

January 29, 2020

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

Peach Bottom Atomic Power Station (PBAPS) Unit 3  
Renewed Facility Operating License No.  
DPR-56 NRC Docket No. 50-278

Subject: Submittal of the Inservice Inspection (ISI) Owner's Activity Report (OAR)  
for the 22<sup>nd</sup> Refueling Outage for Unit 3

Attached is the ISI Owner's Activity Report for the 22<sup>nd</sup> refueling cycle covering ISI activities that span the third period of the 4<sup>th</sup> ISI inspection interval and the first period of the 5<sup>th</sup> ISI inspection interval for Unit 3. This report is submitted in accordance with 10CFR 50.55a(b)(2)(xxxii); the ASME Section XI, Article IWA-6200; ASME Code Case N-532-4; and ASME Code Case N-532-5.

If you have any questions or require additional information, please contact Ben Jordan at 717-456-4583.

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: 20-15

**FORM OAR-1 OWNER'S ACTIVITY REPORT**

Report Number P3R22

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

Unit No. 3 Commercial Service Date December 23, 1974 Refueling Outage Number P3R22  
(if applicable)

Current Inspection Interval ISI = Fourth & Fifth Inspection Interval / CISI = Second & Third Inspection Interval  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, other)

Current Inspection Period Third & First Inspection Period (ISI and Containment ISI)  
(1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>)

Edition and Addenda of Section XI applicable to the Inspection Plans ASME Section XI 2001 Ed. w/2003 Add. (4<sup>th</sup> ISI/2<sup>nd</sup> CISI Interval), ASME Section XI 2013 Edition (5<sup>th</sup> ISI/3<sup>rd</sup> CISI Interval)

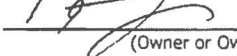
Date and Revision of Inspection Plans 4<sup>th</sup>/2<sup>nd</sup> Interval Plans, PBT05.G03 Rev. 4 (9/2/14), ER-PB-330-1001 Rev. 0 (8/30/18)  
5<sup>th</sup>/3<sup>rd</sup> Interval Plans, ER-PB-330-1001 Rev. 1 (12/13/18), Rev. 2 (10/3/19)

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-513-4, N-516-3, N-532-5, N-561-2, N-562-2, N-597-2, N-606-1, N-613-2, N-638-6, N-639, N-641, N-648-1, N-651, N-653-1, N-661-2, N-666-1, N-702, N-705, N-716-1, N-730-1, N-733, N-735, N-747, N-749, N-751, N-769-2, N-771, N-773, N-786-1, N-789, N-795, N-798, N-800, N-805, N-825, N-845

**CERTIFICATE OF CONFORMANCE**

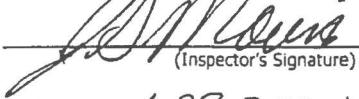
I certify that (a) the statements made in this report are correct; (b) the examinations and tests, meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of P3R22 conform to the requirements of Section XI (refueling outage number)

Signed  Benjamin Jordan, ISI Program Owner Date 1/28/2020  
(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 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.

 Commissions 14732 INR  
(Inspector's Signature) (National Board Number and Endorsement)

Date 1-28-2020

**TABLE 1**

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

Examination Category	Examination Item Number	Item Description	Evaluation Description
F-A	1.30C	Component support 1GG-H295 discovered with damaged ucar slide plate	As found condition evaluated by engineering under EC 629781 and determined to be acceptable with no corrective measures required.
F-A	1.30C	Component support 1GG-H291 discovered with damaged ucar slide plate	As found condition evaluated by engineering under ECR 443630 and determined to be bounded by EC 629781, no corrective measures required.
F-A	1.30C	Component support 32GB-H26 discovered with misalignment between pipe stanchion and spring can load plate	As found condition evaluated by engineering under EC 629854 and determined acceptable with no corrective measures required.
E-A	E1.12	Torus Pitting on Wetted Surfaces in Submerged Areas	As found condition evaluated by engineering under EC 629854 and determined acceptable with no corrective measures required. All areas were prepped and mitigated with a qualified Service Level 1 coating. All 7 locations also are E-C components and will be inspected during the next period.
E-G	E8.10	N-6 CRD Removal Hatch Bolting	As found condition evaluated by engineering under ECR 443720 and determined acceptable with no corrective measures required.

TABLE 2

ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

Code Class	Item Description	Description Of Work	Date Completed	Repair/Replacement Plan Number
1	AO-3-01A-80A Inboard MSIV	Replaced damaged studs/nuts	1/8/2020	19-041
1	AO-3-01A-086C Outboard MSIV	Replaced damaged studs/nuts	1/9/2020	19-039
3	33-HB ESW Piping	Replaced 33-HB piping due to raw water degradation	1/27/2020	19-066
MC	N-200A Torus Access Hatch	Replaced damaged studs/nuts	1/23/2020	19-014
MC	N-200B Torus Access Hatch	Replaced damaged studs/nuts	1/13/2020	19-015
1	CRD Cap Screw	Replaced 1 cap screw	1/28/2020	19-012