN-S2-E-30	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated/non-coated, non-coated has medium rust not. 20164011
832200	PEN-S2-E-31	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
832300	PEN-S2-E-32	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Rust on coupling Not. 20162113	OUTSIDE: Coated, no recordable findings noted
832400	PEN-S2-E-33	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
832500	PEN-S2-E-34	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
832600	PEN-S2-E-35	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
832700	PEN-S2-E-36	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated/non-coated, non-coated has medium rust not. 20164011
832800	PEN-S2-E-37	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by fire shielding

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
832900	PEN-S2-E-38	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
833000	PEN-S2-E-39	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
833100	PEN-S2-E-40	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
833200	PEN-S2-E-41	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by fire shielding
833300	PEN-S2-E-42	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
833400	PEN-S2-E-43	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Rust on coupling Not. 20162113	OUTSIDE: Inaccessible, Covered by fire shielding
833500	PEN-S2-E-44	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
833600	PEN-S2-E-45	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
833700	PEN-S2-E-46	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
833800	PEN-S2-E-47	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Rust on coupling Not. 20162113	OUTSIDE: Coated, no recordable findings noted
833900	PEN-S2-E-48	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
834000	PEN-S2-E-49	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
834100	PEN-S2-E-50	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
834200	PEN-S2-E-51	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
834300	PEN-S2-E-52	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
834400	PEN-S2-E-53	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
834500	PEN-S2-E-54	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: mirror Insulation removed, coated sat,non-coat med. rust not. 20163807
834600	PEN-S2-E-55	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Rust on coupling Not. 20162113	OUTSIDE: mirror Insulation removed, coated sat,non-coat med. rust not. 20163807
834700	PEN-S2-E-56	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
834800	PEN-S2-E-57	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)
834900	PEN-S2-E-58	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: coated/non-coated, 12studs and 24 nuts, no recordable findings
835000	PEN-S2-E-59	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by fire shielding
835100	PEN-S2-E-60	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
835200	PEN-S2-E-61	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
835300	PEN-S2-E-62	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Rust on coupling Not. 20162113	OUTSIDE: Inaccessible, Covered by fire shielding
835400	PEN-S2-E-63	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
835500	PEN-S2-E-64	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Coated, no recordable findings noted
835600	PEN-S2-E-65	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	INSIDE: Coating no recordable findings	OUTSIDE: Inaccessible, Covered by fire shielding
835700	ALK-S2-100-AIRLOCK	QUADRANT D AIRLOCK AT 100 EL.	MC	Visual	VT-3	Accept	INSIDE: Airlock 100' Pre-service VT-3 performed on repaired hinge No recordable issues	N/A
835700	ALK-S2-100-AIRLOCK	QUADRANT D AIRLOCK AT 100 EL.	MC	Visual	VT-G	Accept	INSIDE: Airlock 100' No recordable issues	OUTSIDE: Coated, no recordable findings noted
835800	ALK-S2-130-AIRLOCK	QUADRANT D AIRLOCK AT 130 EL.	MC	Visual	VT-G	Accept	INSIDE: Airlock 130' No recordable issues	OUTSIDE: Minor paint chipping, medium rust, no measurable loss of metal, notification 20164181
835900	HCH-S2-130-EQ.HATCH	QUADRANT C EQUIPMENT HATCH AT 130 EL.	MC	Visual	VT-G	Accept	INSIDE: Equipment Hatch Cover (16) bolting/nuts/washers – coating is chipped off of bolts; Only traces of coating appear on nuts. No rejectable items noted on the inspection of bolting/nuts/washers. Acceptable for continued use. Not.20163296 Equipment	OUTSIDE: N/A

LR-N07-0016
Enclosure 5
Salem Unit 2
Owners Activity Report

SALEM GENERATING STATION UNIT 2 – S2RFO15 OAR REPORT

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number S2RFO15

Owner PSEG Nuclear LLC, PO Box 236, Hancocks Bridge, NJ 08038

Plant Salem Generating Station

Unit No. 2 Commercial Service Date October 31, 1981 Refueling Outage No. 15

Current Inspection Interval Third (3rd); IWE/IWL – First (1st)

Current Inspection Period First (1st); IWE/IWL – Third (3rd)

Edition and Addenda of Section XI Applicable to the inspection plan 1998 Edition 2000 Addenda; IWE and IWL - 1998 Edition, 1998 Addenda; Appendix VIII examinations – 1995 Edition 1996 Addenda as amended by Final Rule

Date and revision of inspection plan 11/2003, Revision 0

Edition & Addenda of Section XI Applicable to repairs and replacements, if different than the inspection plan ASME Class 1, 2 and 3 – 1998 Edition, 2000 Addenda; Class MC – 1992 Edition, 1992 Addenda (Unless specifically identified in the individual repair plan)

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.

Certification of Authorization No. N/A Expiration Date N/A

Signed Heather Malkiewicz, Salem ISI Program Mgr / Allen Thomas Raley III Eng Programs Mgr Date 1/16/2007
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 Province of New Jersey and employed by Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the items described in this Owner's Activity Report, during the period May 12, 2005 to November 1, 2006, 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.

