



August 6, 2008
LR-N08-0174

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

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

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. 2 during the sixteenth refueling outage. This report is submitted in accordance with Code Case N-532-1 "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission Section XI, Division 1," and within its ninety (90) day reporting requirement.

Enclosure 1 to this letter contains the required Salem Unit 2 Owners Activity Report.

Should you have any questions regarding this submittal, please contact E. H. Villar at (856) 339-5456.

Sincerely,

A handwritten signature in black ink, appearing to be "R. Braun", written over a horizontal line.

Robert Braun
Site Vice President - Salem

Enclosures (1)

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L.L.C.

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USNRC Senior Resident Inspector – Salem (X24)

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Bureau of Boiler and Pressure Vessel Compliance
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Nuclear Regulatory Commission
Enclosure 1
LR-N08-0174

Salem Unit 2
Owners Activity Report – S2R16
In Accordance With ASME
Section XI Code Case N-532-1

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number S2RFO16
Owner PSEG Nuclear LLC, PO Box 236, Hancocks Bridge, NJ 08038
Plant Salem Generating Station
Unit No. 2 Commercial Service Date Oct. 31, 1981 Refueling Outage No. 16
Current Inspection Interval Third (3rd) {IWE/IWL (1st)}
Current Inspection Period Second (2nd) {IWE/IWL (3rd)}
Edition and Addenda of Section XI Applicable to the inspection plan 1998 Edition 2000 Addenda;
IWE and IWL - 1998 Edition, 1998 Addenda;
Appendix VIII examinations - 1995 Edition 1996 Addenda as amended by Final Rule
Date and revision of inspection plan 11/2003, Revision 0
Edition & Addenda of Section XI Applicable to repairs and replacements, if different than the inspection plan
ASME Class 1, 2 and 3 - 1998 Edition, 2000 Addenda; Class MC - 1992 Edition, 1992 Addenda
(Unless specifically identified in the individual repair plan)

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.

Certification of Authorization No. N/A Expiration Date N/A

Signed Edward J. Maloney Date July 29, 2008.
Edward J. Maloney Owner or Owner's Designee, Title PM/1/1/4

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 November 2, 2006 to May 08, 2008, 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.

Newton Smith Hewitt Commissions NB 6344 NIBSA NJ 431
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/31/08

TABLE 1 – ABSTRACT OF EXAMINATIONS AND TESTS

Exam Category	Total Examinations Required for the 3 rd Interval	Total Examinations Credited for the 2 nd Period	Total Examinations Credited (%) for the 2 nd Period	Total Examinations Credited (%) To Date for the 3 rd Interval	Remarks
B-A	21	0	0	0	3 rd Interval, 2 nd Period; See Note 1
B-B	5	1	20	40	3 rd Interval, 2 nd Period; See Note 5
B-D	30	3	10	27	3 rd Interval, 2 nd Period; See Note 2
B-G-1	14	4	29	57	3 rd Interval, 2 nd Period; See Note 1
B-G-2	84	17	20	60	3 rd Interval, 2 nd Period
B-K	7	1	14	43	3 rd Interval, 2 nd Period
B-L-1	1	0	0	0	3 rd Interval, 2 nd Period; See Note 1
B-L-2	1	0	0	0	3 rd Interval, 2 nd Period; See Note 3
B-M-1	1	0	0	100	3 rd Interval, 2 nd Period; See Note 1
B-M-2	8	2	25	38	3 rd Interval, 2 nd Period; See Note 3
B-N-1	8	0	0	20	3 rd Interval, 2 nd Period
B-N-2	1	0	0	0	3 rd Interval, 2 nd Period; See Note 1
B-N-3	13	0	0	0	3 rd Interval, 2 nd Period; See Note 1
B-O	1	0	0	0	3 rd Interval, 2 nd Period; See Note 1
B-P	10	1	10	50	3 rd Interval, 2 nd Period
C-A	18	0	0	28	3 rd Interval, 2 nd Period
C-B	7	1	14	14	3 rd Interval, 2 nd Period; See Note 6
C-C	27	0	0	30	3 rd Interval, 2 nd Period
C-D	2	0	0	0	3 rd Interval, 2 nd Period; See Note 7
C-G	3	0	0	33	3 rd Interval, 2 nd Period; See Note 8
C-H	155	39	25	55	3 rd Interval, 2 nd Period
D-A	32	1	3	38	3 rd Interval, 2 nd Period
D-B	171	50	29	63	3 rd Interval, 2 nd Period
F-A	318	7	2	31	3 rd Interval, 2 nd Period
R-A	185	25	14	44	3 rd Interval, 2 nd Period; See Note 4
IWE/IWL	1 st Interval	3 rd Period	3 rd Period	1 st Interval	
E-A	480	154	32	99	1 st Interval, 3 rd Period; See Note 9
L-A	558	0	0	67	1 st Interval, 3 rd Period;

Notes:

- 1) Deferral permissible for: B-A, B-E, B-G-1, B-L-1, B-M-1, B-N-2, B-N-3, B-O
- 2) Reference Table IWB-2500-1, Exam Category B-D, Program (B) Notes 2 and 5
- 3) To be examined only if disassembled for maintenance, repair or volumetric exam. Reference Table IWB-2500-1, Exam Category B-L-2, B-M-2, Note 2
- 4) Risk Informed was implemented in the second interval, third period, replacing ASME categories B-F, B-J, C-F-1, and C-F-2.
- 5) Reference Table IWB-2500-1, Exam Category B-B, Note 1
- 6) Reference Table IWC-2500-1, Exam Category C-B, Note 4
- 7) Reference Table IWC-2500-1, Exam Category C-D, Note 2
- 8) Reference Table IWC-2500-1, Exam Category C-G, Note 1
- 9) Inaccessible components will be examined when they become accessible.

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

No items with flaws or relevant conditions that required evaluation for continued service

Exam Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)

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

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 Completed	Repair/ Replacement Plan Number
3	Replacement	Valve Replace valve S2SW –2SW557	Replace valve S2SW –2SW557	No	1/17/08	60072485
3	Replacement	Instrument tubing to Valve S2SW –2SW449	Replace tubing	No	4/28/08	60076364
3	Replacement	Instrument tubing from Valve S2SW –2SW341	Replace tubing	No	12/2/07	60073579
3	Replacement	Instrument tubing from valve S2SW –25SW73	Replace tubing	No	12/5/06	60066216
3	Replacement	Instrument tubing leak on fan coil unit S2RM - 2RA9853	Replace tubing	No	3/28/07	60068328
2	Replacement	Rusted spring can hangers S2RHR-2RHRH21-16	Replace spring cans	No	4/24/08	60075919
2	Replacement	Instrument leak from valve S2CVC-2CV256	Replace tubing	No	6/3/07	60068724
2	Replacement	¾" Pipe leak upstream of valve S2CS-2CS61	Replace pipe	No	12/8/06	60066694
2	Replacement	¾" Pipe leak upstream of valve S2CC –2CC183	Replace pipe	No	4/25/08	60076062
2	Replacement/ Repair	Excessive corrosion on spool 2CC180	Weld build up and pipe spool replacement	No	4/24/08	60076064