

SEP 01 2004

LR-N04-0328



United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-001

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

This letter submits the ninety (90) day report for Inservice Inspection (ISI) activities conducted at the Salem Generating Station Unit 1 during the sixteenth refueling outage. This report is submitted in accordance Article IWA-6000 of Section XI of the ASME Boiler and Pressure Vessel Code, 1998 Edition, 2000 Addenda.

The enclosures to this letter are as follows:

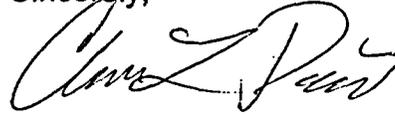
Enclosure 1	Salem Unit 1 (RFO#16) ISI Summary
Enclosure 2	S1 RFO#16, Form OAR-1 Owners Activity Report
Enclosure 3	Form OAR-1, Table 1 Salem Nuclear Generating Station Unit 1 ISI Program Long Term Plan RFO #16 ISI Examination Results
Enclosure 4	Form OAR-1, Table 1 Salem Nuclear Generating Station, Unit 1 ISI Program Long Term Plan RFO #16 IWE Examination Results
Enclosure 5	Form OAR-1, Table 1 Salem Nuclear Generating Station Unit 1 ISI Long Term Plan RFO #16 Flywheel Examination Results
Enclosure 6	Form OAR-1, Table 1 Salem Nuclear Generating Station Unit 1 ISI Long Term Plan Inservice Inspection Summary for the Third Interval
Enclosure 7	Form OAR-1, Table 1 Salem Nuclear Generating Station Unit 1 ISI Long Term Plan IWE/IWL Examination Summary for the First Interval
Enclosure 8	Form OAR-1, Table 2 – Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service.
Enclosure 9	Form OAR-1, Table 3 – Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service.

A047

SEP 01 2004

Should you have any questions regarding this request, please contact Michael G. Mosier at 856-339-5434.

Sincerely,

A handwritten signature in black ink, appearing to read "Christina L. Perino". The signature is fluid and cursive, with the first name being the most prominent.

Christina L. Perino
Director – Nuclear Safety and Licensing

Enclosures (9)

C Mr. S. Collins, Administrator - Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. D. Collins, Project Manager – Hope Creek
U.S. Nuclear Regulatory Commission
Mail Stop 08C2
Washington, DC 20555-0001

USNRC Senior Resident Inspector – Salem (X24)

Mr. K. Tosch
Manager IV
Bureau of Nuclear Engineering
P. O. Box 415
Trenton, NJ 08625

Mr. Milton Washington
Chief Inspector
NJ Department of Labor
Division of Public Safety, Occupational Safety and Health
Bureau of Boiler and Pressure Vessel Compliance
P. O. Box 396
101 South Broad Street
Trenton, NJ 08625-0392

LR-N04-0328
Document Control Desk

ENCLOSURE 1
(Pages – 15)

SALEM UNIT 1 (RFO#16) ISI SUMMARY

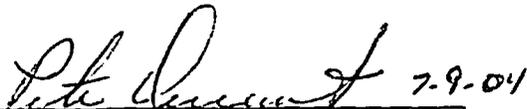
SALEM, UNIT 1
INSERVICE INSPECTION FINAL SUMMARY REPORT
3rd INTERVAL / 1st PERIOD / 2nd OUTAGE

REFUELING OUTAGE 16
Spring 2004

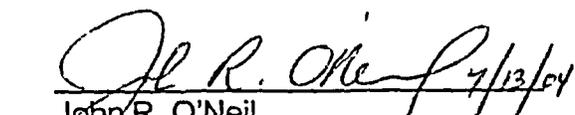
VOLUME 1 OF 9
FINAL REPORT
WITH APPENDICES

Spring 2004

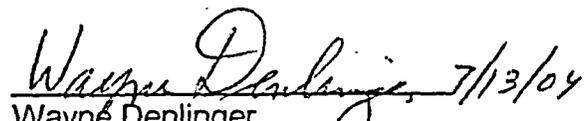
Prepared by:


Peter D. Durant

Reviewed by:


John R. O'Neil
ISI Program Administrator

Reviewed by:


Wayne Denlinger
ISI NDE Specialist

Reviewed by:


David Luettgen (ANII)
HSB-CT

Approved by:


William P. Treston
ISI/IST Supervisor

Copies to: DDG (1 COPY, transmitted under W.O.# 50059638)
ISI (1 COPY, Original)

SALEM UNIT 1 (RFO#16) ISI SUMMARY

SALEM UNIT 1 (RFO#16) ISI ABSTRACT

This report represents an accumulation of information pertaining to the ISI activities conducted during Salem Unit 1 Refueling Outage 16

An inservice examination (ISI) of selected Class 1, Class 2, Class 3, and Class MC, components of Public Service Electric Nuclear Power (PSEG) Salem Generating Station, Unit 1 (Salem 1), was performed by PSEG, Framatome ANP (FTI), Magnaflux Quality Services (MQS), Wesdyne, and Southwest Research personnel during March, 30 2004 – June, 3 2004 (65 days). These examinations constituted the Sixteenth (1st Period, 2nd Outage) refueling outage at Salem Unit 1. This Final Report covers the time period (approximately 18 months) between breaker closure after RFO#15 through breaker closure after RFO#16.

PSEG Nuclear submitted documentation to the NRC and update Salem Unit 1 Code Edition from the 1995 Edition 1996 Addenda to 1998 Edition 2000 Addenda in order to align all Plants to the same Edition and Addenda of the Code.

Exams were performed in accordance with the ASME Section XI 1998 Edition 2000 Addenda, Appendix VIII exams were performed to the 1998 Edition 2000 Addenda as amended by Final Rule and 1998 Edition, IWE / IWL 1998 Addenda of ASME Section XI and the Salem Inservice Inspection Program Long Term Plan.

ISI was performed utilizing visual (VT), magnetic particle (MT), liquid penetrant (PT), and manual ultrasonic (UT), nondestructive examination techniques.

This report also contains augmented examinations required by the Salem Technical Specifications, and Regulatory Commitments, Circulars and Bulletins issued by the United States Nuclear Regulatory Commission.

SALEM UNIT 1 (RFO#16) ISI SUMMARY

SALEM UNIT 1 (RFO#16) ISI SUMMARY

During the spring 2004 refueling outage (RFO16), PSEG, MQS, FTI, Wesdyne, and Southwest Research personnel performed nondestructive examinations (NDE) of selected Class 1, Class 2, and Class 3 components for Salem Generating Station, Unit 1. These examinations constituted the sixteenth (1st Period, 2nd Outage) In-service Inspection that occurred during the Third Ten Year Inspection Interval, of commercial operation. In addition, Class MC components for Salem Generating Station, Unit 1 were completed.

The detailed Salem Unit 1 ISI report is presented in 9 volumes as follows:

- Volume 1 - Summary Report with Appendices A through P
- Volume 2 - Appendix Q through U Visual Examination Field Data Reports
Ultrasonic Report of RCP Shaft, and Valve Bolting.
- Volume 3 - Appendix V System Pressure Test Field Data Reports
- Volume 4 - Reactor Pressure Vessel Upper and Lower Head Visual Examinations.
- Volume 5 - ISI Salem 1 RFO# 16 Boric Acid Corrosion Final Report
- Volume 6 - Framatome 2004 Section XI Inservice Inspection Final Report
Revision: 0 PSEG Salem Nuclear Generating Station Unit #1
RFO #16 (3rd Interval, 1st Period 2nd Outage).
- Volume 7,8,&,9 - Wesdyne Reactor Pressure Vessel Upper Head Penetrations

This report is available for review in the ISI office.

