

FEB 25 2004  
LR-N04-0055



United States Nuclear Regulatory Commission  
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**INSERVICE INSPECTION ACTIVITIES – 90 DAY REPORT  
THIRTEENTH REFUELING OUTAGE  
SALEM GENERATING STATION UNIT 2  
DOCKET NO. 50-311  
FACILITY OPERATING LICENSE NO. DPR-75**

This letter submits the ninety (90) day report for Inservice Inspection (ISI) activities conducted at the Salem Generating Station Unit 2 during the thirteenth refueling outage. This report is submitted in accordance with Section 4.0.5 of the Technical Specifications for the Salem Generating Station Unit 2 and Article IWA-6000 of Section XI of the ASME Boiler and Pressure Vessel Code, 1986 Edition, no Addenda.

The enclosures to this letter are as follows:

Enclosure 1	Form OAR-1, Owners Activity Report
Enclosure 2	Salem Generating Station Unit 2 Inservice Inspection Summary for the Second Interval, Third Period, Second Outage, Section XI Summary of Examinations and Tests
Enclosure 3	Salem Generating Station Unit 2 Inservice Inspection Long Term Plan 2R13 Examination Results
Enclosure 4	Table 2 – Items with flaws or relevant conditions that required evaluation for continued service Table 3 – Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service (for period May 16, 2002 to November 27, 2003)
Enclosure 5	Salem Generating Station Unit 2 ISI Long Term Plan Inservice Inspection for the Second Interval
Enclosure 6	Salem Generating Station Unit 2 ISI Long Term Plan Inservice Inspection for the IWE/IWL First Interval
Enclosure 7	Salem Generating Station Unit 2 ISI Long Term Plan 2R13 Flywheel Examination Results

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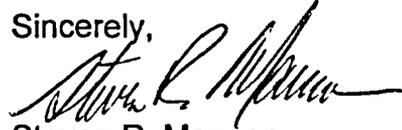
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Should you have any questions regarding this request, please contact Michael G. Mosier at 856-339-1862

Sincerely,



Steven R. Mannon  
Manager – Nuclear Licensing

Enclosures (7)

C Mr. H. Miller  
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**ENCLOSURE 1**  
**FORM OAR-1**  
**OWNERS ACTIVITY REPORT**

S2RFO#13

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: S2RFO#13

Owner: Public Service Electric & Gas Company

Plant: Salem Nuclear Generating Station

Unit No: 2 Commercial Service Date: 10/31/81

Refueling Outage No.: RFO #13

Current inspection interval: Second

Current inspection period: Third

Edition and Addenda of Section XI applicable to the inspection plan: 1986 Edition no Addenda, Appendix VIII exams were performed to the 1995 Edition 1996 Addenda as amended by Final Rule - and IWE/IWL was performed to the 1998 Edition, 1998 Addenda

Date and revision of inspection plan: 12/88 Rev. 1B  
Edition and Addenda of Section XI applicable repairs and replacements, if different than the inspection plan: Class 1, 2, & 3 - 1995 Edition, 1996 Addenda Class MC/CC 1992 Edition / 1992 Addenda.

CERTIFICATE OF CONFORMANCE

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

Certificate of Authorization No: N/A

Expiration Date: N/A

Signed: [Signature] Supervisor IRT/IST Date 1/22/04  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or providence of New Jersey and employed by Hartford Steam Boiler Inspection & Insurance Company of Connecticut have inspected the items described in this Owner's Activity Report, during the period 10/09/03 to 11/27/03, 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 NRQ341E, NS NT786  
Inspector's Signature National Board, State, Province, and Endorsements

Date 02/18/2004

**ENCLOSURE 2**

**SALEM GENERATING STATION UNIT 2  
INSERVICE INSPECTION  
SUMMARY FOR THE  
SECOND INTERVAL, THIRD PERIOD, SECOND OUTAGE  
SECTION XI SUMMARY  
OF  
EXAMINATIONS AND TESTS**

SALEM, UNIT 2  
INSERVICE INSPECTION FINAL SUMMARY REPORT  
2nd INTERVAL / 3rd PERIOD / 2nd OUTAGE

REFUELING OUTAGE 13  
10/09/2003 THROUGH 11/27/2003

VOLUME 1 OF 6  
FINAL REPORT  
WITH APPENDICES

October 2003

Prepared by:

  
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John R. O'Neil 1/23/04  
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Reviewed by:

  
David V. Luetgen (ANII) 02/18/2004  
HSB-CT

Approved by:

  
William P. Treston  
ISI/IST Supervisor

Copies to: DDG (1 COPY, transmitted under W.O.# 50052474)  
ISI (1 COPY, Original)

**SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT****I. SUMMARY REPORT**

During 2R13, PSEG, MQS, and FRA-ANP personnel performed ISI/NDE of selected Class 1, Class 2, Class 3, Class MC, and Class CC components of Salem Unit 2. These examinations constituted the thirteenth (13) (2<sup>nd</sup> Interval 3rd Period, 2nd Outage 2-3-2) refueling outage at Salem Unit 2, marking the end of the Second 10-year Inspection Interval of operation. Completion of refueling outage 2R13 ISI/NDE exams concluded Salem Unit 2 Second Ten Year Inservice Inspection Interval. PSEG properly satisfied ASME XI Code allocation requirements. Allocation tables are contained in Enclosures 5 and 6.

This report is presented in 6 volumes as follows:

- Volume 1 - ISI Salem 2 R13 Summary Report with Appendices A through P.
- Volume 2 - ISI Salem 2 R13 Appendix Q and T Visual Exams and Field Data Reports.
- Volume 3 - ISI Salem 2 R13 System Pressure Test Field Data Reports.
- Volume 4 - ISI Salem 2 R13 RPV Upper and Lower Head Examinations.
- Volume 5 - ISI Salem 2 R13 Boric Acid Corrosion Final Report.
- Volume 6 - ISI Salem 2 R13 Final Report (Framatome).

**A. Applicable Documents**

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

- \* Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (B&PV) Code, "Rules for Inservice Inspection of Nuclear Power Plant Components", 1986 Edition, no Addenda. Appendix VIII exams were conducted in accordance with 1995 Edition, 1996 Addenda, as amended by Final Rule. IWE/IWL exams were performed in accordance with 1998 Edition, 1998 Addenda, as amended by the NRC approved Safety Evaluation Report (SER).
- \* Salem Unit 2 Inservice Inspection Program Long Term Plan, Second Interval, revision 1.
- \* PSEG's Salem Unit 2, ISI RFO EXAM PLAN (2R13, REV. 1), Second Interval, Third Period, Second Outage

## SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT

**B. ISI Section XI Volumetric & Surface Examinations performed by FTI, and MQS**

Framatome-ANP and MQS under the direction of the PSEG ISI Group, conducted seventy-eight (78) manual ultrasonic (UT), thirteen (13) liquid penetrant (PT), four (4) Magnetic Particle (MT) Examinations and one (1) Radiography (RT) examination.

