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July 23, 2018
L-18-176

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. 1
Docket No. 50-334, License No. DPR-66
Twenty-Fifth 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 twenty-fifth refueling outage at Beaver Valley Power Station, Unit No. 1 (BVPS-1).

Class 1, 2, 3, and IWE component inservice inspection examinations addressed in the report are part of the BVPS-1 third period of the fourth ten-year interval and were performed in accordance with Section XI of the ASME Code, 2001 Edition, 2003 Addenda. The inservice inspection term at BVPS-1 covered by this report includes the period from October 26, 2016 to May 10, 2018.

There are no regulatory commitments included in this submittal. If there are any questions or if additional information is required, please contact Mr. Thomas A. Lentz, Manager – Nuclear Licensing and Regulatory Affairs, at (330) 315-6810.

Sincerely,

Richard D. Bologna

Enclosure: Beaver Valley Power Station, Unit No. 1, Twenty-Fifth Refueling Outage Inservice Inspection Owner's Activity Report

cc: NRC Region I Administrator
NRC Resident Inspector
NRC Project Manager
Director BRP/DEP
Site BRP/DEP Representative

Enclosure
L-18-176

Beaver Valley Power Station, Unit No. 1
Twenty-Fifth Refueling Outage Inservice Inspection Owner's Activity Report

(2 pages follow)

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number BV1-OAR1-1R25

Plant Beaver Valley Power Station

Unit No. 1 (if applicable) Commercial Service Date September 30, 1976 Refueling Outage No. 1R25

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

Current Inspection Period 3rd (1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plan 2001 Ed. / 2003 Add.

Date and Revision of inspection plans April 23, 2018, 1/2 -ADM-2039, Rev. 17

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-566-2, N-789, N-798, N-800, N-722-1, N-729-4, and N-770-2
(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 1R25 (refueling outage number) conform to the requirements of Section XI.

Signed L. Seaman-ISI Program Owner Date June 27, 2018
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 of Hartford, Connecticut have inspected the items described in the 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 15908 NI
Inspector's Signature (National Board Number and Endorsement)

Date June 27, 2018

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

Examination Category and Item Number	Item Description	Evaluation Description
None	None	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	WR-20	Replaced section of pipe which contained an N-789 pad reinforcement.	5/10/2018	3986
3	1RS-E-1C	Plugged tube and seal welded diaphragm.	5/11/2018	4014
3	1RS-E-1B	Plugged tube.	5/11/2018	4085