A. Applicable Documents

The ISI was 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", 1998 Edition 2000 addenda, Appendix VIII exams were performed to the 1998 Edition 2000 Addenda as amended by Final Rule and 1998 Edition, 1998 addenda (IWE/IWL).
- 10-Year Inservice Inspection Program for Salem Nuclear Generating Station Unit #1 (Third Interval) Initial Issue.
- PSEG's Salem Nuclear Generating Station Unit 1, Outage ISI Examination Plan (Rev.0), Third Interval, First Period, Second Outage (03/30/2004 thru 06/03/2004).

SALEM UNIT 1 (RFO#16) ISI SUMMARY

A. Applicable Documents (Cont.)

- ASME SECTION XI Appendix VIII examinations were performed in accordance with ASME Section XI, Div. 1, 1998 Edition, 2000 Addenda Appendix VIII, as amended by the Federal Register Notice 67FR60520 through 67FR60542 dated September 26, 2002.

B. ISI Section XI examinations performed by Framatome

Framatome ANP (FTI) under the direction of the PSEG ISI Group, conducted no mechanized ultrasonic, 59 manual ultrasonic, 3 liquid penetrant, 2 magnetic particle examinations.

During 1R16, PSEG Nuclear 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 1 RI-ISI Program are documented in the Salem Nuclear Generating Station – Final Report – Risk Informed Inservice Inspection Application (VTD-326046).

Examinations were performed on the following components and systems:

Class 1

Vessels

- Pressurizer
- Steam Generator

Piping

- Reactor Coolant
- Safety Injection
- Residual Heat Removal

Class 2

Vessels

- Steam Generator

Piping

- Boiler Feed
- Main Steam
- Chemical Volume Control
- Auxiliary Feed

SALEM UNIT 1 (RFO#16) ISI SUMMARY

B. ISI Section XI examinations performed by Framatome (Cont.)

Class 3

- Piping
 - Service Water

C. ISI Section XI Visual examinations on valves and bolting

PSEG's ISI Group conducted Thirty-one (31) Class 1 bolting exams and Two Class 1 valve internal exams.

ISI Section XI examinations were conducted on the following systems:

- Safety Injection
- Reactor Coolant
- Residual Heat Removal
- Chemical Volume

There were no unacceptable indications identified.

D. ISI Section XI Visual examination of components supports

PSEG conducted Twenty-nine 29 Class 1, 2 & 3 component support visual VT-3 examinations.

ISI Section XI examinations were conducted on the following systems:

- Auxiliary Feed
- Residual Heat Removal
- Chemical Volume
- Component Cooling
- Safety Injection
- Reactor Coolant

There were no unacceptable indications identified.

E. RCP Flywheel Examination per USNRC Regulatory Guide 1.14

There were four (4) RCP Flywheel Examinations performed this Outage.

Period examinations were performed on three (3) Flywheels
Interval examination were performed on one (1) Flywheel

SALEM UNIT 1 (RFO#16) ISI SUMMARY

There were no unacceptable indications identified.

F. ISI Section XI System Leakage Examinations

PSEG's ISI Group conducted forty six (46) System Pressure Tests during a System Leakage or on Nuclear Class 1, 2 and 3, in accordance with ASME Section XI.

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

Notifications were initiated to correct minor mechanical leakage that was not corrected during the system walkdowns.

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

- | | |
|-----------------------------|-----------------------|
| - Auxiliary FeedWater | - Station Air |
| - Component Cooling | - Spent Fuel 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.

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

During 1R16, 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 1 RI-BER Program are documented in the Salem Nuclear Generating Station – Final Report – Risk Informed Inservice Inspection Application (VTD-326046).

SALEM UNIT 1 (RFO#16) ISI SUMMARY

H. Augmented System Leakage tests per NUREG 0578 "TMI Lessons Learned"

PSEG's ISI Group conducted twenty eight (28) system leakage tests in accordance with NUREG 0578 on the following systems:

Safety Injection	Residual Heat Removal
Chemical and Volume Control	Containment Spray
Sampling	Liquid Radwaste
Waste Gas	Waste Liquid

There were no unacceptable indications identified.

I. Augmented Bolted Connection Exams per ISI Code Case N-533-1

PSEG's ISI Group conducted eighty-eight (88) Class 1 bolted connection VT-2's in accordance with the ISI Long Term Plan Program Code Case N-533-1.

The following components were repaired as result of the VT-2 examinations performed:

Augmented Bolted Connection Exams per ISI Code Case N-533-1				
<u>ITEM NO.</u>	<u>Sum#</u>	<u>COMPONENT IDENTIFICATION</u>	<u>NOTIFICATION#</u>	<u>DISCREPANT CONDITION DESCRIPTION</u>
1.	196000	1RH-1	20183815	Flange Leaking
2.	197500	11 SJ 156	20185500	Flange Leaking

There were no other unacceptable indications identified.

J. Preservice Examinations on Various Bolting Material Replacements

There were no pre-service examinations of bolting performed this outage.

K. Pre-Service Examination Other than Bolting

There were no pre-service examinations other than bolting performed this outage.

SALEM UNIT 1 (RFO#16) ISI SUMMARY

L. Erosion / Corrosion UT Thickness Program

In response to NRC Bulletin 87-01 and PSEG Engineering Directive MEC-94-1071, 153 components were scheduled for UT thickness examinations.

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

ITEM NO.	SYSTEM	COMPONENT ID	COMPONENT DESCRIPTION
1.	Turbine Drain	J-33	11E Drain Manifold
2.	MSR Drain	C-57	3" Pipe

As a result of these repair / replacement activities, and procedural requirements for readings less than 70% of nominal wall, an examination expansion of 27 components was performed. This increased the total number of examinations to 180 components. The following is a break down of these examinations.

- a. 2 components were replaced.
- b. 178 components were acceptable for continued service, based on minimum wall design requirements.

There were no other unacceptable indications identified.

M. Technical Specification 4.7.9 (c) Functional Testing of Selected Hydraulic and Mechanical Snubbers

Hydraulic Snubbers (First Test Sample)

Large bore Hydraulic snubbers were tested in accordance with station Technical Specification 4.7.9(c), 10% sample plan by Wyle Laboratories API in-place snubber test machine as follows:

-One (1) MSIV 200 Kip Paul Monroe

Snubber was replaced due to its end of seal life. Old snubber found degraded and engineering evaluated acceptable to the acceptance criteria. No further sampling required.

SALEM UNIT 1 (RFO#16) ISI SUMMARY

The following Lisega Hydraulic snubbers were tested using the Wyle Laboratories model 150 snubber test machine.

-Two (2) Lisega small hydraulic snubber,

Mechanical Snubbers (First Test Sample)

Mechanical snubbers were tested in accordance with station Technical Specification 4.7.9(c), 10% sample plan on the Wyle Laboratories model 150 snubber test machine as follows:

- One (1) Mechanical Large (PSA-35)
- Ten (10) mechanical medium (PSA-1,3 and 10's)
- One (1) mechanical small (PSA-1/4 and 1/2's)
- One (1) mechanical small (PSA-1/2) previous failure retest and its shared partner snubber.
- Two (2) mechanical medium (PSA-1) non-tech spec. turbine snubbers were functional tested as the line they were attached to was replaced.

All snubbers were tested and found within acceptable standards.

N. ISI Section XI Visual Examination for Containment Integrity.

There were no IWL Visual Examinations performed and 164 IWE Visual Examinations were performed this outage.

There were no unacceptable indications identified.

O. Reactor Coolant Pump Shaft Inspection.

Due to industry issues concerning Reactor Coolant Pump shaft cracking there were two (2) Augmented Ultrasonic examinations performed on Reactor Coolant Pump Shafts #13 and #14.

There were no unacceptable indications identified.

SALEM UNIT 1 (RFO#16) ISI SUMMARY

P. Reactor Pressure Vessel Closure and Low Head Inspection.

- PSEG Nuclear personnel performed bare-metal visual examinations of the penetrations on the Reactor Pressure Vessel lower head.