During 2R13, PSEG implemented 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).

Class 1

## Vessels

- Rx Vessel Head
- Pressurizer

## Piping

- Reactor Coolant
- Safety Injection
- Residual Heat Removal
- Chemical and Volume Control
- Pressurizer Relief & Spray

Class 2

## Vessels

- Steam Generator
- Residual Heat Removal Heat Exchanger
- Regenerative Heat Exchanger
- Seal Water Injection Filter

## Piping

- Feed Water
- Main Steam
- Residual Heat Removal
- Chemical and Volume Control

## SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT

**B. ISI Section XI Volumetric & Surface Examinations performed by FTI, and MQS (cont.)**

The following indications were identified during the examinations.

Sum#	Component I.D.	Component Description	Comments
273400	16-BFN-2241-1	Nozzle to Shell	MT Examination noted rejectable indication 8" clockwise from top dead center. Indication was removed by mechanical means and re-examined with exam results being acceptable.
275358	2-RHE-1VS-1&2	Vessel Support	PT Examination noted rejectable indication on weld# 2. Indication was removed by mechanical means and re-examined with exam results being acceptable.
734055	2CVE020-IA	#21 Charging Pump Welded Attachments	PT Examination noted rejectable indication on support lug #1. Indication was repaired by weld repair and re-examined with exam results being acceptable.

There were no other unacceptable exam results identified .

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

There were no IVVI Examinations performed this outage

**D. ISI Section XI Visual Examinations on valves and bolting**

PSEG's ISI Group conducted Three (3) Class 1 bolting exams and no Class 1 valve internal exams.

The following Items were examined:

Flange 2-PZR-MB-1-16 (Sum# 012500) A VT-1 was performed on the Manway Bolting.

Flange 2PS3 Valve (Sum# 255850) A VT-1 was performed on Flange Bolting.

**SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT****D. ISI Section XI Visual Examinations on valves and bolting (cont.)**

ISI Section XI examinations were conducted on the following systems:

- Pressurizer
- Reactor Coolant

There were no unacceptable exam results identified.

**E. ISI Section XI Visual Examination of components supports (Code Case N-491)**

PSEG Nuclear's ISI Group conducted 16 scheduled VT-1 and VT-3 visual examinations.

There were no unacceptable indications identified.

**F. ISI section XI Visual Examination of Containment Integrity**

PSEG's Nuclear ISI Group conducted 166 VT-G IWE Visual Examinations.

There were no unacceptable exam results identified.

**G. ISI Section XI System Leakage Examinations**

The PSEG ISI Group conducted seventy-one (71) System Pressure Tests of System Functional or Inservice Tests, on Nuclear Class 1, 2, and 3, components 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 temperature and 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 walkdowns.

## SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT

### G. ISI Section XI System Leakage Examinations (cont.)

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

- |                             |                           |
|-----------------------------|---------------------------|
| - Auxiliary Feedwater       | - Station Air             |
| - Component Cooling         | - Spent Fuel Pool Cooling |
| - Containment Spray         | - Safety Injection        |
| - Chemical Volume & Control | - Sampling                |
| - Demineralized Water       | - Service Water           |
| - Fire Protection           | - Ventilation Control     |
| - Main Steam                | - Waste Liquid            |
| - Reactor Coolant           |                           |

There were no unacceptable results identified.

### H. RCP Flywheel Examination per USNRC Regulatory Guide 1.14

Framatome, under direct supervision from PSEG Nuclear's ISI Group, conducted period required ultrasonic examinations on all four reactor coolant pump flywheels.

There were no unacceptable exam results identified.

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

During 2R13, PSEG Nuclear implemented 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 was one (1) weld examined, to comply with the Risk Informed Break Exclusion Region (RI-BER).

There were no unacceptable exam results identified.

**SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT**

**J. 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            | Residual Heat Removal |
| Chemical and Volume Control | Containment Spray     |
| Sampling                    | Boron Recovery        |
| Waste Gas                   | Waste Liquid          |

There were no unacceptable exam results identified.

**K. Augmented Bolted Connection Exam per Code Case N 533-1**

PSEG's ISI Group conducted eighty seven (87) 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.

**L. Preservice Examinations on Various Bolting Material Replacements**

Two bolted connections were replaced as identified below:

<b>Preservice Examinations on Various Bolting Material Replacements</b>					
<u>ITEM NO.</u>	<u>Sum#</u>	<u>COMPONENT DESCRIPTION</u>	<u>PSEG DCP NO.</u>	<u>PSEG CJP NO.</u>	<u>PSEG W.O.#</u>
1.	012500	2-PZR-MB 1-16 Manway bolting replacement, Replaced all Sixteen (16) Manway Bolts.	N/A	N/A	60025174
2.	255550	2PR3 Bolting all Eight (8) Bolts, Washers, And Nuts.	N/A	N/A	50003285

The applicable (PSI) examinations were performed with no unacceptable exam results identified.

**SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT**

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

Three (3) component supports or their associated integral attachments were replaced / replaced or modified as identified below:

<b>Preservice Examinations on Various Component Supports and their Associated Integral Attachments Due to Repair/ Replacement / Modifications</b>					
<b>ITEM NO.</b>	<b>WinISI Sum#</b>	<b>COMPONENT SUPPORT IDENTIFICATION</b>	<b>PSEG DCP NO.</b>	<b>PSEG CJP NO.</b>	<b>PSEG W.O.#</b>
1.	330740	2FWH-22-19	N/A	60032525	60032525
2.	503585	2-RHRH-21-16	N/A	60039723	60039723
3.	723020	MSWG-40	N/A	60033607	60033607

The applicable (PSI) examinations were performed with no unacceptable indications identified.

**N. Preservice Examinations on Various Piping Welds due to Repair/ Replacement / Modifications**

There were no piping weld repairs, replacements, or modifications performed this outage.

**O. Erosion / Corrosion UT Thickness Program**

In response to NRC Bulletin 87-01 and Engineering Directive MEC-94-1071, one hundred and forty nine (149) components were scheduled for UT thickness examinations.

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

<b>Corrosion / Corrosion UT Thickness Program</b>			
<b>ITEM NO.</b>	<b>SYSTEM</b>	<b>COMPONENT ID</b>	<b>COMPONENT DESCRIPTION</b>
1.	Heating Water	(K-12) 2S-HW-615-R1	6" x 4" Reducer

**SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT****O. Erosion / Corrosion UT Thickness Program (cont'd)**

As a result of these repairs / replacements, PSEG Engineering judgement, and procedural requirements for readings less than 70% of nominal wall, an examination expansion of sixteen (16) components was performed. This increased the total number of examinations to one hundred sixty five (165) components. The following is a break down of these examinations.