[signature] Commissions NJ 786
Inspector's Signature National Board, State, Province, and Endorsements

Date 01/29/2007

SALEM GENERATING STATION UNIT 2 – S2RFO15 OAR REPORT

TABLE 1 – ABSTRACT OF EXAMINATIONS AND TESTS

Exam Category	Total Examinations Required for the Interval	Total Examinations Credited for the Period	Total Examinations Credited (%) for the Period	Total Examinations Credited (%) To Date for the Interval	Remarks
B-A	21	0	0%	0%	3rd Interval, 1st Period; See Note 1
B-B	8	1	13%	13%	3rd Interval, 1st Period; See Note 5
B-D	30	4	13%	13%	3rd Interval, 1st Period; See Note 2
B-G-1	12	4	0%	0%	3rd Interval, 1st Period; See Note 1
B-G-2	84	35	42%	42%	3rd Interval, 1st Period
B-K	7	2	29%	29%	3rd Interval, 1st Period
B-L-1	4	0	0%	0%	3rd Interval, 1st Period; See Note 1
B-L-2	4	0	0%	0%	3rd Interval, 1st Period; See Note 3
B-M-1	2	2	100%	100%	3rd Interval, 1st Period; See Note 1
B-M-2	30	1	3%	3%	3rd Interval, 1st Period; See Note 3
B-N-1	9	5	56%	56%	3rd Interval, 1st Period
B-N-2	1	0	0%	0%	3rd Interval, 1st Period; See Note 1
B-N-3	16	0	0%	0%	3rd Interval, 1st Period; See Note 1
B-O	1	0	0%	0%	3rd Interval, 1st Period; See Note 1
B-P	6	2	33%	33%	3rd Interval, 1st Period
C-A	21	5	24%	24%	3rd Interval, 1st Period
C-B	6	0	0%	0%	3rd Interval, 1st Period; See Note 6
C-C	38	8	21%	21%	3rd Interval, 1st Period
C-D	2	0	0%	0%	3rd Interval, 1st Period; See Note 7
C-G	2	1	50%	50%	3rd Interval, 1st Period; See Note 8
C-H	153	45	29%	29%	3rd Interval, 1st Period
D-A	37	11	30%	30%	3rd Interval, 1st Period
D-B	174	58	33%	33%	3rd Interval, 1st Period
F-A	269	82	30%	30%	3rd Interval, 1st Period
R-A	147	56	38%	38%	3rd Interval, 1st Period; See Note 4
E-A	480	154	32%	98%	1st Interval, 3rd Period; See Note 9
L-A	372	0	0%	100%	1st Interval, 3rd Period;

Notes:

1) Deferral permissible for: B-A, B-E, B-G-1, B-L-1, B-M-1, B-N-2, B-N-3, B-O
2) Reference Table IWB-2500-1, Exam Category B-D, Program (B) Notes 2 and 5
3) To be examined only if disassembled for maintenance, repair or volumetric exam. Reference Table IWB-2500-1, Exam Category B-L-2, B-M-2, Note 2
4) Risk Informed was implemented in the second interval, third period, replacing ASME categories B-F, B-J, C-F-1, and C-F-2.
5) Reference Table IWB-2500-1, Exam Category B-B, Note 1
6) Reference Table IWC-2500-1, Exam Category C-B, Note 4
7) Reference Table IWC-2500-1, Exam Category C-D, Note 2
8) Reference Table IWC-2500-1, Exam Category C-G, Note 1
9) Inaccessible components will be examined when they become accessible.

SALEM GENERATING STATION UNIT 2 – S2RFO15 OAR REPORT

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

Exam Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
D-B	D2.10	Valve S2SW -22SW468	Non-Planar	No

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

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 Completed	Repair/ Replacement Plan Number
3	Replacement	Valve S2SW -24SW63	Replacement of valve	No	10/30/06	60066003
2	Replacement	Upper hinge stub of airlock of S2CAN-2RCE35	Replacement upper hinge stub	No	10/29/06	60054240
3	Replacement	Flange connection to flow orifice S2SW -2F16056	Replacement of flange bolting	No	08/22/06	60064581
3	Repair	25 service water auto strainer S2SW -2SWE11	Repair of discharge nozzle	No	05/05/06	60062566
3	Replacement	Instrument tubing to valve S2SW - 22SW237	Replacement of tubing	No	12/23/05	60060182
3	Replacement	Instrument tubing to valve S2SW -22SW4	Replacement of tubing	No	12/08/05	60059645
2	Replacement	Standpipe upstream of valve S2SW -24SW5	Replacement of pipe	No	08/23/05	60057022
2	Replacement	Flow transmitter tubing S2RC -2FT415	Replacement of tubing and block valve	No	10/30/06	60065541
2	Replacement	Flow transmitter tubing S2RC -2FT425	Replacement of tubing	No	10/14/06	60065595
3	Replacement	Valve S2SW -22SW468	Replacement of valve	No	10/21/06	60035383