There were no unacceptable indications identified.

- PSEG Nuclear personnel performed bare-metal visual examinations of the penetrations on the Reactor Pressure Vessel closure head.

There were no unacceptable indications identified.

Q. Reactor Pressure Vessel Closure and Low Head Inspection.

- Westinghouse performed Ultrasonic examinations and Eddy Current examination on seventy-nine (79) CRD penetrations and J-grove welds.

There were no unacceptable indications identified.

R. Visual Examination on Alloy 600 welds.

During S1-RFO16 PSEG Nuclear personnel performed Bare metal visual examinations on the following components.

Sum#	Component I.D.
006081	Flux Thimbles welds 1-58
047250	#14 Hot leg Thermal Welds
048275	#13 Hot leg Thermal Welds
050850	#12 Hot leg Thermal Welds
052625	#11 Hot leg Thermal Welds
052626	#11-STG Channel Head
054350	#14 Cold leg Thermal Welds
054351	#14-STG Channel Head
055750	#13 Cold leg Thermal Welds
055751	#13-STG Channel Head
057350	#12 Cold leg Thermal Welds
057351	#12-STG Channel Head
058650	#11 Cold leg Thermal Welds

There were no unacceptable indications identified.

SALEM UNIT 1 (RFO#16) ISI SUMMARY

S. Visual Examinations on Accumulator Instrumentation Nozzles

During S1-RFO16 PSEG Nuclear personnel performed Bare metal visual examinations on the following components due to industry events at Surry Nuclear Station and NUCR 70027086.

Sum#	Component I.D.
197250	1SJE6 #11 Accumulator Instrumentation Nozzle Penetrations
198150	1SJE7 #12 Accumulator Instrumentation Nozzle Penetrations
198950	1SJE8 #13 Accumulator Instrumentation Nozzle Penetrations
199750	1SJE9 #14 Accumulator Instrumentation Nozzle Penetrations

There were no unacceptable indications identified.

T. Visual Examination on Pressurizer Instrumentation Nozzles.

During S1-RFO16 PSEG Nuclear personnel performed Bare metal visual examinations on eight (8) Pressurizer instrumentation nozzle penetrations due to industry events at Crystal River Nuclear Station.

There were no unacceptable indications identified.

SALEM UNIT 1 (RFO#16) ISI SUMMARY

U. 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 1 (RFO#16) ISI SUMMARY

U. 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 1 (RFO#16) ISI SUMMARY

U. 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 1 (RFO#16) ISI SUMMARY

U. 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

LR-N04-0328
Document Control Desk

ENCLOSURE 2

(Pages - 1)

S1 RFO#16
FORM OAR-1
OWNERS ACTIVITY REPORT

S1RFO#16

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number: S1RFO#16

Owner: PSEG Nuclear LLC

Plant: Salem Nuclear Generating Station

Unit No: 1 Commercial Service Date: 07/01/77 Refueling Outage No.: RFO #16

Current inspection interval: Third

Current inspection period: First

Edition and Addenda of Section XI applicable to the inspection plan: 1998 Edition 2000 Addenda - Appendix VIII exams were performed to the 1998 Edition 2000 Addenda as amended by Final Rule - and IWE/IWL was performed to the 1998 Edition, 1998 Addenda

Date and revision of inspection plan: 11/2003 Rev. 1 Change 0
Edition and Addenda of Section XI applicable repairs and replacements,
if different than the inspection plan: Class 1, 2, & 3 - 1995 Edition, 1996 Addenda Class CC/MC-1992 Edition / 1992 Addenda.

CERTIFICATE OF CONFORMANCE

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

Certificate of Authorization No.: N/A

Expiration Date: N/A

Signed: [Signature]

Supervisor ISE/IST
Owner or Owner's Designee, Title

Date 7/14/04

CERTIFICATE OF INSERVICE INSPECTION

I the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or province of New Jersey and employed by Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the items described in this Owner's Activity Report, during the period 11/06/02 to 06/03/04, 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]
Inspector's Signature

Commissions NB954/IV.I, NJ786
National Board, State, Province, and Endorsements

Date 07/23/04

ENCLOSURE 3

(Pages – 24)

**Form OAR-1, Table 1
SALEM NUCLEAR GENERATING STATION UNIT 1
RFO #16 ISI EXAMINATION RESULTS**

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
006070	1-CRDM	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
006071	1-CRDUH	UT	AUG	Accept	Ultrasonic examination of the vessel head penetrations was performed by Wesdyne under order # 50059071	
006080	RPV LOWER HEAD	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
006081	Flux Thimble Welds 1-58	VT-2	OWN	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	Examined 58 Flux thimble dissimilar metal welds.
007000	4-PRN-1100-IRS	UT-70°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-60°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-70°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-70°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
007400	4-PSN-1131-IRS	UT-70°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-50°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-50°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
007820	PZR BOLTING MANWAY	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
007825	PZR Instr Penetrations	VT-2	OWN	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
008790	11-STG-OMB	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
008795	11-STG-IMB	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
008901	31-RCN-1140-IRS	UT-25°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-39°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
009001	29-RCN-1140-IRS	UT-25°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-39°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
009650	12-STG-OMB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
009675	12-STG-IMB	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
010550	13-STG-OMB	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
010575	13-STG-IMB	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
011450	14-STG-OMB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
011475	14-STG-IMB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
013100	3-CV-1143-10	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
013200	3-CV-1143-11	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
013300	3-CV-1143-12	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
013400	3-CV-1143-13	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
018400	3-CV-1133-16	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
023300	6-PR-1105-11FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
024500	6-PR-1104-11FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
025800	6-PR-1103-12FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
029701	14-PS-1131-2	VT-2	ISI	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
029800	14-PS-1131-3	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
033501	4-PS-1131-29	VT-2	ISI	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
037400	31-RC-1140-3	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage Due to Acoustic Properties of the Cast Elbow.
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage Due to Acoustic Properties of the Cast Elbow.
037500	31-RC-1140-4	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage Due to Acoustic Properties of the Cast Elbow.
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage Due to Acoustic Properties of the Cast Elbow.

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
047250	14 HOT LEG Thermal Welds	VT-2	OWN	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
048275	13 HOT LEG Thermal Welds	VT-2	OWN	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
049300	29-RC-1130-3	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
050850	12 HOT LEG Thermal Welds	VT-2	OWN	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
052625	11 HOT LEG Thermal Welds	VT-2	OWN	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
052626	11-STG Channel Head	VT-1	OWN	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 80069995 In Regards to Alloy 600/82/182 Industry Issues as per NEI letter dated 02/03/2004	
054350	14 COLD LEG Thermal Welds	VT-2	OWN	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
054351	14-STG Channel Head	VT-1	OWN	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 80069995 In Regards to Alloy 600/82/182 Industry Issues as per NEI letter dated 02/03/2004	
055000	27.5-RC-1140-2	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
055750	13 COLD LEG Thermal Welds	VT-2	OWN	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
055751	13-STG Channel Head	VT-1	OWN	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 80069995 In Regards to Alloy 600/82/182 Industry Issues as per NEI letter dated 02/03/2004	
057350	12 COLD LEG Thermal Welds	VT-2	OWN	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
057351	12-STG Channel Head	VT-1	OWN	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 80069995 In Regards to Alloy 600/82/182 Industry Issues as per NEI letter dated 02/03/2004	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
058650	11 COLD LEG Thermal Welds	VT-2	OWN	Accept	VT-2 Bare Metal Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
092600	14-RH-1111-4	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
093300	14-RH-1111-11	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
093400	14-RH-1111-12	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Exam limitation due to Pipe Restraint
096750	10-SJ-1141-15	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage Due to Single Sided Access
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage Due to Single Sided Access
097200	10-SJ-1141-19	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
097300	10-SJ-1141-20	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
099100	10-SJ-1131-16	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
099200	10-SJ-1131-17	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
103500	10-SJ-1111-16	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage Due to Single Sided Access
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage Due to Single Sided Access
103900	10-SJ-1111-20	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 95% of code required coverage due to 1" pipe penetration.
104000	10-SJ-1111-21	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
109900	8-SJ-1152-6	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Page 6 of 24
Revision 1