- a. One (1) component was replaced.
- b. One hundred and sixty four (164) were acceptable for continued service, based on minimum wall design requirements.
- c. No components required a weld build-up.

There were four (4) Steam Generator Feedwater Elbows and Pup pieces replaced in Containment, three (3) inside the Bio-Shield and one (1) in the Annulus. These were replaced as a result of low readings obtained during a previous outage.

There were no other unacceptable exam results identified.

**P. Functional Testing of Selected Hydraulic and Mechanical Snubbers per Technical Specification 4.7.9 (c)****HYDRAULIC SNUBBERS (FIRST TEST SAMPLE)**

Hydraulic snubbers were tested using the Technical Specification 4.7.9(c), 10% sample plan by Wyle Laboratories using the API in-place snubber test machine and the Wyle Laboratories model 150-snubber test machine as follows:

- Two (2) S/G 1,000 Kip Rexnords
- One (1) MSIV 200 Kip Paul Monroe

There were no degraded Snubbers, and no failures.

**SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT****P. Functional Testing of Selected Hydraulic and Mechanical Snubbers per Technical Specification 4.7.9 (c) (cont'd)****MECHANICAL SNUBBERS (FIRST TEST SAMPLE)**

Mechanical 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:

- One (1) Lisega small snubber
- Twelve (12) mechanical medium (PSA-1, 3 and 10)
- Two (2) mechanical small (PSA-1/4 and 1/2)

100% swap out of all PSA Mechanical and all Paul Monroe 200 KIP snubbers to Lisega type was completed during 2R 13. Each snubber was checked for freedom of motion and position verified. All mechanical snubbers functional tested satisfactory.

A feedwater mechanical medium snubber found damaged and replaced in kind during 2R.12 was visual examined before and after shutdown.

Examination results were satisfactory.

## SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT

## R. List of Acronym's

<u>ABBREVIATION</u>	<u>DESCRIPTION</u>
A-E	AUGMENTED EXAM
AF	AUXILIARY FEEDWATER SYSTEM
ASME	AMERICAN SOCIETY OF 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

## SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT

## R. List of Acronym's (Cont'd)

<u>ABBREVIATION</u>	<u>DESCRIPTION</u>
EXAM	EXAMINATION
FO	DIESEL GENERATOR FUEL OIL SYSTEM
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 ELBOW
LDO	LONGITUDINAL SEAM WELD EXTENDING DOWNSTREAM ON THE OUTSIDE RADIUS OF AN ELBOW
LGS	LUGS
LO	ZERO REFERENCE LOCATION
LTP	LONG TERM PLAN

## SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT

## R. List of Acronym's (Cont'd)

<u>ABBREVIATION</u>	<u>DESCRIPTION</u>
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
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 EXAMINATION
PZR	PRESSURIZER

## SALEM UNIT 2 (2R13) ISI FINAL SUMMARY REPORT

## R. List of Acronym's (Cont'd)

<u>ABBREVIATION</u>	<u>DESCRIPTION</u>
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
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

**ENCLOSURE 3**

**SALEM GENERATING STATION UNIT 2  
ISI PROGRAM LONG TERM PLAN  
2R13 EXAMINATION RESULTS**

**Salem Nuclear Generating Station, Unit 2**  
**ISI Program Long Term Plan**  
**2R13 Examination Results**

Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
004600	29-RC-1230-1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
004610	29-RC-1240-1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
004620	29-RC-1220-1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
004630	29-RC-1210-1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
007110	CRD NOZZLES (SPT)	SH.RA-IS.ZZ- 0005 (Q)	OWN	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
007115	RPV LOWER HEAD	SH.RA-IS.ZZ- 0005 (Q)	OWN	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	Notification# 20162301 was generated for paint blistering on lower head.
011800	6-PR-1205-1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
011810	6-PR-1204-1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
011820	6-PR-1203-1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
011830	4-PR-1200-1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	

**Salem Nuclear Generating Station, Unit 2**  
**ISI Program Long Term Plan**  
**2R13 Examination Results**

Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
011850	4-PS-1231-33	54-ISI-240-41	ISI	Surface	PT	Accept	c	Surface examination performed by Framatome under W/O# 50052474	
011850	4-PS-1231-33	54-ISI-829-00	ISI	Volumetric	UT	Accept		Ultrasonic examination performed by Framatome in accordance with Risk-Informed criteria, Ref. EPRI TR-112557 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
011850	4-PS-1231-33	SH.RA-SP.ZZ-0217 (Q)	ISI	Volumetric	RT	Accept	c	Radiography examination performed by MQS under W/O# 50052474 in order to obtain 100% volumetric coverage.	
011851	4-PS-1231-33	SH.RA-IS.ZZ-0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112557 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
012500	2-PZR-MB 1-16	SH.RA-IS.ZZ-0116 (Q)	ISI	Visual	VT-1	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Pre-Service VT examination of 24 bolts
012500	2-PZR-MB 1-16	SH.RA-IS.ZZ-0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Performed during class 1 walkdown under sum# 950000
012520	PZR Inst. Penetrations	SH.RA-IS.ZZ-8805 (Q)	OWN	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	Added to outage due to industry events at Surry and NUCR 70027086
022800	24-STG-OMB	SH.RA-IS.ZZ-0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
022900	23-STG-OMB	SH.RA-IS.ZZ-0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
023000	22-STG-OMB	SH.RA-IS.ZZ-0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
023100	21-STG-OMB	SH.RA-IS.ZZ-0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
023200	24-STG-IMB	SH.RA-IS.ZZ-0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
023300	23-STG-IMB	SH.RA-IS.ZZ-0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
023400	22-STG-IMB	SH.RA-IS.ZZ-0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
023500	21-STG-IMB	SH.RA-IS.ZZ-0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
031025	3-CV-1243-6A	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
031050	3-CV-1243-6B	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
031075	3-CV-1243-6C	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
031100	3-CV-1243-7	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
031200	3-CV-1243-8	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
031300	3-CV-1243-9	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
031400	3-CV-1243-10	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
031450	3-CV-1243-10A	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
031500	3-CV-1243-11	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	

