

January 16, 2019

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

Peach Bottom Atomic Power Station (PBAPS) Unit 2
Renewed Facility Operating License No.
DPR-44 NRC Docket No. 50-277

Subject: Submittal of the InService Inspection (ISI) Owner's Activity Report (OAR)
for the 22nd Refueling Outage for Unit 2

Attached is the ISI Owner's Activity Report covering ISI activities associated with the third period of the 4th ISI inspection interval for Unit 2. This report is submitted pursuant to the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, "Rules for the Inservice Inspection of Nuclear Power Plant Components," Article IWA-6200, "Requirements" (2001 Edition through 2003 Addenda) and ASME Code Case N-532-5 (Repair/Replacement Activity Documentation Requirements and Inservice Inspection Summary Report Preparation and Submission, Section XI, Division 1).

If you have any questions or require additional information, please contact Bryce Sessions at 717-456-3863.

Sincerely,



Matthew J. Herr
Plant Manager
Peach Bottom Atomic Power Station

Attachment

cc: US NRC, Regional Administrator, Region 1
US NRC, PBAPS Senior Resident Inspector
R. R. Janati, Commonwealth of Pennsylvania
D. Tancabel, State of Maryland
B. Watkins, PSEG, Financial Control and Co-owner Affairs

CCN: 19-14

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number P2R22

Plant Peach Bottom Atomic Power Station, 1848 Lay Road, Delta, PA 17314

Unit No. 2 Commercial Service Date July 5, 1974 Refueling Outage Number 22
(If applicable)

Current Inspection Interval ISI = Fourth Inspection Interval / CISI = Second Inspection Interval

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

Current Inspection Period ISI = Third Inspection Period / CISI = Third Inspection Period

(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the Inspection Plans ASME Section XI 2001 Ed. through 2003 Add.

Date and Revision of Inspection Plans ISI Program Plan (PBT05.G03), Rev. 4 (9/2/2014), ER-PB-330-1001, Rev. 0 (9/18/2018)

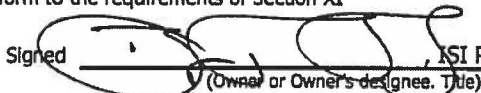
Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans Same as above

Code Cases used: N-432-1, N-460, N-504-4, N-508-4, N-513-3, N-513-4, N-516-3, N-517-1, N-526, N-528-1, N-532-5, N-552, N-552-1, N-561-2, N-562-2, N-566-2, N-578-1, N-586-1, N-597-2, N-600, N-606-1, N-613-1, N-613-2, N-624, N-629, N-638-4, N-638-6, N-639, N-641, N-648-1, N-651, N-652-1, N-652-2, N-653-1, N-661-2, N-666, N-666-1, N-685, N-686-1, N-695, N-696, N-700, N-702, N-705, N-730, N-730-1, N-733, N-735, N-747, N-751, N-753, N-762, N-765, N-769, N-769-2, N-773, N-786-1, N-789, N-798, N-800, N-803, N-805, N-823, N-845

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 P2R22 conform to the requirements of Section XI (refueling outage number)

Signed



(Owner or Owner's designee. Title)

ISI Program Owner (~~BOYLE SESSON~~)


Date

1/15/2019

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 The 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.



(Inspector's Signature)

Commissions

NA 13328 INR

(National Board Number and Endorsement)

Date

1/15/2019

TABLE 1

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

Examination Category	Examination Item Number	Item Description	Evaluation Description
N/A	N/A	N/A	N/A

TABLE 2

ABSTRACT OF ASME REPAIRS/REPLACEMENTS ACTIVITIES REQUIRED FOR CONTINUED SERVICE

FOR PEACH BOTTOM ATOMIC POWER STATION, UNIT NO. 2

11/11/16 TO 10/30/18

(END OF 2R22 REFUEL OUTAGE)

SYSTEM 01: Main Steam (MS)

				Flaw or Relevant Condition Found During Scheduled Section XI Exam	Date	R&R Plan # and W/O #
				Or Test	Complete	
Code	Repair, Replacement, or Corrective Measure	Item Description (component I.D.)	Description Of Work Performed	Or Test	Complete	R&R Plan # and W/O #
Class	Measure	(component I.D.)	Description Of Work Performed	Or Test	Complete	R&R Plan # and W/O #
1	Replacement	AO-2-01A-080B	Replacement of 1 stud and 2 nuts on AO-2-01A-080B	No	10/26/2018	18-021, 04329928
1	Replacement	AO-2-01A-080C	Replacement of 5 stud and 5 nuts on AO-2-01A-080C	No	10/26/2018	18-022, 04329928
2	Replacement	MS 4" Line	Cut and Cap 4" MS Line Upstream of MO-2469	No	10/25/2018	18-039, 04746115

SYSTEM 8: Off-Gas/Steam Jet Air Ejector

				Flaw or Relevant Condition Found During Scheduled Section XI Exam	Date	R&R Plan # and W/O #
				Or Test	Complete	R&R Plan # and W/O #
Code	Repair, Replacement, or Corrective Measure	Item Description (component I.D.)	Description Of Work Performed	Or Test	Complete	R&R Plan # and W/O #
Class	Measure	(component I.D.)	Description Of Work Performed	Or Test	Complete	R&R Plan # and W/O #
2	Replacement	HV-2-08A-43001A	Install new MS Isol Vlv for SJAE Train A	No	Not Completed ¹	18-045, 04762849

1. All associated work was not completed. IR #04211066 will track this work until completion and this repair will be included in the next OAR-1 cycle.

SYSTEM 65A: HYDRAULIC SNUBBERS

				Flaw or Relevant Condition Found During Scheduled Section XI Exam	Date	R&R Plan # and W/O #
				Or Test	Complete	R&R Plan # and W/O #
Code	Repair, Replacement, or Corrective Measure	Item Description (component I.D.)	Description Of Work Performed	Or Test	Complete	R&R Plan # and W/O #
Class	Measure	(component I.D.)	Description Of Work Performed	Or Test	Complete	R&R Plan # and W/O #
1	Replacement	SS-D-7	Replace hydraulic snubber SS-D-7	No	10/21/2018	18-082, 04765881

SYSTEM 65B: MECHANICAL SNUBBERS

				Flaw or Relevant Condition Found During Scheduled Section XI Exam	Date	R&R Plan # and W/O #
				Or Test	Complete	R&R Plan # and W/O #
Code	Repair, Replacement, or Corrective Measure	Item Description (component I.D.)	Description Of Work Performed	Or Test	Complete	R&R Plan # and W/O #
Class	Measure	(component I.D.)	Description Of Work Performed	Or Test	Complete	R&R Plan # and W/O #
1	Replacement	M-295-49-H2	Replace mechanical snubber M-295-49-H2	No	10/24/2018	18-046, 04761843
2	Replacement	10-GB-S-75	Replace mechanical snubber 10-GB-S-75	No	10/15/2018	18-048, 04762876
2	Replacement	10-GB-S-92	Replace mechanical snubber 10-GB-S-92	No	10/15/2018	18-053, 04763267