



ASME Code Case N-532-5

February 10, 2022

LR-N22-0013

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington DC 20555-0001

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

Subject: In-Service Inspection Activities — 90-Day Report

This letter submits the Owner's Activity Report for In-Service Inspection (ISI) activities conducted at the Salem Generating Station Unit 2 during the twenty-fifth refueling outage. This report is submitted in accordance with Code Case N-532-5 "Repair/Replacement Activity Documentation Requirements and In-Service Summary Report Preparation and Submission Section XI, Division 1," and within its ninety day reporting requirement.

Enclosure 1 to this letter contains the required Salem Unit 2 Owner's Activity Report.

There are no commitments contained in this letter.

Should you have any questions regarding this submittal, please contact Ms. Bernadette Humphrey at 856-339-1308.

Sincerely,

A handwritten signature in black ink, appearing to read "RJA", written over a horizontal line.

Richard J. DeSanctis  
Plant Manager- Salem  
Salem Generating Station

Enclosure

cc: USNRC -Administrator-Region 1  
USNRC -Licensing Project Manager-Salem  
USNRC Senior Resident Inspector  
Chief, NJBNE  
Salem Commitment Tracking Coordinator  
Corporate Commitment Tracking Coordinator  
Chief Inspector- Occupational Safety and Health  
Bureau of Boiler and Pressure Vessel Compliance

Enclosure 1  
LR-N22-0013

Salem Unit 2  
Owner's Activity Report — S2RFO25  
In Accordance With ASME  
Section XI Code Case N-532-5

# FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number S2RFO25

Plant Salem Generating Station

Unit No. 2 Commercial service date October 13, 1981 Refueling outage no. 25  
(if applicable)

Current inspection interval ISI - Fourth (4<sup>th</sup>), CISI - Third (3<sup>rd</sup>)

(1st, 2nd, 3rd, 4th, other)

Current inspection period ISI - Third (3<sup>rd</sup>), CISI - First (1<sup>st</sup>)

(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans ISI 2004 Edition, CISI 2013 Edition

Date and revision of inspection plans ISI Revision 6, August 2021, CISI Revision 0, February 2021

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans \_\_\_\_\_  
Same as ISI and CISI Plans

Code Cases used for inspection and evaluation: N-460, N-532-5, N-566-2, N-613-2, N-648-2, N-695-1, N-696-1, N-716-1, N-722-1, N-731, N-770-5, N-798, N-800 N-845 & N-854

(if applicable, including cases modified by Case N-532 and later revisions)

## CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of S2RFO25  
Conform to the requirements of Section XI. (refueling outage number)

Signed Edley T Giles / ISI Program Owner

Owner or Owner's Designee, Title

Date 01/31/2022

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford, Connecticut have inspected the items described in this Owner's Activity Report, 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 repair/replacement activities and evaluation 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.

Christopher M Miskin

Inspector's Signature

(National Board Number and Endorsement)

Commission NB 15537, A, N, I, R

Date 1/31/2022

# FORM OAR-1 OWNER'S ACTIVITY REPORT

**TABLE 1**  
**ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT**  
**REQUIRED EVALUATION FOR CONTINUED SERVICE**

Exam Category	Item Number	Item Description	Evaluation Description
N-770-5	B-2	Reactor Pressure Vessel No. 23 Cold Leg Nozzle to Safe-End Alloy 600 Weld (weld not mitigated)	ASME-IWB-3600 Acceptability Evaluation for inside diameter connected planar flaw, Order 70220273
B-N-3	B13.70	Reactor Pressure Vessel Lower Radial Support Clevis Assembly at 60°, two Clevis Insert Bolts degraded	Operability Assessment for Degraded Clevis Insert Bolts at Salem Unit 2, Order 70220082

**TABLE 2**  
**ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED**  
**SERVICE**

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
3	Through-wall leak identified on 3/8" stainless steel capillary tubing between panel 234 and root valve 22SJ24 caused by fretting.	Replaced 3/8" stainless steel capillary tubing at leak location.	10/22/2020	60147894
3	3/8" stainless steel instrument line to pressure gauge 2PL9283 was found broken off at its tie in connection at outlet of isolation valve 2SW340.	Replaced Valve 2SW340 and 3/8" stainless steel tubing to pressure gauge 2PL9283.	02/12/2021	60148597
MC	License Renewal inspection of containment liner beneath insulation system was found corroded just below design minimum wall thickness, not through wall.	Performed weld overlay of 6 inch by 6 inch area to restore liner plate to nominal thickness.	01/25/2022	60142730