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Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
033900	3-CV-1241-7	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
034000	3-CV-1241-8	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
035600	3-CV-1231-10	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	Added to outage to replace sum# 035400 due to accessibility issues.
051100	6-PR-1205-10FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
052300	6-PR-1204-10FB	SH.RA-IS.ZZ-0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
052300	6-PR-1204-10FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
053700	6-PR-1203-10FB	SH.RA-IS.ZZ- 0116 (Q)	AUG	Visual	VT-1	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
053700	6-PR-1203-10FB	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
054100	4-PR-1200-4	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
054200	4-PR-1200-5	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
054300	4-PR-1200-6	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
055850	3-PR-1207-13	54-ISI-240-41	ISI	Surface	PT	Accept	c	Surface examination performed by Framatome under W/O# 50052474	

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Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
056100	3-PR-1206-3	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
056200	3-PR-1206-4	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
056300	3-PR-1206-5	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
056400	3-PR-1206-6	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
060001	14-PS-1231-1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
060010	14-PS-1231-1A	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
079300	29-RC-1240-3	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
080000	29-RC-1240-5	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
081200	29-RC-1230-5	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	

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Sum#	Component ID	Procedure	Cde Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
081500	29-RC-1220-3	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
082200	29-RC-1220-5	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
083300	29-RC-1210-5	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	3	Visual examination performed by PSEG personnel In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
150500	14-RH-1211-4	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
151100	14-RH-1211-9	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	Added to outage to replace sum# 150400 due to accessibility issues.
151400	14-RH-1211-12	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	Added to outage to replace sum# 150600 due to accessibility issues.
151600	14-RH-1211-13	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	Added to outage to replace sum# 150800 due to accessibility issues.
151750	2RH1 VALVE BODY		ISI				r		Did not have access to this component this outage.
152450	2RH2 VALVE BODY		ISI				r		Did not have access to this component this outage.
162600	10-SJ-1231-16	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	Added to outage to insure allocation count

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Sum#	Component ID	Procedure	Code Reqs	NDE Method	Exam Type	Results	Status	Comments	Remarks
165325	22SJ49 VALVE BODY		ISI				r		Did not have access to this component this outage.
165400	8-SJ-1262-2	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
165450	8-SJ-1262-3	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
165500	8-SJ-1262-4	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
166250	8-SJ-1262-15	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
166500	8-SJ-1262-17	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
167625	21SJ49 VALVE BODY		ISI				r		Did not have access to this component this outage.
168650	8-SJ-1252-17	54-ISI-112-10	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	Added to outage to replace sum# 165376 due to accessibility issues.
168700	8-SJ-1252-18	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	Added to outage to replace sum# 165600 due to accessibility issues.
169100	8-SJ-1252-21	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	Added to outage to replace sum# 165750 due to accessibility issues.

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Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
177400	4-SJ-1294-12	54-ISI-240-41	ISI	Surface	PT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
177500	4-SJ-1294-13	54-ISI-240-41	ISI	Surface	PT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	Liquid penetrant Exam noted linear indication measuring 1/10". This indication does not exceed code acceptance standards. Indication was removed UNDER NOTIFICATION# 20163452 and re-examined by MQS with acceptable results.
177500	4-SJ-1294-13	SH.RA-IS.ZZ-0119 (Q)	ISI	Surface	PT	Accept	c	Ultrasonic examination performed by MQS under W/O# 50052474	Liquid Penetrant examination after blending was performed by MQS. Exam results were acceptable.
177700	4-SJ-1294-17	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
178050	4-SJ-1294-23	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
178100	4-SJ-1294-24	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
184200	2-SJ-1249-2FB	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
184200	2-SJ-1249-2FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
186700	2-SJ-1247-4FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
186700	2-SJ-1247-4FB	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
188000	2-SJ-1239-2FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
188000	2-SJ-1239-2FB	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
189800	2-SJ-1237-7FB	SH.RA-IS.ZZ- 0116 (Q)	AUG	Visual	VT-1	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
189800	2-SJ-1237-7FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
191000	2-SJ-1229-2FB	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
191000	2-SJ-1229-2FB	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
193350	2-SJ-1228-2FB	SH.RA-IS.ZZ- 0116 (Q)	AUG	Visual	VT-1	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
193350	2-SJ-1228-2FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
196500	2-SJ-1219-2FB	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
196500	2-SJ-1219-2FB	SH.RA-IS.ZZ- 0116 (Q)	AUG	Visual	VT-1	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
198350	2-SJ-1218-5FB	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
198350	2-SJ-1218-5FB	SH.RA-IS.ZZ- 0005 (Q)		Visual	VT-2	Accept		Visual examination performed by PSEG personnel under W/O# 50052474	
200450	1.5-SJ-1242-8FB	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
200450	1.5-SJ-1242-8FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
201950	1.5-SJ-1242-38R1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel in Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
201951	1.5-SJ-1242-38R1	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	c	Sum# used for tracking purposes Visual examination performed under sum# 201950 by PSEG personnel under W/O# 50052474	
202000	1.5-SJ-1242-39R1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel in Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	

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Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
202050	1.5-SJ-1242-40R1	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
202100	1.5-SJ-1242-41	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel in accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
202700	1.5-SJ-1232-10FB	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c		
202700	1.5-SJ-1232-10FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
204700	1.5-SJ-1222-13FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
204700	1.5-SJ-1222-13FB	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
206950	1.5-SJ-1212-8FB	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
250100	24-PMP-BOLTS 1-24	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
250200	23-PMP-BOLTS 1-24	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
250300	22-PMP-BOLTS 1-24	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
250400	21-PMP-BOLTS 1-24	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
250600	24-PMP-LIG 1-24		ISI	Visual			r		Did not have access to this component this outage.
250700	23-PMP-LIG 1-24		ISI	Visual			r		Did not have access to this component this outage.
250800	22-PMP-LIG 1-24		ISI	Visual			r		Did not have access to this component this outage.
250900	21-PMP-LIG 1-24		ISI	Visual			r		Did not have access to this component this outage.
251545	24 RCP CASE WELD	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	Added to outage in place of Sum 251500 #21 RCP to better utilize scheduling conditions