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
110000	8-SJ-1152-7	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
110100	8-SJ-1152-8	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
110500	8-SJ-1152-12	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
110600	8-SJ-1152-13	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 95.68% of code required coverage due to 2" pipe penetration located 1.2" from toe of weld.
110700	8-SJ-1152-14	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
110800	8-SJ-1152-15	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
135100	3-SJ-1192-10	PT	ISI	Accept	Penetrant Examination performed by Framatome Personnel under W/O# 50059638	Examined weld and base metal for 4.25" of the 7.5" requirement due to adjacent weld.
135200	3-SJ-1192-11	PT	ISI	Accept	Penetrant Examination performed by Framatome Personnel under W/O# 50059638	Examined weld and base metal for 4.25" of the 7.5" requirement due to adjacent weld.
136100	2-SJ-1149-2FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
141500	2-SJ-1147-8FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
143700	2-SJ-1139-2FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
147900	2-SJ-1137-10FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
150400	2-SJ-1129-2FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
155500	2-SJ-1128-2FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Page 7 of 24
Revision 1

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
163100	2-SJ-1119-2FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
165800	2-SJ-1118-4FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
170700	1 1/2-SJ-1142-7FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
177100	1.5-SJ-1132-15FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
181100	1.5-SJ-1122-8FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
185900	1.5-SJ-1112-7FB	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
190800	11-PMP-BOLTS 1-24	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
191600	12-PMP-BOLTS 1-24	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
192400	13-PMP-BOLTS 1-24	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
192855	#13 RCP SHAFT	UT	OWN	Accept	Ultrasonic Examination performed by Wesdyne Personnel under W/O# 50059638	
193200	14-PMP-BOLTS 1-24	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
193655	#14 RCP SHAFT	UT	OWN	Accept	Ultrasonic Examination performed by Wesdyne Personnel under W/O# 50059638	
193798	1 RH 1 VB	VT-1	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
193905	11 SJ 156 VB	VT-1	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
194000	1 CV 77	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194100	1 CV 78	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194120	1 CV 2	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194140	1 CV 75	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194200	1 CV 79	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194300	1 CV 80	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194400	1 CV 274	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194500	1 CV 275	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194600	1 CV 277	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
194700	1 PR 1	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194800	1 PR 2	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
194900	1 PR 3	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
195000	1 PR 4	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
195100	1 PR 5	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
195200	1 PR 6	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
195300	1 PR 7	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
195400	1 PS 1	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
195500	1 PS 3	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
195600	1 PS 24	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
195700	1 PS 25	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
195800	1 PS 28	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
195900	1 PS 29	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
196000	1 RH 1	VT-2	AUG	Rejected	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	VT-2 examination noted leakage around flange notification# 20183815 was generated
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	VT-2 examination performed after repairs during class one walkdown and was found acceptable.
196100	1 RH 2	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
196200	1 RH 26	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
196300	1 SJ 12	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
196400	1 SJ 13	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
196500	1 SJ 135	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
196600	1 SJ 150	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
196900	11 SJ 40	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
197000	11 SJ 43	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
197100	11 SJ 49	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
197200	11 SJ 54	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
197250	1SJE-6	VT-2	OWN	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
197300	11 SJ 55	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
197400	11 SJ 56	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
197500	11 SJ 156	VT-2	AUG	Rejected	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	VT-2 examination noted leakage around flange notification# 20185500 was generated
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	VT-2 examination performed after repairs during class one walkdown and was found acceptable.
197800	12 SJ 40	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
197900	12 SJ 43	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
198000	12 SJ 49	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
198100	12 SJ 54	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
198150	1SJE-7	VT-2	OWN	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
198200	12 SJ 55	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
198300	12 SJ 56	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
198400	12 SJ 156	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
198700	13 RH 27	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
198800	13 SJ 43	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
198900	13 SJ 54	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
198950	1SJE-8	VT-2	OWN	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
199000	13 SJ 55	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
199100	13 SJ 56	VT-1	ISI	Accept	VT-1 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
		VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
199200	13 SJ 156	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
199500	14 RH 27	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
199600	14 SJ 43	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
199700	14 SJ 54	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
199750	1SJE-9	VT-2	OWN	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
199800	14 SJ 55	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
199900	14 SJ 56	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
200000	14 SJ 156	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
200100	11 SJ 388	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
200200	12 SJ 388	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
200300	13 SJ 388	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
200400	14 SJ 388	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
203601	11-STG-23	UT-61°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-46°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
203701	11-STG-24	UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 98.43% of code required coverage due to 2 weld pads and 4 nozzle penetrations.
		UT-61°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 98.43% of code required coverage due to 2 weld pads and 4 nozzle penetrations.
		UT-46°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 98.43% of code required coverage due to 2 weld pads and 4 nozzle penetrations.
210590	14-BF-2141-21	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
210605	16-BF-2141-1R3	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
227900	32-MS-2141-2PS-2	MT	ISI	Accept	Magnetic Particle Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 62% of code required coverage due to penetration obstructions and adjacent pipe.
230000	32-MS-2121-2PS-2	MT	ISI	Accept	Magnetic Particle Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 56% of code required coverage due to penetration obstructions and adjacent pipe.
263532	8-RH-2126-13	UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
263534	8-RH-2126-14	UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
263536	8-RH-2126-15	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
263540	8-RH-2126-17	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
263542	8-RH-2126-18	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
263544	8-RH-2126-19	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
279010	10-SW-2137-2	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
279210	10-SW-2119-2	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
279540	10-SW-2141-5	UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage due to single sided access due to flange.
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage due to single sided access due to flange.
		UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage due to single sided access due to flange.
279550	10-SW-2141-6	UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
279610	10-SW-2183-2	UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
279620	10-SW-2183-3	UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage due to single sided access due to flange.
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage due to single sided access due to flange.
		UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 50% of code required coverage due to single sided access due to flange.
279810	10-SW-2103-2	UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	
500360	1AFG-193	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
501235	1A-CCG-024	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
501540	1A-CCA-005-IA	VT-1	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
502985	1A-CVCS-502	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
502990	1A-CVCG-504	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505065	1C-PSH-001	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505155	1C-PRH-214	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505160	1C-PRG-215	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505350	1C-11RHA-005	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
505610	1A-11RHRH-010	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505655	1A-12RHRG-007	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505680	1A-12RHRH-012	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505720	1A-12RHRH-016	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505750	1A-11RHRA-009	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505825	1A-12RHRH-002	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
505965	1A-11RHRS-034	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
506330	1C-12SIG-153A	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
506700	1P-SIA-PS42	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
506725	1C-11SIS-151	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
507180	1P-SIA-PS41	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
507290	1C-11SIH-006	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
507610	1P-12SIH-031	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
508030	1A-SIG-214	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
508055	1A-SIG-219	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
508060	1A-SIA-220	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
508090	1A-SIH-227	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
508135	1P-SIS-012	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
508140	1P-SIS-006	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
511501	1CVE18-VS-1	PT	ISI	Accept	Penetrant Examination performed by Framatome Personnel under W/O# 50059638	
511505	1-CVE18	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
511506	1CVE18-SWIJ-1	UT-69°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 63.17% of code required coverage due to welded attachment and flange.
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 63.17% of code required coverage due to welded attachment and flange.
		UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 63.17% of code required coverage due to welded attachment and flange.
511507	1CVE18-SWIJ-2	UT-0°L	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 64% of code required coverage due to welded attachment.
		UT-45°S	ISI	Accept	Ultrasonic Examination performed by Framatome Personnel under W/O# 50059638	Examination limited to 64% of code required coverage due to welded attachment.
520080	1A-CCA-005	VT-3	ISI	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
932100	IVVI-202	VT-3	OWN	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
932150	IVVI-203	VT-3	OWN	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
932200	IVVI-204	VT-3	OWN	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
932250	IVVI-205	VT-3	OWN	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
933050	IVVI-301	VT-3	OWN	Accept	VT-3 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950000	SPT-1-RC-001	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	The following Notifications were generated 20190767 1SS107 Packing Leak, 20190562 1PS29 Packing leak, 20190546 1SS104 Packing leak, 20190542 1SS124 tubing leak.
950150	SPT-1-AF-003	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950225	SPT-1-BF-001	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950230	SPT-1-BF-002	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950235	SPT-1-BF-003	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950240	SPT-1-BF-004	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950260	SPT-1-CA-002	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950270	SPT-1-CA-003	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950400	SPT-1-CC-003	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950500	SPT-1-CC-005	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
950800	SPT-1-CS-004	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
950900	SPT-1-CV-002	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
951200	SPT-1-FP-001	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
951250	SPT-1-GB-001	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
951300	SPT-1-MS-001	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
951350	SPT-1-MS-002	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
951700	SPT-1-SA-002	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
951750	SPT-1-SF-001	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
951850	SPT-1-SJ-002	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
951900	SPT-1-SJ-003	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
952200	SPT-1-SJ-009	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
952250	SPT-1-SS-001	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
952450	SPT-1-SS-005	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
952500	SPT-1-SS-006	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
952550	SPT-1-SS-007	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
952600	SPT-1-SS-008	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	Notification # 20183567 was generated to document packing leak on 14SS-94 Valve
952650	SPT-1-SS-009	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
952700	SPT-1-SS-010	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
952750	SPT-1-SS-011	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
952850	SPT-1-SS-013	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
952900	SPT-1-SS-014	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
953000	SPT-1-SS-016	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
953300	SPT-1-SW-006	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	Notification# 20183565 was generated to document leakage at weld to pipe interface at valve 15SW-228
953450	SPT-1-SW-009	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
953750	SPT-1-SW-015	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
953800	SPT-1-SW-016	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
953850	SPT-1-SW-017	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
954150	SPT-1-SW-023	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
954250	SPT-1-SW-025	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
954500	SPT-1-SW-030	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
954655	SPT-1-SW-034	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
954750	SPT-1-VC-002	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
954950	SPT-1-VC-006	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
955100	SPT-1-WL-001	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
955200	SPT-1-WL-003	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
955250	SPT-1-WL-004	VT-2	ISI	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 50059638	
958010	NR-SPT-1-BR-001	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30076929	
958020	NR-SPT-1-CS-001	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30079563	
958030	NR-SPT-1-CS-002	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30049511	
958040	NR-SPT-1-CV-001	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30077493	
958050	NR-SPT-1-CV-002	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30077180	
958060	NR-SPT-1-CV-003	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30073177	Notification# 20180566 was generated to document 2 DPM leak on valve 1CV-299
958070	NR-SPT-1-CV-004	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30075840	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
958080	NR-SPT-1-CV-005	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30077387	
958090	NR-SPT-1-CV-006	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30071240	
958100	NR-SPT-1-CV-007	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30076959	
958110	NR-SPT-1-RH-001	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30078567	
958120	NR-SPT-1-RH-002	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30078518	
958130	NR-SPT-1-SI-001	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30078600	
958140	NR-SPT-1-SI-002	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30078584	
958150	NR-SPT-1-SI-003	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30078499	Notification# 20186882 was generated to document 1 DPM leak on valve 1SJ-178
958160	NR-SPT-1-SS-001	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30075676	Notification# 20178513 was generated to document Dried Boron on valve 1SS-33
958170	NR-SPT-1-SS-002	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30077565	
958180	NR-SPT-1-SS-003	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30076071	
958190	NR-SPT-1-SS-004	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30077212	
958200	NR-SPT-1-WG-001	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30093656	
958210	NR-SPT-1-WG-002	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30074795	

