



Energy Harbor Nuclear Corp.
Beaver Valley Power Station
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May 20, 2020
L-20-051

10 CFR 50.71(e)
10 CFR 50.54(a)
10 CFR 54.37(b)

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-001

SUBJECT:
Beaver Valley Power Station, Unit No. 1
Docket No. 50-334, License No. DPR-66
Submittal of the Updated Final Safety Analysis Report, Revision 32

In accordance with the requirements of 10 CFR 50.71(e), the Energy Harbor Nuclear Corp. is hereby submitting to the Nuclear Regulatory Commission (NRC) the Beaver Valley Power Station, Unit No. 1 (BVPS-1), Updated Final Safety Analysis Report (UFSAR) Revision 32 in CD-ROM format. This submittal reflects facility and procedure changes implemented between May 10, 2018 (the end of Refueling Outage 25), and November 5, 2019 (the end of Refueling Outage 26), along with several changes implemented after Refueling Outage 26.

In accordance with 10 CFR 50.4(b)(6), the BVPS-1 UFSAR Revision 32 is being submitted electronically on a total replacement basis. As required by NRC guidance for electronic submissions to the Commission, Attachment 1 and 2 provide a listing of the document components that make up the two enclosed CD-ROMs. In addition to the UFSAR, the first enclosed CD-ROM includes the following:

- BVPS-1 Licensing Requirements Manual (LRM), Revision 105
- Technical Specification (TS) Bases, Revision 37, submitted to satisfy TS 5.5.10.d, which requires submittal of TS Bases changes implemented without prior NRC approval

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The second enclosed CD-ROM includes the BVPS-1 UFSAR, LRM, and TS Bases with information identified in accordance with NRC Regulatory Issue Summary (RIS) 2015-17, "Review and Submission of Updates to Final Safety Analysis Reports, Emergency Preparedness Documents, and Fire Protection Documents," removed.

For this BVPS-1 UFSAR update, no excessive detail, obsolete information, or redundant information has been removed in accordance with Appendix A to Nuclear Energy Institute (NEI) 98-03, Revision 1, "Guidelines for Updating Final Safety Analysis Reports," as endorsed by Regulatory Guide 1.181, "Content of the Updated Final Safety Analysis Report in Accordance with 10 CFR 50.71(e)."

Energy Harbor Nuclear Corp. conducted a review of BVPS-1 plant changes for 10 CFR 54.37(b) applicability. No components were determined to meet the criteria for newly identified components as clarified by Regulatory Information Summary (RIS) 2007-16, Revision 1, "Implementation of the Requirements of 10 CFR 54.34(b) for Holders of Renewed Licenses."

There are no regulatory commitment changes to be submitted in accordance with NEI 99-04, "Guidelines for Managing NRC Commitment Changes," Revision 0, as endorsed by NRC RIS 2000-17, "Managing Regulatory Commitments Made by Power Reactor Licensees to the NRC Staff."

This certifies, to the best of our judgment and belief, that Revision 32 of the BVPS-1 UFSAR accurately presents changes made since the previous submittal that are necessary to reflect information and analysis submitted to the Commission or pursuant to Commission requirements.

This letter contains no new regulatory commitments. If you have any questions regarding this report, please contact Mr. Thomas A. Lentz, Manager – Nuclear Licensing and Regulatory Affairs, at (330) 315-6810.

Sincerely,

 Penfield, Rod C6593
May 20 2020 11:47 AM
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Rod L. Penfield

Attachments:

1. List of Document Components on CD-ROM 1
2. List of Document Components on CD-ROM 2 (Information Identified Per RIS 2015 -17 Removed)

Enclosures:

- A. Beaver Valley Power Station, Unit No. 1 UFSAR, Licensing Requirements Manual, and Technical Specification Bases (on CD-ROM 1)
- B. Beaver Valley Power Station, Unit No. 1 UFSAR With Information Identified Per RIS 2015-17 Removed, Licensing Requirements Manual, and Technical Specification Bases (on CD-ROM 2)

cc: NRC Region I Administrator (without Enclosure B)
NRC Resident Inspector (without Enclosure B)
NRC Project Manager (without Enclosure B)
Director BRP/DEP (without Enclosures)
Site BRP/DEP Representative (without Enclosures)

Attachment 1
L-20-051

List of Document Components on CD-ROM 1
Page 1 of 1

<u>File Name</u>	<u>Size</u>
001 UFSAR List of Effective Pages Rev 32.pdf	93KB
002 UFSAR Section 1.pdf	3,187KB
003 UFSAR Section 2.pdf	43,412KB
004 UFSAR Section 3.pdf	6,515KB
005 UFSAR Section 4.pdf	1,791KB
006 UFSAR Section 5.pdf	4,128KB
007 UFSAR Section 6.pdf	9,690KB
008 UFSAR Section 7.pdf	4,642KB
009 UFSAR Section 8.pdf	1,868KB
010 UFSAR Section 9.pdf	2,069KB
011 UFSAR Section 10.pdf	1,036KB
012 UFSAR Section 11.pdf	1,179KB
013 UFSAR Section 12.pdf	139KB
014 UFSAR Section 13.pdf	415KB
015 UFSAR Section 14.pdf	6,725KB
016 UFSAR Section 15.pdf	131KB
017 UFSAR Section 16.pdf	403KB
018 UFSAR Appendix A.pdf	618KB
019 UFSAR Appendix B.pdf	1,742KB
020 BVPS-1 LRM Rev 105.pdf	34,277KB
021 BVPS TS Bases Rev 37 (Part 1 of 2).pdf	1,396KB
022 BVPS TS Bases Rev 37 (Part 2 of 2).pdf	1,296KB

Attachment 2
L-20-051

List of Document Components on CD-ROM 2
(Information Identified Per RIS 2015-17 Removed)
Page 1 of 1

<u>File Name</u>	<u>Size</u>
001 UFSAR List of Effective Pages Rev 32.pdf	93KB
002 UFSAR Section 1.pdf	1,216KB
003 UFSAR Section 2.pdf	42,922KB
004 UFSAR Section 3.pdf	6,515KB
005 UFSAR Section 4.pdf	1,791KB
006 UFSAR Section 5.pdf	2,917KB
007 UFSAR Section 6.pdf	9,690KB
008 UFSAR Section 7.pdf	4,642KB
009 UFSAR Section 8.pdf	3,492KB
010 UFSAR Section 9.pdf	2,069KB
011 UFSAR Section 10.pdf	1,036KB
012 UFSAR Section 11.pdf	1,179KB
013 UFSAR Section 12.pdf	139KB
014 UFSAR Section 13.pdf	415KB
015 UFSAR Section 14.pdf	6,724KB
016 UFSAR Section 15.pdf	131KB
017 UFSAR Section 16.pdf	403KB
018 UFSAR Appendix A.pdf	618KB
019 UFSAR Appendix B.pdf	1,742KB
020 BVPS-1 LRM Rev 105.pdf	34,277KB
021 BVPS TS Bases Rev 37 (Part 1 of 2).pdf	1,396KB
022 BVPS TS Bases Rev 37 (Part 2 of 2).pdf	1,296KB