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Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
251550	24-PMP-IS		ISI	Visual			r		Did not have access to this component this outage.
251600	23-PMP-IS		ISI	Visual			r		Did not have access to this component this outage.
251700	22-PMP-IS		ISI	Visual			r		Did not have access to this component this outage.
251800	21-PMP-IS		ISI	Visual			r		Did not have access to this component this outage.
255050	2CV2 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255100	2CV277 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255150	2CV79 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255200	2CV275 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255250	2CV80 BOLTING	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
255250	2CV80 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255300	2CV77 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255300	2CV77 BOLTING	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
255350	2CV274 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255350	2CV274 BOLTING	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
255400	2CV78 BOLTING	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
255400	2CV78 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255450	2CV75 BOLTING	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
255450	2CV75 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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Sum#	Component ID	Procedure	Code Requirs	NDR Method	Exam Type	Results	Status	Comments	Remarks
255550	2PR5 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255600	2PR4 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255650	2PR3 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255675	2PR7 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255700	2PR2 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255725	2PR6 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255750	2PR1 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255800	2PS28 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255850	2PS3 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255850	2PS3 BOLTING	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
255900	2PS29 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255950	2PS24 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
255975	2PS1 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
256000	2PS25 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
257850	2RH1 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
257900	2RH2 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
257950	2RH26 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258000	24SJ54 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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Sum#	Component ID	Procedure	Code/Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
258050	24SJ55 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258100	24SJ56 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258150	23SJ54 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258200	23SJ55 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258250	23SJ56 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258300	22SJ54 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258350	22SJ55 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258400	22SJ56 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258450	21SJ54 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258500	21SJ55 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258550	21SJ56 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258600	22SJ49 BOLTING	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
258600	22SJ49 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258650	21SJ49 BOLTING	SH.RA-IS.ZZ- 0116 (Q)	AUG	Visual	VT-1	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258650	21SJ49 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
258700	24RH27 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258750	23RH27 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258800	24SJ43 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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Sum	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
258850	24SJ156 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	U	Visual examination performed by PSEG personnel under W/O# 50052474	
258900	23SJ43 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
258950	23SJ156 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259000	22SJ43 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259050	22SJ156 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259100	21SJ43 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259150	21SJ156 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259200	2SJ13 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259250	2SJ135 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259300	2SJ12 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259350	22SJ40 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259400	21SJ40 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259450	2SJ150 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259500	21SJ388 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259550	22SJ388 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259600	23SJ388 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
259650	24SJ388 BOLTING	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
273400	16-BFN-2241-1	54-ISI-130-38	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	

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Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
273400	16-BFN-2241-1	54-ISI-270-41	ISI	Surface	MT	Reject		Surface examination performed by Framatome under W/O# 50052474	MT examination noted rejectable linear indication 8" clockwise from TDC. Notification# 20163362 was generated to take a boat sample and blend area. Expanded examination plan to include sum#'s 273500 - 273600 -and 273700
273400	16-BFN-2241-1	SH.RA-IS.ZZ-0201 (Q)	ISI	Surface	MT	Accept	c	Surface examination performed by MQS after blinding under W/O# 50052474	Magnetic Particle exam performed by MQS after blending exam results were acceptable.
273450	16-BFNIR-2241-1	54-ISI-132-06	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	
273500	16-BFN-2231-1	SH.RA-IS.ZZ-0117 (Q)	ISI	Surface	MT	Accept	E	Surface examination performed by MQS under W/O# 50052474	Added to outage as a expanded sample due to indication found on sum# 273400
273600	16-BFN-2221-1	SH.RA-IS.ZZ-0117 (Q)	ISI	Surface	MT	Accept	E	Surface examination performed by MQS under W/O# 50052474	Added to outage as a expanded sample due to indication found on sum# 273400
273700	16-BFN-2211-1	SH.RA-IS.ZZ-0117 (Q)	ISI	Surface	MT	Accept	E	Surface examination performed by MQS under W/O# 50052474	Added to outage as a expanded sample due to indication found on sum# 273400
275358	2-RHE-1VS-1&2	SH.RA-IS.ZZ-0119 (Q)	ISI	Surface	PT	Accept	c	Surface examination performed by MQS under W/O# 50052474	PT examination performed by MQS after blending of linear indication on weld #2 examination results were acceptable.
275358	2-RHE-1VS-1&2	54-ISI-240-41	ISI	Surface	PT	Reject		Surface examination performed by Framatome under W/O# 50052474	PT examination noted linear indication on weld #2 Notification# 20163453 was generated to remove indication and re-examine. expanded examination plan to include sum#'s 275359 and 275360
275359	2-RHE-5VS-1&2	SH.RA-IS.ZZ-0119 (Q)	ISI	Surface	PT	Accept	E	Surface examination performed by MQS after blending under W/O# 50052474	Added to outage as a expanded sample due to indication found on sum# 275358
275360	2-RHE-9VS-1&2	SH.RA-IS.ZZ-0119 (Q)	ISI	Surface	PT	Accept	E	Surface examination performed by MQS under W/O# 50052474	Added to outage as a expanded sample due to indication found on sum# 275358

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Surf#	Component ID	Procedure	Code/Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
275410	21-RHRHEX-IN	54-ISI-136-01	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	
275410	21-RHRHEX-IN	54-ISI-240-41	ISI	Surface	PT	Accept		Surface examination performed by Framatome under W/O# 50052474	
329030	4-AF-2211-4	54-ISI-112-10	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	
330740	2-FWH-22-19	SH.RA-IS.ZZ-0150 (Q)	PRE	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	Pre-Service VT-3 visual examination
350056	8-CS-2225-7	SH.RA-IS.ZZ-0119 (Q)	OWN	Surface	PT	Accept	c	Surface examination performed by MQS under W/O# 50052474	Added to outage as requested by John Frankenberg due to water hammer issue
350058	8-CS-2225-8	SH.RA-IS.ZZ-0119 (Q)	OWN	Surface	PT	Accept	c	Surface examination performed by MQS under W/O# 50052474	Added to outage as requested by John Frankenberg due to water hammer issue
360710	6-CV-2211-11	54-ISI-240-41	ISI	Surface	PT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	Added to outage as requested by John Frankenberg due to water hammer issue
381240	32-MS-2221-2	54-ISI-835-05	AUG	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
501548	14-RH-2224-14PS-1	SH.RA-IS.ZZ-0119 (Q)	OWN	Surface	PT	Accept	c	Surface examination performed by MQS under W/O# 50052474	Added to outage as requested by John Frankenberg due to water hammer issue
502850	8-RH-2226-5	SH.RA-IS.ZZ-0119 (Q)	OWN	Surface	PT	Accept	c	Surface examination performed by MQS under W/O# 50052474	Added to outage as requested by John Frankenberg due to water hammer issue
502920	8-RH-2226-12	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
502930	8-RH-2226-13	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	

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Sum#	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
502940	8-RH-2226-14	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
502950	8-RH-2226-15	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
502960	8-RH-2226-16	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
502970	8-RH-2226-17	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
502980	8-RH-2226-18	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
503400	8-RH-2216-10	54-ISI-112-10	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
503410	8-RH-2216-11	54-ISI-112-10	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
503420	8-RH-2216-12	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
503430	8-RH-2216-13	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	