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
RFO #16 ISI Examination Results**

Sum#	Component ID	Exam Type	Code Required	Status	Outage Comments	Outage Remarks
958220	NR-SPT-1-WG-003	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30095232	
958230	NR-SPT-1-WG-004	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30076273	
958240	NR-SPT-1-WG-005	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30074996	
958250	NR-SPT-1-WG-006	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30075040	
958260	NR-SPT-1-WG-007	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30075542	
958265	NR-SPT-1-WG-008	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30075195	
958270	NR-SPT-1-WL-001	VT-2	AUG	Accept	VT-2 Visual Examination Performed By PSEG Personnel Under W/O# 30076290	

ENCLOSURE 4
(Pages – 33)

Form OAR-1, Table 1
SALEM NUCLEAR GENERATING STATION UNIT 1
RFO #16 IWE EXAMINATION RESULTS

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
820000	LNR-S1-QUAD-000A-078	QUADRANT A FROM 78 TO 100	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Containment Liner insulated 78' to 100', Notification 20184798 rust floor area.	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
820100	LNR-S1-QUAD-000B-078	QUADRANT B FROM 78 TO 100	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: EI.78', A13, Floor to liner, exposed rust through coated surface (medium), Rusting <Grade 7-2, Notification 20064308 generated previous Identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
820200	LNR-S1-QUAD-000C-078	QUADRANT C FROM 78 TO 100	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Containment Liner insulated 78' to 100', Notification 20184798 rust floor area.	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
820300	LNR-S1-QUAD-000D-078	QUADRANT D FROM 78 TO 100	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: EI.92' by Elevator, stairway landing, exposed Liner coated surface area has light rust. Rusting <Grade 7-2, Notification 20064308 generated previous Identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
820400	LNR-S1-QUAD-000A-100	QUADRANT A FROM 100 TO 130	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Containment Liner insulated 100' up to 110'. Above 110' liner has misc rust areas (<Grade 7-2) and paint is chipped Notification 20064308 generated Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
820500	LNR-S1-QUAD-000B-100	QUADRANT B FROM 100 TO 130	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: EI.110' Above SW FC pipe (13SW65) Debrl in area of inspection 4' x 1' high behind 1/2" piping that is cut off and abandoned. Loc. A13. Notification 20064308 generated previous Identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
820600	LNR-S1-QUAD-000C-100	QUADRANT C FROM 100 TO 130	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Containment Liner insulated 100' up to 110'. Above 110' liner has misc rust areas(<Grade 7-2) and paint is chipped off. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
820700	LNR-S1-QUAD-000D-100	QUADRANT D FROM 100 TO 130	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Containment Liner insulated 100' up to 110'. Above 110' liner has misc rust areas (<Grade 7-2) and paint is chipped off. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
820800	LNR-S1-QUAD-000A-130	QUADRANT A FROM 130 TO 218	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: EI.130' to EI.160' Behind Fan Coil Units Coating is chipped, light to medium rust (<Grade 7-2), and liner coated surfaces are stained. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
820900	LNR-S1-QUAD-000B-130	QUADRANT B FROM 130 TO 218	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: EI.130' to EI.160' Behind Fan Coil Units Coating is chipped, light to medium rust (<Grade 7-2), and liner coated surfaces are stained. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
821000	LNR-S1-QUAD-000C-130	QUADRANT C FROM 130 TO 218	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: EI.148' Next to Equipment Hatch Cover storage location. 2 studs 1/4" x 2 1/2" heavy rust attached to liner and 2 studs 1/4" x 1" heavy rust attached to liner, No recordable loss of metal Not. 20064412, generated previous Identified condition still exists. Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
821100	LNR-S1-QUAD-000D-130	QUADRANT D FROM 130 TO 218	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: EI.134', coming out of airlock to right past vent duct 4 1/4" studs protruding fr. Wall. Heavy rust but no measurable depth Not. 20064412, generated previous Identified condition still exists. Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
821200	LNR-S1-QUAD-000A-218	QUADRANT A FROM 218 TO 288	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Welded attachments to liner are rusted. Not. 20064412, generated previous Identified condition still exists. Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
821300	LNR-S1-QUAD-000B-218	QUADRANT B FROM 218 TO 288	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Welded attachments to liner are rusted. Not. 20064412, generated previous Identified condition still exists. Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
821400	LNR-S1-QUAD-000C-218	QUADRANT C FROM 218 TO 288	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Welded attachments to liner are rusted. Not. 20064412, generated previous Identified condition still exists. Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
821500	LNR-S1-QUAD-000D-218	QUADRANT D FROM 218 TO 288	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Welded attachments to liner are rusted. Not. 20064412, generated previous identified condition still exists. Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
821600	MBR-S1-QUAD-000A-078	QUAD A MOIST BAR 78 EL. 270/0 DEG	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: El. 78' to 90' from Pen 1-33 to 1-56 Insulation cover stained with rust and insulation hold down studs deteriorated and missing. Not. 20064417, generated previous identified condition still exists. Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
821700	MBR-S1-QUAD-000B-078	QUAD B MOIST BAR 78 EL. 0/90 DEG	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: El. 78' to 92', from Pen 1-4 to A11 insulation hold down studs deteriorated and missing. Not. 20064417, Order 60020583 WIP 04/23/04 for hold down stud issue, Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
821800	MBR-S1-QUAD-000C-078	QUAD C MOIST BAR 78 EL. 90/180 DE	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: El. 78' to 90', A15, 20' wide area insulation hold down studs deteriorated and missing Not. 20064417, generated previous identified condition still exists. Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
821900	MBR-S1-QUAD-000D-078	QUAD D MOIST BAR 78 EL. 180/270 DEG	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: general maintenance required for caulking, Not. 20064417, generated previous identified condition still exists. Nuts order 80028037 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
822000	PEN-S1-M-01	QUADRANT A MECH PEN AT 108 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coated area is peeling or no longer exists. No loss of metal is noted. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Medium rust, no measurable loss of metal. Not. 20064414, previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
822100	PEN-S1-M-02	QUADRANT B MECH PEN AT 108 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coated area is peeling or no longer exists. No loss of metal is noted. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Blistering rust > Grade 7-2(ASTM D 610), no measurable loss of metal. Not. 20064392, -previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
