



ASME Code Case N-532-5

LR-N17-0134

AUG 28 2017

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-second 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 Mr. Thomas Cachaza at 856-339-5038.

Sincerely,

 *RWDONIGHT FOR P. MARTINO.*

Patrick Martino
Plant Manager- Salem
Salem Generating Station

Enclosure

cc: Mr. D. Dorman, USNRC -Administrator-Region 1
Mr. R. Ennis, USNRC -Licensing Project Manager-Salem
Mr. P. Finney, USNRC Senior Resident Inspector
Mr. P. Mulligan, Chief, NJBNE
Mr. T. Cachaza, Salem Commitment Tracking Coordinator
Mr. L. Marabella, Corporate Commitment Tracking Coordinator
Mr. M. Washington, Chief Inspector- Occupational Safety and Health
Bureau of Boiler and Pressure Vessel Compliance

Enclosure 1
LR-N17-0134

Salem Unit 2
Owner's Activity Report — S2RFO22
In Accordance With ASME
Section XI Code Case N-532-5

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number S2RFO22

Plant Salem Generating Station

Unit No. 2 Commercial service date October 13, 1981 Refueling outage no. 22
(if applicable)

Current inspection interval ISI – Fourth (4th), CISI – Second (2nd)
(1st, 2nd, 3rd, 4th, other)

Current inspection period ISI – Second (2nd), CISI – Second (2nd)
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2004 Edition

Date and revision of inspection plans ISI Revision 2, February 2016 (CISI Revision 1, July 2015)

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

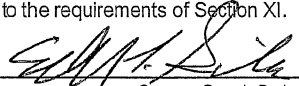
Code Cases used for inspection and evaluation: N-460, N-532-5 & N-706-1
(if applicable, including cases modified by Case N-532 and later revisions)

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 S2RFO22

Conform to the requirements of Section XI. (refueling outage number)

Signed



Owner or Owner's Designee, Title

Edley T Giles / ISI Program Owner

Date

8/14/17

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 of Hartford, CT 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

NB 15537, A, N, I, R

(National Board Number and Endorsement)

Date

8/14/2017

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
B-N-1	B13.10	Reactor Pressure Vessel Lower Radial Support Clevis Assembly at 60°, two Clevis Insert Bolts were identified as degraded	Operability Assessment for As-Found Clevis Insert Bolts at Salem Unit 2 and Postulated Condition at Salem Unit 1 - Order 70193788

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

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
2	Section XI Augmented Surface examination revealed surface indications that exceeded acceptance criteria on 12" Residual Heat Removal system piping due to Chloride Stress Corrosion Cracking	Replaced 12" Residual Heat Removal Piping from 2RH26 to Containment Penetration #16	06/03/2017	60130174
3	Service Water leakage was identified in 0.375" stainless steel tubing and weld for the 22SW75 22 CFCU Outlet Flow Transmitter, <1 dpm	Replaced 0.375" stainless tubing and fittings to 22SW75 flow transmitter	10/13/2016	60127558
3	Service Water leak directly downstream of valve 2SW446 on 0.250" stainless steel tubing off of 25 CFCU outlet piping.	Replaced 0.250" stainless tubing and fittings to 2SW446	9/24/2016	60131369
1	Reactor Vessel Internals Baffle-Former Bolt 100% Visual and Ultrasonic (UT) examinations (832 Bolts), UT examinations identified 9 degraded bolts	Replaced 9 degraded Baffle-Former Bolts and an additional 120 anti-cluster Baffle-Former Bolts	06/03/2017	60130323
1	No. 21 Steam Generator Tubing Eddy Current Inspections	A total of 4 tubes were repaired, (3 tubes plugged, 1 tube plugged and stabilized)	05/28/2017	50169603
1	No. 22 Steam Generator Tubing Eddy Current Inspections	A total of 3 tubes were repaired, (3 tubes plugged)	05/28/2017	50169660
1	No. 23 Steam Generator Tubing Eddy Current Inspections	A total of 5 tubes were repaired, (3 tubes plugged, 2 tubes plugged and stabilized)	05/28/2017	50169661
1	No. 24 Steam Generator Tubing Eddy Current Inspections	A total of 2 tubes were repaired, (1 tube plugged, 1 tube plugged and stabilized)	06/25/2017	50169657