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503440	8-RH-2216-14	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
503450	8-RH-2216-15	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
503460	8-RH-2216-16	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
503585	2-RHRH-21-16	SH.RA-IS.ZZ-0150 (Q)	PRE	Visual	VT-3	Accept	c	Visual examination performed by CSEG personnel under W/O# 50052474	Pre-Service VT-3 visual examination
573090	12-RH-2252-9	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
573100	12-RH-2252-10	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
573110	12-RH-2252-11	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
573120	12-RH-2252-12	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome In Accordance with Risk-Informed criteria, Ref. EPRI TR-112657 Rev. B-A and ASME Code Case N-578-1 under W/O# 50052474	
700030	8-CS-2227-7	54-ISI-112-10	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	
700040	8-CS-2227-8	54-ISI-112-10	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	Added to outage to replace sum# 700020 due to accessibility issues.
705430	8-CS-2229-6	54-ISI-836-05	ISI	Volumetric	UT	Accept	r	Ultrasonic examination performed by Framatome under W/O# 50052474	

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705440	8-CS-2229-7	54-ISI-836-05	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	Added to outage to replace sum# 705420 due to accessibility issues.
707125	4-CV-2257-1A	54-ISI-240-41	ISI	Surface	PT	Accept	c	Surface examination performed by Framatome under W/O# 50052474	
723020	MSWG-40	SH.RA-IS.ZZ-0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	Pre-service VT-3 visual examination.
734050	2CVE020	SH.RA-IS.ZZ-0150 (Q)	PRE	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734055	2CVE020 IA	SH.RA-IS.ZZ-0119 (Q)	ISI	Surface	PT	Accept	c	Surface examination performed by MQS under W/O# 50052474 & 60040220	Penetrant examination performed after blending weld and area. Results were acceptable.
734055	2CVE020 IA	54-ISI-240-41	ISI	Surface	PT	Reject	c	Surface examination performed by Framatome under W/O# 50052474	Penetrant examination noted excessive bleed out from weld area due to poor surface preparation during the manufacturing process. Notification# 20163970 was generated to blend weld area and re-examine.
734070	2BRE16	SH.RA-IS.ZZ-0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734075	2BRE16 IA	SH.RA-IS.ZZ-0116 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734080	2BRE17	SH.RA-IS.ZZ-0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734085	2BRE17 IA	SH.RA-IS.ZZ-0116 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734090	2CSE1	SH.RA-IS.ZZ-0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734110	2CVE18	SH.RA-IS.ZZ-0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734111	2CVE-18-SWIJ-1	54-ISI-136-01	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	Added to outage to meet ASME commitments due to issues during program review
734112	2CVE-18-SWIJ-2	54-ISI-136-01	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome under W/O# 50052474	Added to outage to meet ASME commitments due to issues during program review

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734115	2CVE18-VS-1	54-ISI-240-41	ISI	Surface	PT	Accept	c	Surface examination performed by Framatome under W/O# 50052474	Added to outage to meet ASME commitments due to issues during program review
734116	2CVE18-VS-2	SH.RA-IS.ZZ-0119 (Q)	ISI	Surface	PT	Accept	E	Surface examination performed by MQS under W/O# 50052474	Added to outage to meet ASME commitments due to issues during program review
734117	2CVE18-VS-3	SH.RA-IS.ZZ-0119 (Q)	ISI	Surface	PT	Accept	E	Surface examination performed by MQS under W/O# 50052474	Added to outage to meet ASME commitments due to issues during program review
734130	2RCE10	SH.RA-IS.ZZ- 0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734150	21 S/G LOWER VERT SUPPORT	SH.RA-IS.ZZ- 0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734200	2RHE2	SH.RA-IS.ZZ- 0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734210	2RHE3	SH.RA-IS.ZZ- 0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734230	2SFE12	SH.RA-IS.ZZ- 0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734235	2SFE12 IA	SH.RA-IS.ZZ- 0116 (Q)	ISI	Visual	VT-1	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734240	2SJE2	SH.RA-IS.ZZ- 0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734260	2SJE4	SH.RA-IS.ZZ- 0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	
734262	2SJE6	SH.RA-IS.ZZ- 8805 (Q)	OWN	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	Added to outage in response to OE-15071 and OE-15222
734263	2SJE7	SH.RA-IS.ZZ- 8805 (Q)	OWN	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	Added to outage in response to OE-15071 and OE-15222
734264	2SJE8	SH.RA-IS.ZZ- 8805 (Q)	OWN	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	Added to outage in response to OE-15071 and OE-15222
734265	2SJE9	SH.RA-IS.ZZ- 8805 (Q)	OWN	Visual	VT-2	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	Added to outage in response to OE-15071 and OE-15222
734270	2CVE24	SH.RA-IS.ZZ- 0150 (Q)	ISI	Visual	VT-3	Accept	c	Visual examination performed by PSEG personnel under W/O# 50052474	