822200	PEN-S1-M-03	QUADRANT D MECH PEN AT 108 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coated area is peeling or no longer exists. No loss of metal is noted. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Medium rust, no measurable loss of metal. Not. 20064414, previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
822300	PEN-S1-M-04	QUADRANT C MECH PEN AT 108 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coated area is peeling or no longer exists. No loss of metal is noted. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
822400	PEN-S1-M-05	QUADRANT A MECH PEN AT 107 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coated area is peeling or no longer exists. No loss of metal is noted. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Medium rust, no measurable loss of metal. Not. 20064414, -previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
822500	PEN-S1-M-06	QUADRANT B MECH PEN AT 96 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Blistering rust > Grade 7-2 (ASTM D 610), no measurable loss of metal. Paint peeling on bottom. Not. 20064392 -previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
822600	PEN-S1-M-07	QUADRANT D MECH PEN AT 96 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
822700	PEN-S1-M-08	QUADRANT C MECH PEN AT 96 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Blistering rust > Grade 7-2 (ASTM D 610), no measurable loss of metal. Not. 20064392 -previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
822800	PEN-S1-M-09	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
822900	PEN-S1-M-10	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
823000	PEN-S1-M-11	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
823100	PEN-S1-M-12	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Blistering rust > Grade 7-2(ASTM D 610), no measurable loss of metal. Not. 20064392 -previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
823200	PEN-S1-M-13	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Blistering rust > Grade 7-2(ASTM D 610), no measurable loss of metal. Not. 20186505.
823300	PEN-S1-M-14	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
823400	PEN-S1-M-15	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
823500	PEN-S1-M-16	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
823600	PEN-S1-M-17	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
823700	PEN-S1-M-18	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
823800	PEN-S1-M-19	QUADRANT D MECH PEN AT 124 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Blistering rust > Grade 7-2(ASTM D 610), no measurable loss of metal. Not. 20064392 -previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17 Not. 20186622 Guard coat peeling off

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks: (1)	Outage Remarks: (2)
823900	PEN-S1-M-20	QUADRANT D MECH PEN AT 124 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Paint Peeling, Blistering rust > Grade 7-2(ASTM D 610), no measurable loss of metal. Not. 20064392 - previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17 Not. 20186622 Guard coat peeling off
824000	PEN-S1-M-21	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
824100	PEN-S1-M-22	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable, Not. 20186624 - GUARD COAT RUSTING/SCALING
824200	PEN-S1-M-23	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
824300	PEN-S1-M-24	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
824400	PEN-S1-M-25	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
824500	PEN-S1-M-26	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
824600	PEN-S1-M-27	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
824700	PEN-S1-M-28	QUADRANT A MECH PEN AT 70 EL.	MC				VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Inaccessible, Containment Sump	OUTSIDE CONTAINMENT: Inaccessible, Containment Sump
824800	PEN-S1-M-29	QUADRANT D MECH PEN AT 70 EL.	MC				VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Inaccessible, Containment Sump	OUTSIDE CONTAINMENT: Inaccessible, Containment Sump
824900	PEN-S1-M-30	QUADRANT A MECH PEN AT 50 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) SJ44 vlv room Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Page 11
Revision 0

Sum#	Component ID	Description	Asma Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
825000	PEN-S1-M-31	QUADRANT D MECH PEN AT 50 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) SJ44 vlv room Notification 20064308 generated previous Identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous Identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17
825100	PEN-S1-M-32	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Not. 20064308, Nuts order created, previous Identified condition still exists.	OUTSIDE CONTAINMENT: Acceptable
825200	PEN-S1-M-33	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous Identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
825300	PEN-S1-M-34	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous Identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
825400	PEN-S1-M-35	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous Identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
825500	PEN-S1-M-36	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT:EI.85', Stairwell by Elevator, Pen 1-36, Two pitted areas Identified. Neither have a depth greater than 1/16" deep and are from existng welding that was performed on the penetration	OUTSIDE CONTAINMENT: Acceptable

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
825600	PEN-S1-M-37	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
825700	PEN-S1-M-38	QUADRANT D FUEL TRANS TUBE AT 91 EL.	MC				VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Inaccessible, requires removal of Concrete Plug	OUTSIDE CONTAINMENT: Inaccessible, requires removal of Concrete Plug
825750	PEN-S1-M-38-BLIND FLANGE	QUADRANT D FUEL TRANS TUBE AT 91 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: No recordable findings	OUTSIDE CONTAINMENT: Acceptable
825800	PEN-S1-M-39	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Paint Peeling, Blistering rust < Grade 7-2 (ASTM D 610), no measurable loss of metal. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17 Not. 20186625 Guard coat peeling off
825900	PEN-S1-M-40	QUADRANT D MECH PEN AT 124 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
826000	PEN-S1-M-41	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
826100	PEN-S1-M-42	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
826200	PEN-S1-M-43	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
826300	PEN-S1-M-44	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water Insulation
826400	PEN-S1-M-45	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water Insulation
826500	PEN-S1-M-46	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water Insulation
826600	PEN-S1-M-47	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water Insulation

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Page 14
Revision 0

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
826700	PEN-S1-M-48	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water insulation
826800	PEN-S1-M-49	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water insulation
826900	PEN-S1-M-50	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water insulation
827000	PEN-S1-M-51	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water insulation
827100	PEN-S1-M-52	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water insulation
827200	PEN-S1-M-53	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water insulation

