



FirstEnergy Nuclear Operating Company

Beaver Valley Power Station
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Site Vice President

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August 18, 2017
L-17-240

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
Nineteenth 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 Section XI, Article IWA-6000, "Records and Reports," and ASME Code Case N-532-5, enclosed please find the inservice inspection summary report for examinations performed prior to and during the nineteenth refueling outage at Beaver Valley Power Station, Unit No. 2 (BVPS-2).

Class 1, 2, 3, and IWE component inservice inspection examinations addressed in the report are part of the BVPS-2 third period of the third ten-year interval and were performed in accordance with Section XI of the ASME Boiler and Pressure Vessel Code, 2001 Edition, 2003 Addenda. The inservice inspection term at BVPS-2 covered by this report includes the period from October 31, 2015 to May 21, 2017

There are no regulatory commitments contained in this submittal. If there are any questions or if additional information is required, please contact Mr. Thomas A. Lentz, Manager - Fleet Licensing, at 330-315-6810.

Sincerely,

Richard D. Bologna

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Enclosure:

Beaver Valley Power Station, Unit No. 2, Nineteenth Refueling Outage Inservice
Inspection Summary Report

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

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Beaver Valley Power Station, Unit No. 2
Nineteenth Refueling Outage Inservice Inspection Summary Report

(3 Pages Follow)

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number BV2-OAR1-2R19

Plant Beaver Valley Power Station

Unit No. 2 Commercial Service Date November 17, 1987 Refueling Outage No. 2R19
(if applicable)

Current Inspection Interval 1st 3rd 4th 12/1/17
(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 9/15/15, ADM-2039, Rev. 15

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

Code Case Used: N-460, N-532-5, N-566-2, N-722-1, N-729-1, N-770-1
(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 2R19 conform to the requirements of Section XI.
(refueling outage number)

Signed D. Grabski Program Owner Date 6-28-17
Owner or Owner's Designee, Title
* L. P. Seaman Program Owner 7/24/17

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.

Jacob R. Schell Commission NB 7920 ANIB
Inspector's Signature (National Board Number and Endorsement)

Date 7-6-2017

* document resigned by current program owner after correction of inspection interval number.

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	Repair/Replacement Plan Number
2	2CVS-SOV151A	Tack weld body to bonnet	5/18/2017	3101
2	2CVS-SOV152A	Tack weld body to bonnet	5/18/2017	3102
2	2RHS-P21A	Replaced stuffing box extension, mechanical seal flange, studs/nuts	5/17/2017	3139
3	2CCP-AOV174	Replaced valve plug	5/12/2017	3661
2	2MSS-SV101C	Replaced valve, nozzle, inlet stud	5/18/2017	3693
2	2MSS-SV102C	Replaced valve	5/18/2017	3697
2	2MSS-SV103C	Replaced valve	5/18/2017	3698
2	2MSS-SV104C	Replaced valve	5/18/2017	3699
2	2MSS-SV105C	Replaced valve, disc insert	5/18/2017	3700
3	2SWS-906	Replaced valve, pipe	5/22/2017	3801
3	2CHS-50	Replace valve	5/5/2017	3932
3	2HVC-CND24A	Repaired inlet spoolpiece flange	2/25/2016	3934
3	2CCP-21C	Replaced gland ring	11/28/2016	3946
1	2SIS-545	Replaced disc assembly	5/18/2017	3947
3	2SWS-186	Replaced valve, studs/nuts	5/19/2017	3957
3	2SWS-189	Replaced valve, studs/nuts	5/19/2017	3958
1	2RCS-RV551A	Replaced valve, studs/nuts	5/23/2017	3960
3	2CCP-304	Replace valve	5/18/2017	3969
1	2RCS-PSSP030	Replace snubber	5/12/2017	3970
2	2CHS-P21B	Replaced seal housing	8/18/2016	3971
3	2SWE-MOV116B	Replaced valve, studs/nuts	5/19/2017	3987
3	2SWS-107	Replace valve	6/22/2017	3989
2	2-CHS-150-674-2	Removed valve 2CHS-RV450A and installed blind flange, studs/nuts	5/19/2017	3996
2	2RHS-RV721A	Replaced valve	5/17/2017	3997
3	2FWE-PSSP354A	Replaced snubber	5/12/2017	3998
3	2FWE-PSSP354B	Replaced snubber	5/15/2017	3999
1	2CHS-PSSP015X	Replace snubber	5/12/2017	4001
1	2RCS-SG21A	Installed mechanical plugs, sleeves	5/12/2017	4003
1	2RCS-SG21B	Installed mechanical plugs, sleeves	5/12/2017	4004



Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
1	2RCS-SG21C	Installed mechanical plugs	5/12/2017	4005
2	2RHS-E21A	Replace stud	6/22/2017	4010
3	2RCS-P21B-MOTOR	Replaced motor/coolers	5/22/2017	4013
1	2RCS-PCV456	Replaced plug	5/22/2017	4015
3	2-FWE-002-203-3	Replace pipe/fitting	6/5/2017	4016