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950000	SPT-2-RC-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Visual examination performed by the following personnel. John O'Neil, Wayne Denlinger, Robert Briggs Level III - Pete Durant, Walt Sheets, Bill Brammeier, Wally Wikoff, Paul Lindale, Bruce Petrowski, Patrick Cusick, Michael Oliveri, and David Mora, Level II
950050	SPT-2-AF-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification# 60035186 generated 2AFE4 inboard seal leak.
950100	SPT-2-AF-002	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950225	SPT-2-BF-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950250	SPT-2-CA-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950260	SPT-2-CA-002	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950270	SPT-2-CA-003	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950500	SPT-2-CC-005	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950550	SPT-2-CH-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950600	SPT-2-CH-002	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950750	SPT-2-CS-003	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification# 20162519 generated for dried boron on valve 21CS48.
950800	SPT-2-CS-004	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950850	SPT-2-CV-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950900	SPT-2-CV-002	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
950950	SPT-2-CV-003	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
951000	SPT-2-CV-004	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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951100	SPT-2-CV-006	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	3	Visual examination performed by PSEG personnel under W/O# 50052474	
951250	SPT-2-GB-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
951300	SPT-2-MS-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
951450	SPT-2-RC-004	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
951550	SPT-2-RH-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification# 20161895 generated Guage 2PL414 broken.
951600	SPT-2-RH-002	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notifications for dried boron on valves 20161679 valve 22RH10, 20161680 valve 22RH12, 20141093 valve 22RH18
951700	SPT-2-SA-002	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
951800	SPT-2-SJ-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
951850	SPT-2-SJ-002	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
951900	SPT-2-SJ-003	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952150	SPT-2-SJ-008	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952200	SPT-2-SJ-009	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952350	SPT-2-SS-003	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification# 20157756 generated for dried boron on valve 2SS104.
952400	SPT-2-SS-004	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952450	SPT-2-SS-005	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952500	SPT-2-SS-006	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952550	SPT-2-SS-007	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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952600	SPT-2-SS-008	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952650	SPT-2-SS-009	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952700	SPT-2-SS-010	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952750	SPT-2-SS-011	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952800	SPT-2-SS-012	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952850	SPT-2-SS-013	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification# 20157757 generated for dried boron on valve 22SS182.
952900	SPT-2-SS-014	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
952950	SPT-2-SS-015	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953000	SPT-2-SS-016	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953050	SPT-2-SW-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953100	SPT-2-SW-002	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953150	SPT-2-SW-003	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953200	SPT-2-SW-004	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953250	SPT-2-SW-005	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953300	SPT-2-SW-006	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification# 20156978 generated for thru wall leak on 2" pipe that is out of area of interest.
953350	SPT-2-SW-007	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953400	SPT-2-SW-008	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953450	SPT-2-SW-009	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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953500	SPT-2-SW-010	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953650	SPT-2-SW-013	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953700	SPT-2-SW-014	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953750	SPT-2-SW-015	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953800	SPT-2-SW-016	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953850	SPT-2-SW-017	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953900	SPT-2-SW-018	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
953950	SPT-2-SW-019	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification's for leak at flange connection 20152370 for valve 22SW234 and 20152481 for valve 22SW235.
954000	SPT-2-SW-020	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification's generated for inactive leak at fitting of flow orifices 20124273 on valve 22-SW502 and 20124274 for valve 22SW503
954050	SPT-2-SW-021	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
954400	SPT-2-SW-028	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification# 20152369 generated for broken guage 2PO6415.
954750	SPT-2-VC-002	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
954850	SPT-2-VC-004	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
954900	SPT-2-VC-005	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
954950	SPT-2-VC-006	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
955000	SPT-2-VC-007	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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955050	SPT-2-WG-001		ISI						Waste Gas Examinations performed as NU-REG examinations under the following Sum# 958200 - 958210 - 958220 - 958230 - 958240 - 958250 & 958270 every refuel outage.
955100	SPT-2-WL-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
955200	SPT-2-WL-003	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
955250	SPT-2-WL-004	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
955300	SPT-2-WL-005	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
955350	SPT-2-WR-001	SH.RA-IS.ZZ- 0005 (Q)	ISI	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958010	NR-SPT-2-BR-001	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification's were generated for valve flange to flange connection 20150245 valve 22BR84 and 20150247 valve 23BR84.
958020	NR-SPT-2-CS-001	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification# 20162519 generated for dried boron on valve 21CS48.
958030	NR-SPT-2-CS-002	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958040	NR-SPT-2-CV-001	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958050	NR-SPT-2-CV-002	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958060	NR-SPT-2-CV-003	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958070	NR-SPT-2-CV-004	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification's were generated for dried boron. 20151125 on valve 22CV96 and 21051126 on valve 22CV97 and 20151124 on valve 22CV288.
958080	NR-SPT-2-CV-005	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	

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958090	NR-SPT-2-CV-006	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958100	NR-SPT-2-CV-007	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958110	NR-SPT-2-RH-001	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958120	NR-SPT-2-RH-002	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification's were generated for dried boron on valves. 20161679 on valve 22RH10, and 201616780 on valve 22RH12 and 20141093 on valve 22RH18
958130	NR-SPT-2-SI-001	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	3	Visual examination performed by PSEG personnel under W/O# 50052474	
958140	NR-SPT-2-SI-002	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958150	NR-SPT-2-SI-003	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958160	NR-SPT-2-SS-001	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification's were generated for packing leaks 20150951 on valve 2SS33 and 20150952 on valve 2SS27
958170	NR-SPT-2-SS-002	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	Notification's were generated for packing leaks 20147777 on valve 23SS94 and 20147778 on valve 24SS94.
958180	NR-SPT-2-SS-003	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958190	NR-SPT-2-SS-004	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 50052474	
958200	NR-SPT-2-WG-001	S2.RA-IS.WG-0003 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 30060784	
958210	NR-SPT-2-WG-002	S2.RA-IS.WG-0003 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 30061019	
958220	NR-SPT-2-WG-003	S2.RA-IS.WG-0003 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 30062029	
958230	NR-SPT-2-WG-004	S2.RA-IS.WG-0003 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 30066866	

Salem Nuclear Generating Station, Unit 2  
ISI Program Long Term Plan

2R13 Examination Results

Sum	Component ID	Procedure	Code Require	NDE Method	Exam Type	Results	Status	Comments	Remarks
958240	NR-SPT-2-WG-005	S2.RA-IS.WG-0003 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 30061874	
958250	NR-SPT-2-WG-006	S2.RA-IS.WG-0003 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 30062373	
958260	NR-SPT-2-WG-007	S2.RA-IS.WG-0003 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 30061541	
958270	NR-SPT-2-WL-001	SH.RA-IS.ZZ- 0005 (Q)	AUG	Visual	VT-2	Accept	B	Visual examination performed by PSEG personnel under W/O# 30061661	

**ENCLOSURE 4**

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

**TABLE 3  
ABSTRACT OF REPAIRS, REPLACEMENTS OR  
CORRECTIVE MEASURES  
REQUIRED FOR CONTINUED SERVICE  
FOR PERIOD MAY 16, 2002 TO NOVEMBER 27, 2003**

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

<b>Examination Category</b>	<b>Item Number</b>	<b>Item Description</b>	<b>Flaw Characterization</b>	<b>Flaw or Relevant Condition Found: During Scheduled Section XI Examination or Test (Yes or No)</b>
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**There Were No Flaws or Relevant Indications This Outage That  
Required Evaluations For Continued Service**

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

Salem Unit 2 Nuclear Generating Station  
(For the period 5/16/2002 TO 11/27/2003)

<b>TABLE 3 Abstract of repairs, Replacements, or Corrective Measures Required for Continued Service</b>							
<b>Code Class</b>	<b>Repair Replacement, or Corrective Measure</b>	<b>Item Description</b>	<b>Description of work</b>	<b>Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)</b>	<b>Date Complete</b>	<b>RR Plan</b>	<b>Repair Replacement Plan Number Evaluation</b>
1	Repair	Nozzle	24 Steam Generator Nozzle S2RC -2RCE8	Yes	2/11/2004	60039991	70034421
2	Replacement	Support	RHR Support S2RHR-2RHRH21-16	No	2/13/2004	60039723	NA
2	Replacement	Support	RHR Support S2RHR-2RHRH22-16	No	2/13/2004	60039724	NA
2	Repair	Support	ReGen Hx Support 2RHE-1VS-1&2	Yes	2/10/2004	60040106	70034250
2	Repair	Support	Support/21 Charge Pump S2CVC-2CVE20	Yes	2/11/2004	60040220	70034483
3	Repair	Tubing	CFCU Rad Monitor Tubing S2RM -2RA9852	No	4/22/2003	60033538	80055007