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
827300	PEN-S1-M-54	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable Service water insulation
827400	PEN-S1-M-55	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
827500	PEN-S1-M-56	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable, Not. 20186627 Guard coat is scaling in areas
827600	PEN-S1-M-57	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
827700	PEN-S1-M-58	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Not. 20064309, generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17 4 nuts/ threads not fully engaged Not.20187586 generated	OUTSIDE CONTAINMENT: Acceptable
827800	PEN-S1-M-59	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
827900	PEN-S1-M-60	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
828000	PEN-S1-M-61	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
828100	PEN-S1-M-62	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Blistering rust < Grade 7-2(ASTM D 610), no measurable loss of metal. Not. 20064308, Not. 20186629 Guard coating is loss in areas and rusting
828200	PEN-S1-M-63	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable, Not. 20186628 Guard coating is loss in areas and rusting
828300	PEN-S1-M-64	QUADRANT D FUEL TRANS TUBE AT 91 EL.	MC				VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: NWS(not in IWE program)	OUTSIDE CONTAINMENT: NWS(Not within scope of IWE)
828400	PEN-S1-M-65	QUADRANT D MECH PEN AT 91 EL.	MC				VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: NWS(not in IWE program)	OUTSIDE CONTAINMENT: NWS(Not within scope of IWE)
828500	PEN-S1-M-66	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
828600	PEN-S1-M-67	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17.	OUTSIDE CONTAINMENT: Acceptable
828700	PEN-S1-M-68	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
828800	PEN-S1-M-69	QUADRANT D MECH PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
828900	PEN-S1-M-70	QUADRANT D MECH PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
829000	PEN-S1-M-71	QUADRANT D MECH PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable
829200	PEN-S1-E-01	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire shielding

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
829300	PEN-S1-E-02	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
829400	PEN-S1-E-03	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17.	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
829500	PEN-S1-E-04	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
829600	PEN-S1-E-05	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
829700	PEN-S1-E-06	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17
829800	PEN-S1-E-07	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Acceptable.
829900	PEN-S1-E-08	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17.	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire shielding
830000	PEN-S1-E-09	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17
830100	PEN-S1-E-10	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: No recordable findings	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
830200	PEN-S1-E-11	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Elec. Pen 1-11, Electrical Protective Cover Is off; Pen surface has light rust, no measurable loss of metal noted. Not.20064590, Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17
830300	PEN-S1-E-12	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17
830400	PEN-S1-E-13	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17
830500	PEN-S1-E-14	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire sheilding
830600	PEN-S1-E-15	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire sheilding

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
830700	PEN-S1-E-16	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
830800	PEN-S1-E-17	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
830900	PEN-S1-E-18	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
831000	PEN-S1-E-19	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks: (1)	Outage Remarks: (2)
831100	PEN-S1-E-20	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17
831200	PEN-S1-E-21	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17
831300	PEN-S1-E-22	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17
831400	PEN-S1-E-23	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire shielding
831500	PEN-S1-E-24	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
831600	PEN-S1-E-25	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
831700	PEN-S1-E-26	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
831800	PEN-S1-E-27	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
831900	PEN-S1-E-28	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
832000	PEN-S1-E-29	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire shielding

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
832100	PEN-S1-E-30	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal. Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
832200	PEN-S1-E-31	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
832300	PEN-S1-E-32	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Elec. Pen 1-32, Electrical Protective Cover is off; Pen surface has dark rust, no measurable loss of metal noted. Not. 20062731. Closed with no additional follow up required. Not. 20064590 -previous identified condition still exsts. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
832400	PEN-S1-E-33	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Acceptable.
832500	PEN-S1-E-34	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asma Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
832600	PEN-S1-E-35	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
832700	PEN-S1-E-36	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
832800	PEN-S1-E-37	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
832900	PEN-S1-E-38	QUADRANT -A- ELECT PEN AT 88- EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
833000	PEN-S1-E-39	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17
833100	PEN-S1-E-40	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17
833200	PEN-S1-E-41	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire sheilding
833300	PEN-S1-E-42	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17
833400	PEN-S1-E-43	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451generated to initiate NUCM for Implimentation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire sheilding

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
833500	PEN-S1-E-44	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
833600	PEN-S1-E-45	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
833700	PEN-S1-E-46	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
833800	PEN-S1-E-47	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asma Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
833900	PEN-S1-E-48	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
834000	PEN-S1-E-49	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
834100	PEN-S1-E-50	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
834200	PEN-S1-E-51	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
834300	PEN-S1-E-52	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
834400	PEN-S1-E-53	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17
834500	PEN-S1-E-54	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Insulation, acceptable
834600	PEN-S1-E-55	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Insulation, acceptable
834700	PEN-S1-E-56	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implimentation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
834800	PEN-S1-E-57	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17
834900	PEN-S1-E-58	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-1	Accept	VT-1 Preservice visual examination on new bolt was performed under order# 50059638	INSIDE CONTAINMENT: Acceptable.	OUTSIDE CONTAINMENT: Acceptable.
834900	PEN-S1-E-58	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal. Stud #3,10,11,12 not fully engaged, Stud # 4 Painted red (non-nuke) and B8 mat'l. Not 20186514, weld area not coated - has light rust
835000	PEN-S1-E-59	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire sheilding
835100	PEN-S1-E-60	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for implementation during 1RF17

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
835200	PEN-S1-E-61	QUADRANT A ELECT PEN AT 85 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17
835300	PEN-S1-E-62	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire shielding
835400	PEN-S1-E-63	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire shielding
835500	PEN-S1-E-64	QUADRANT A ELECT PEN AT 90 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17
835600	PEN-S1-E-65	QUADRANT A ELECT PEN AT 88 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Coating < Grade 7-2 (ASTM D 610) Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implementation during 1RF17	OUTSIDE CONTAINMENT: Inaccessible, Covered by fire shielding

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
835700	ALK-S1-100-AIRLOCK	QUADRANT D MECH PEN AT 100 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Airlock 100' No recordable Issues	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implimentation during 1RF17
835800	ALK-S1-130-AIRLOCK	QUADRANT D MECH PEN AT 130 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Airlock 130' No recordable Issues	OUTSIDE CONTAINMENT: Minor paint chipping, no measurable loss of metal Notification 20064308 generated previous identified condition still exists. Nuts order 80028034 created, to perform eval. Notification 20199451 generated to initiate NUCM for Implimentation during 1RF17
835900	HCH-S1-130-EQ.HATCH	QUADRANT C EQUIPMENT HATCH AT 130 EL.	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Equipment Hatch Cover (14) bolting/nuts/washers – coating is chipped off of bolts; Only traces of coating appear on nuts. No rejectable items noted on the inspection of bolting/nuts/washers. Acceptable for continued use. Not.20064589. Order 60030902 WIP	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
836000	PNL-S1-242-1	EMBEDDED LEAK CHASE CHANNEL PANEL 242-1	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Accessible areas intact	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
836100	PNL-S1-243-1	EMBEDDED LEAK CHASE CHANNEL PANEL 243-1	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Accessible areas intact	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
836200	PNL-S1-244-1	EMBEDDED LEAK CHASE CHANNEL PANEL 244-1	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Accessible areas intact	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
836300	PNL-S1-343-1	TUBING FROM FUEL XFER TUBE TO PNL 343-1	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: Accessible areas intact	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.

**Salem Nuclear Generating Station, Unit 1
Containment ISI Program Long Term Plan
RFO #16 IWE Examination Results**

Sum#	Component ID	Description	Asme Class	NDE Method	NDE Type	Status	Comments	Outage Remarks (1)	Outage Remarks (2)
836400	ALK-S1-100-TUBING	100 AIRCOCK TEST TUBING	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: No recordable findings	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.
836500	ALK-S1-130-TUBING	130 AIRCOCK TEST TUBING	MC	Visual	VT-G	Accept	VT-G Visual Examination Performed Under Order# 50059638	INSIDE CONTAINMENT: No recordable findings	OUTSIDE CONTAINMENT: No outside examination performed this exam can only be performed from inside containment.

