

JAN 19 2012



LR-N11-0382

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington DC 20555-001

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

SUBJECT: Inservice Inspection Activities – 90-Day Report

This letter submits the Owners Activity Report for Inservice Inspection (ISI) activities conducted at the Salem Generating Station Unit No. 1 during the twenty-first refueling outage. This report is submitted in accordance with Code Case N-532-4 "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as required in Section XI, Division 1," and within its ninety (90) day reporting requirement.

Enclosure 1 to this letter contains the required Salem Unit 1 Owners Activity Report. There are no commitments contained in this letter.

Should you have any questions regarding this submittal, please contact C. M. Dahms at (856) 339-5456.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Fricker", written over the word "Sincerely,".

Carl J. Fricker
Site Vice President - Salem

Enclosures (1)

AD47
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JAN 19 2012

- C
- Mr. W. Dean, Administrator - Region I
 - Mr. R. Ennis, Project Manager – Salem
 - Mr. D. Schroeder, USNRC Senior Resident Inspector – Salem (X24)
 - Mr. P. Mulligan, NJBNE Manager IV
 - Mr. T. Cachaza, Commitment Tracking Coordinator Salem
 - Mr. L. Marabella, Corporate Commitment Tracking Coordinator
 - Mr. Milton Washington, Chief Inspector – Occupational Safety and Health
Bureau of Boiler and Pressure Vessel Compliance

Document Control Desk
Enclosure 1
LR-N11-0382

Salem Unit 1
Owners Activity Report – S1R21
In Accordance With ASME
Section XI and Code Case N-532-4

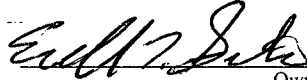
FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number **S1RFO21**
Owner **PSEG Nuclear LLC, PO Box 236, Hancocks Bridge, NJ 08038**
Plant **Salem Generating Station** Unit No. **1**
Commercial
Service Date **July 1, 1977** Refueling Outage No. **21**
Current Inspection Interval **ISI - Fourth (4th) {CISI - Second (2nd)}**
Current Inspection Period **ISI - First (1st) {CISI - First (1st)}**
Edition and Addenda of Section XI Applicable to the inspection plan **ISI and CISI - 2004 Edition**
Date and revision of inspection plan **ISI - May 2011, Revision 0 {CISI - October 2010, Revision 0}**
Code Cases used **N-532-4, N-706-1, N-722-1, N-770-1 & N-460**

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 S1RFO21 conform to the requirements of Section XI.

Signed



Edley T. Giles / ISI Program Manager

12/5/2011

Owner or Owner's Designee, Title

Date

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 April 30, 2010 to November 22, 2011, 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.

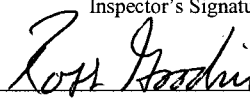
Ross Goodwin

Commissions NB 14086 A,N,I NJ955

Inspector's Signature

National Board, State, Province, and Endorsements

Date

 12/14/11

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	

**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 tubing leaks on Main Steam tubing upstream of the valves 21/23MS227	Replaced all degraded tubing in-kind	10/13/2010	60089251
3	2SW120 flanges degraded	Valve required welding and machining of all three flange faces.	06/10/2010	60090649
3	Leak occurred at weld on 2"x2"x3/4" TEE on F-3164 (S2SW -2SWE250)	Excavated defect and performed weld repair	07/07/2010	60090841
2	Through wall leak (RCP seal injection return line) at inlet weld on 4" 1CV284	Replaced valve 1CV284 and some 4" piping on both sides of valve.	07/22/2010	60091094
3	3/8" tubing leak downstream of 1SW167	Replaced welded tubing and fittings on instruments lines with Swagelok fittings	01/05/2011	60093303
2	3/8" BIT Flow Instrument tubing leak at 1SJ169	Replaced welded tubing and fittings on instruments lines with Swagelok fittings	03/07/2011	60095167
3	Leak at 12SW823 Test Connection	Replaced tubing	06/29/2011	60093312
3	Tubing leak at 16SW226	Replaced welded flange assembly	06/02/2011	60096936
3	Tubing leak at 1PD2803	Repaired tubing	08/16/2011	60098244
3	Tubing leak at 11SW237	Repaired tubing	08/17/2011	60098224 60098341