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January 31, 2019

L-19-010

10 CFR 50.55a(g)

ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001**SUBJECT:****Beaver Valley Power Station, Unit No. 2
Docket No. 50-412, License No. NPF-73
Twentieth Refueling Outage Inservice Inspection Summary Report**

In accordance with 10 CFR 50.55a, "Codes and standards," and the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code) Case N-532-5, "Repair/Replacement Activity Documentation Requirements and Inservice Inspection Summary Report Preparation and Submission, Section XI, Division 1," enclosed please find the inservice inspection owner's activity report for examinations performed prior to and during the twentieth refueling outage at Beaver Valley Power Station, Unit No. 2 (BVPS-2).

Inservice inspection activities addressed in the report were performed during the third period of the third ten-year interval and first period of the fourth ten-year interval in accordance with Section XI of the ASME Code, 2001 Edition, 2003 Addenda for third interval activities, and 2013 Edition for fourth interval activities. The inservice inspection term at BVPS-2 covered by this report includes the period from May 22, 2017 to November 14, 2018.

There are no regulatory commitments included in this submittal. If there are any questions or if additional information is required, please contact Mr. Phil H. Lashley, Acting Manager – Nuclear Licensing and Regulatory Affairs, at (330) 315-6808.

Sincerely,



Richard D. Bologna

Enclosure: Beaver Valley Power Station, Unit No. 2, Twentieth Refueling Outage
Inservice Inspection Owner's Activity Reportcc: NRC Region I Administrator
NRC Resident Inspector
NRC Project Manager
Director BRP/DEP
Site BRP/DEP Representative

Enclosure
L-19-010

Beaver Valley Power Station, Unit No. 2
Twentieth Refueling Outage Inservice Inspection Owner's Activity Report

(2 pages follow)

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number BV2-OAR1-2R20

Plant Beaver Valley Power Station

Unit No. 2 Commercial Service Date November 17, 1987 Refueling Outage No. 2R20
(if applicable)

Current Inspection Interval 3rd and 4th (4th interval start date was August 29, 2018)
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period 3rd and 1st (1st period started with the 4th interval)
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plan 2001 Edition/ 2003 Addenda (3rd interval)
and 2013 Edition (4th interval)


Date and Revision of inspection plans 4/23/18, ADM-2039, Rev 17 (3rd Interval); 8/29/18, ADM-2039, Rev. 18 (4th interval)

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

Code Case Used: N-532-5, N-722-1, N-729-4, N-770-2, and N-716-1
(if applicable, including cases modified by Case N-532 and later revisions)

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 completion of 2R20 conform to the requirements of Section XI. (refueling outage number)

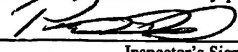
Signed  Date 1/28/19
L. Seaman, ISI Program Engineer

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 of Hartford, have inspected the items described in the Inspection and Insurance Company Connecticut

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.

 P. Bolbrich Commission NB NB 15908 NI
Inspector's Signature (National Board Number and Endorsement)

Date 1/28/2019

TABLE 1
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION
FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
None	N/A	N/A

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

Code Class	Item Description	Description of Work	Date Completed (1)	Repair/Replacement Plan Number
1	Reactor Head Control Rod Drive Mechanism Nozzle Number 27	Weld overlay repair applied per approved relief request 2-TYP-4-RV-04	12/12/2018	4131

Notes:

- (1) "Date Completed" is the date that the Repair Replacement Plan final signature was applied. This date may be after the end of the reporting period for work that was physically completed within the reporting period.
- (2) Steam Generator activities are reported under separate correspondence in Technical Specification required reports.