ENCLOSURE 5
(Pages – 1)

Form OAR-1, Table 1
SALEM NUCLEAR GENERATING STATION, UNIT 1
RFO#16 FLYWHEEL EXAMINATION RESULTS

**Salem Nuclear Generation Station, Unit 1
ISI Program Long Term Plan
RFO #16 Flywheel Examination Results**

Sum#	Component ID	Description	NDE Method	NDE Type	Status	Comments	Outage Remarks
001000	1S-75P790	#14 RCP Motor Flywheel	Volumetric	UT	Accept	Ultrasonic examination performed by Framatome under order# 50059638	Examined while at the #14 RCP Positioned
003000	3S-75P790	#11 RCP Motor Flywheel	Volumetric	UT	Accept	Ultrasonic examination performed by Framatome under order# 50059638	Examined while at the #11 RCP Positioned
009000	1S-D003	#12 RCP Motor Flywheel	Volumetric	UT	Accept	Ultrasonic examination performed by Framatome under order# 50059638	Examined while at the #12 RCP Positioned
004000	4S-75P790	#13 RCP Motor Flywheel	Volumetric	UT	Accept	Interval Ultrasonic examination performed by Framatome At the Framatome Facility during RCP Motor rebuild under order# 50059638	Examined performed on spare RCP pump and installed at #13 RCP Positioned
004000	4S-75P790	#13 RCP Motor Flywheel	Surface	MT	Accept	Interval Ultrasonic examination performed by Framatome At the Framatome Facility during RCP Motor rebuild under order# 50059638	Examined performed on spare RCP pump and installed at #13 RCP Positioned
004000	4S-75P790	#13 RCP Motor Flywheel	Surface	PT	Accept	Interval Ultrasonic examination performed by Framatome At the Framatome Facility during RCP Motor rebuild under order# 50059638	Examined performed on spare RCP pump and installed at #13 RCP Positioned

ENCLOSURE 6
(Pages – 1)

**Form OAR-1, Table 1
SALEM NUCLEAR GENERATING STATION, UNIT 1
ISI LONG TERM PLAN INSERVICE INSPECTION
SUMMARY FOR THIRD INTERVAL**

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan**

**Table 1 Inservice Inspection Examination Summary For The Third Interval
ASME 1998 Code Edition - 2000 Addenda**

Examination Category	Population	Total Required for Interval	PERIOD 1		PERIOD 2		PERIOD 3		Total Exam % Credited to Date for Interval	Remarks
			Total Exams Credited for This Period	Total Exam % Credited for This Period	Total Exams Credited for This Period	Total Exam % Credited for This Period	Total Exams Credited for This Period	Total Exam % Credited for This Period		
B-A	29	29	1	4%	0	0%	0	0%	4%	See Note #1
B-B	8	5	1	20%	0	0%	0	0%	20%	See Note #4
B-D	33	30	4	13%	0	0%	0	0%	13%	See Note #2
B-G-1	12	8	0	0%	0	0%	0	0%	0%	See Note #1
B-G-2	83	83	30	36%	0	0%	0	0%	36%	
B-K	62	13	7	54%	0	0%	0	0%	54%	
B-L-1	4	1	1	25%	0	0%	0	0%	25%	See Note#1 & Note #4
B-L-2	4	1	0	0%	0	0%	0	0%	0%	See Note#3 & Note #4
B-M-1	2	1	0	0%	0	0%	0	0%	0%	See Note#1 & Note #4
B-M-2	30	4	4	14%	0	0%	0	0%	14%	See Note#3 & Note #4
B-N-1	3	3	1	34%	0	0%	0	0%	34%	
B-N-2	1	1	0	0%	0	0%	0	0%	0%	See Note #1
B-N-3	14	14	0	0%	0	0%	0	0%	0%	See Note #1
B-O	1	1	0	0%	0	0%	0	0%	0%	See Note #1
B-P	3	3	3	100%	0	0%	0	0%	100%	
B-P/C-H	2	2	2	100%	0	0%	0	0%	100%	
C-A	55	21	8	38%	0	0%	0	0%	38%	See Note #4
C-B	22	8	2	25%	0	0%	0	0%	25%	See Note #4
C-C	251	31	12	38%	0	0%	0	0%	38%	See Note #4
C-D	9	2	1	50%	0	0%	0	0%	50%	See Note #4
C-G	24	3	1	33%	0	0%	0	0%	33%	See Note #4
C-H	57	171	57	33%	0	0%	0	0%	33%	
C-H/D-B	4	12	4	33%	0	0%	0	0%	33%	
D-A	217	33	13	39%	0	0%	0	0%	39%	
D-B	52	156	52	33%	0	0%	0	0%	33%	
F-A	1842	307	108	35%	0	0%	0	0%	35%	
R-A	3125	160	49	31%	0	0%	0	0%	31%	

Notes

- 1) Deferral Permissible
 B-A B-G-1
 B-E B-L-1
 B-N-2 B-O
 B-M-1 B-N-3

- 2) Ref. Table IWB-2500-1, Exam Category B-D, Program (B) Note 2

- 3) To Be Examined Only If Disassembled for Maintenance, Repair or Volumetric Exam. (Reference- ISI Program)

- 4) For multiple pumps, valves, and vessels of similar design, service, and function only one of the multiple components shall be selected for examination.

ENCLOSURE 7
(Pages -1)

Form OAR-1, Table 1
SALEM NUCLEAR GENERATING STATION UNIT 1
IWE/IWL EXAMINATION SUMMARY FOR THE FIRST INTERVAL

**Salem Nuclear Generating Station, Unit 1
ISI Program Long Term Plan
IWE / IWL Examination Summary for the 1st Interval, 2nd Period**

ASME 1998 Code Edition No Addenda

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 Exam % Credited for This Period	Total Exams Credited for This Period	Total Exam % Credited for This Period	Total Exams Credited for This Period	Total Exam % Credited for This Period		
E-A	161	465	155	33%	155	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 8

(Pages – 1)

**Form OAR-1, Table 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS
THAT REQUIRED
EVALUATION FOR CONTINUED SERVICE**

S1RFO#16

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

Examination Category	Item Number	Item Description	Flaw Characterization	Flaw or Relevant Condition Found: During Scheduled Section XI Examination or Test (Yes or No)
----------------------	-------------	------------------	-----------------------	---

DURING SALEM 1 RFO #16 THERE WERE NO ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE

ENCLOSURE 9
(Pages – 1)

Form OAR-1, Table 3
ABSTRACT OF REPAIRS, REPLACEMENTS OR
CORRECTIVE MEASURES
REQUIRED FOR CONTINUED SERVICE

S1RFO#16

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

For the period 11/6/2002 to 06/03/2004

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	
						RR Plan	CJP#
2	Replaced	11 RHR Heat Exchanger S1RHG-1RHE3	Replacement of Bolting Materials	No	Open	60031566	70029088
3	Corrective Measure-Analyzed	Component Cooling Variable Support S1CC-1CCH-22	Use-As-Is Evaluation	No	Replacement Scheduled for 1R18	60029891	70029984
3	Replaced	12 CC HX Drain Root Valve S1SW-12SW967	Replace Valve by Welding	No	4/28/04	60044863	70038815
3	Replaced	14 CFCU Motor Cooler SW Valve S1SW-14SW67	Replace Valve by Welding	No	5/11/04	60045222	70039282
3	Corrective Measure-Evaluation / Repair	Refueling Water Storage Tank S1SJ-1SJE5	Reanalysis of Pressure Boundary Repair Weep Hole	No	06/03/04	60042961	80068486