



ASME Code Case N-532-5

August 10, 2022
LR-N22-0068

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

Salem Generating Station Unit 1
Renewed Facility Operating License DPR-70
NRC Docket No. 50-272

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 1 during the twenty-eighth 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 1 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 "R. DeSanctis", written in a cursive style.

Richard J. DeSanctis
Plant Manager- Salem
Salem Generating Station

Enclosure

LR-N22-0068

Page 2

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-N22-0068

Salem Unit 1
Owner's Activity Report — S1R28
In Accordance With ASME
Section XI Code Case N-532-5

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number S1R28

Plant Salem Generating Station

Unit No. 1 Commercial Service Date July 1, 1977 Refueling Outage no. 28
(If applicable)

Current Inspection Interval ISI – Fifth (5th), CISI – Third (3rd)
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period ISI – First (1st), CISI – First (1st)
(1st, 2nd, 3rd)

Edition and Addenda of Section XI Applicable to the Inspection Plans 2013 Edition, No Addenda


Date and Revision of Inspection Plans ISI(CISI) Revision 2, February 2022

Edition and Addenda of Section XI Applicable to Repair/Replacement Activities, if different than the Inspection Plans Same as ISI (CISI) Plan

Code Cases used for inspection and evaluation: N-532-5, N-716-1, N-729-6, N-805 & N-854

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 S1R28 Conform to the requirements of Section XI. (Refueling outage number)

Signed  Edley T Giles / ISI Program Owner Date 8/3/22
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and 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.

Daniel Caperton  Commission NB16247,N, I, R / NJ1238
Inspector's Signature (National Board Number and Endorsement)

Date 8/4/2022

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
none	none	none	none

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

Code Class	Item Description	Description of Work	Date Complete	Repair/Replacement Plan Number
1	Reactor Vessel Core Barrel Thermal Shield Support Block Bolt (TSSBB) degraded.	Prior S1R27 outage UT of TSSBB's identified one UT degraded (67 Right) and one non-testable (292 Left) TSSBB with one cycle evaluation order 70215189. Visual inspection of TSSBB's during S1R28 outage identified one additional visually degraded (292 Right) TSSBB. Replaced 4 TSSBB's, 292 degree location right and left and 67 degree location right and left.	05/09/2022	60148962
2	Pinhole leak at the weld between 1PL3610 3/8" stainless steel tubing and valve 1CV299 to 13 Charging Pump discharge pressure local Indication.	Replaced 3/8" stainless steel tubing between valve 1CV299 and 1PL3610.	11/08/2021	60151939
2	3/8" stainless steel tubing sheared at downstream side of valve 1CV299 recently replaced under order 60151939.	Replaced 3/8" stainless steel tubing between valve 1CV299 and first coupling.	03/10/2022	60153199
3	A through-wall ASME leak on cement lined 10" carbon steel service water bay strainer blowdown and bearing cooling outlet line.	Base Metal weld repair on 10" 45 degree carbon steel schedule 40 elbow.	06/06/2022	60149728
3	A through-wall ASME leak was identified on 3/4 inch carbon steel nipple off 12 chill water pump going to valve 12CH9.	Replaced 3/4 inch carbon steel nipple at upstream side of valve 12CH9.	02/24/2021	60148734
2	A through-wall ASME leak was identified on low side sensing line of transmitter 1FT523, the leak was at carbon steel panel penetration nipple.	Replaced carbon steel panel penetration nipple with stainless steel Union and 3/8 stainless steel tubing.	04/20/2021	60149499