**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 Complete	Repair Replacement	
						Plan Number	Evaluation
3	Replacement	Valve	Service Water Valve S2SW -25SW25	No	11/7/2002	60033607	80053261
3	Replacement	Piping	Piping Spool 2-SW-P-2157	No	8/13/2002	NA	70024851

**ENCLOSURE 5**

**SALEM GENERATING STATION, UNIT 2  
ISI LONG TERM PLAN INSERVICE INSPECTION  
SUMMARY FOR SECOND INTERVAL**

**Salem Nuclear Generating Station, Unit 2  
ISI Program Long Term Plan**

**Table 1 Inservice Inspection Examination Summary For The Second Interval**

Code Edition - 1986

Examination Category	Population	Total Required for interval	PERIOD 1		PERIOD 2		PERIOD 3		Total Exams credited to date for interval	Remarks
			Total Exams credited for this period	Total Exams % credited for this period	Total Exams credited for this period	Total Exams % credited for this period	Total Exams credited for this period	Total Exams % credited for this period		
B-A	29	29	8	28%	0	0%	21	72%	100%	See Note #1
B-B	8	5	1	20%	2	40%	2	40%	100%	
B-D	30	30	8	27%	5	17%	17	56%	100%	See Note #2
B-E	4	4	0	0%	0	0%	4	100%	100%	See Note #1
B-F	30	30	8	26%	6	20%	12	40%	86%	See Note #5
B-G-1	12	5	4	80%	0	0%	4	20%	100%	See Note #1
B-G-2	83	57	14	26%	15	28%	28	46%	100%	
B-J	1397	356	113	32%	88	24%	8	3%	59%	See Note #5
B-K	48	7	2	29%	2	29%	3	42%	100%	
B-L-1	4	1	0	0%	0	0%	1	100%	100%	See Note #1
B-L-2	4	0	0	0%	0	0%	0	0%	0%	There were no B-L-2 Disassembled this interval See Note #3
B-M-1	2	1	0	0%	0	0%	1	100%	100%	See Note #1
B-M-2	30	8	6	75%	2	25%	0	0%	100%	See Note #3
B-N-1	9	9	1	12%	5	55%	3	33%	100%	
B-N-2	1	1	0	0%	0	0%	1	100%	100%	See Note #1
B-N-3	15	15	0	0%	4	27%	11	63%	100%	See Note #1
B-O	1	1	1	100%	0	0%	0	0%	100%	See Note #1
B-P	3	3	3	100%	0	0%	0	0%	100%	
C-A	55	19	6	28%	3	13%	10	59%	100%	
C-B	24	8	2	25%	2	25%	4	50%	100%	
C-C	220	25	7	30%	6	25%	12	45%	100%	
C-D	9	3	0	0%	0	0%	3	100%	100%	
C-F-1	1285	96	28	29%	29	30%	0	0%	59%	See Note #5
C-F-2	321	29	10	34%	8	28%	0	0%	62%	See Note #5
C-G	24	4	0	0%	2	50%	2	50%	100%	

**Salem Nuclear Generating Station, Unit 2  
ISI Program Long Term Plan**

**Table 1 Inservice Inspection Examination Summary For The Second Interval**

Code Edition - 1986

Examination Category	Population	Total Required for Interval	PERIOD 1		PERIOD 2		PERIOD 3		Total Exams credited to date for Interval	Remarks
			Total Exams credited for this period	Total Exams % credited for this period	Total Exams credited for this period	Total Exams % credited for this period	Total Exams credited for this period	Total Exams % credited for this period		
C-H	53	51	49	97%	2	3%	0	0%	100%	
C-H/D-B	3	3	3	100%	0	0%	0	0%	100%	
D-A	233	145	57	40%	61	41%	27	19%	100%	
D-B	53	52	52	100%	0	0%	0	0%	100%	
F-A	1690	361	104	28%	86	24%	171	48%	100%	
R-A	3007	96	0	0%	0	0%	86	100%	100%	See Note #5

**Notes**

- |  |  |
|--|--|
| <p>1) Deferral Permissible<br/>                 B-A B-G-1<br/>                 B-E B-L-1<br/>                 B-N-2 B-O<br/>                 B-M-1 B-N-3</p> | <p>4) Class 1 Walkdown Performed Each RFO</p>  |
| <p>2) Ref. Table IWB-2500-1, Exam Category B-D, Program (B) Note 2</p>   | <p>5) Risk Informed Implemented Second Interval Third Period Second Outage. ASME Categories B-F, B-J, - C-F-1, and C-F-2 Replaced With R-A Category. See Table For The B-F, - B-J, - C-F-1, - and C-F-2 Examination Percentages for the First and Second Periods and First Outage of Third Period.</p> |
| <p>3) To Be Examined Only If Disassembled for Maintenance, Repair or Volumetric Exam. (Reference- ISI Program)</p>   |  |

**ENCLOSURE 6**

**SALEM GENERATING STATION, UNIT 2  
ISI LONG TERM PLAN INSERVICE INSPECTION  
SUMMARY FOR IWE/IWL FIRST INTERVAL**

**Salem Nuclear Generating Station, Unit 2  
ISI Program Long Term Plan  
Inservice Inspection Examination Summary For IWE/IWL First Interval**

Code Edition - 1998

Table 1

Examination Category	Population	Total Required for Interval	PERIOD 1		PERIOD 2		PERIOD 3		Total Exams % credited to date for Interval	Remarks
			Total Exams credited for this period	Total Exams % credited for this period	Total Exams credited for this period	Total Exams % credited for this period	Total Exams credited for this period	Total Exams % credited for this period		
A-E	6	18	6	33%	6	33%	0	0%	66%	
E-A	160	480	158	33%	158	33%	0	0%	66%	See Note #1
L-A	186	372	186	50%	0	0%	0	0%	50%	

**Notes**

- 1) Inaccessible components will be examined when accessible.

**ENCLOSURE 7**

**SALEM GENERATING STATION, UNIT 2  
ISI LONG TERM PLAN RFO#13  
FLYWHEEL EXAMINATION RESULTS**

01/07/2004

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**Salem Nuclear generating Station, Unit 2**  
**ISI Program Long Term Plan**  
**2R13 Flywheel Examination Results**

Sum#	Component ID	Procedure	Code Require	Method	Exam Type	Results	Status	Examination Comments	Notifications
004000	4S-75P790	54-ISI-117-22	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome personnel under W/O# 50052474	
005000	1S-76P917	54-ISI-117-22	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome personnel under W/O# 50052474	
006000	2S-76P917	54-ISI-117-22	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome personnel under W/O# 50052474	
007000	3S-76P917	54-ISI-117-22	ISI	Volumetric	UT	Accept	c	Ultrasonic examination performed by Framatome personnel under W/O# 50052474	