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Beaver Valley Power Station
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November 22, 2021
L-21-164

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 33

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 33, in CD-ROM format. This submittal reflects facility and procedure changes implemented between November 5, 2019 (the end of Refueling Outage 26), and May 11, 2021 (the end of Refueling Outage 27), along with several changes implemented after Refueling Outage 27.

In accordance with 10 CFR 50.4(b)(6), the BVPS-1 UFSAR Revision 33 is submitted electronically on a total replacement basis. As required by NRC guidance for electronic submissions, Attachments 1 and 2 provide a listing of the document components that make up the two enclosed CD-ROMs.

In addition to the BVPS-1 UFSAR, the first enclosed CD-ROM includes the BVPS-1 Licensing Requirements Manual (LRM), Revision 110, and the Technical Specification (TS) Bases, Revision 41, submitted to satisfy TS 5.5.10.d, which requires submittal of TS Bases changes implemented without prior NRC approval.

The second enclosed CD-ROM includes the BVPS-1 UFSAR, the BVPS-1 LRM, Revision 110, and the BVPS TS Bases, Revision 41 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.

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Attachment 3 includes a summary of information removed from the BVPS-1 UFSAR in accordance with Appendix A to Nuclear Energy Institute (NEI) 98-03, "Guidelines for Updating Final Safety Analysis Reports," Revision 1, 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 33 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 submittal contains no new regulatory commitments. If you have any questions regarding this report, please contact Mr. Phil H. Lashley, Manager – Fleet Licensing, at (330) 696-7208.

Sincerely,


John J. Grabnar ENOS FOR
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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)
3. Information Removed from the BVPS, Unit No. 1 UFSAR

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
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List of Document Components on CD-ROM 1
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<u>File Name</u>	<u>Size</u>
001 UFSAR List of Effective Pages Rev 33.pdf	93 KB
002 UFSAR Section 1.pdf	3,191 KB
003 UFSAR Section 2.pdf	36,780 KB
004 UFSAR Section 3.pdf	6,515 KB
005 UFSAR Section 4.pdf	1,791 KB
006 UFSAR Section 5.pdf	4,128 KB
007 UFSAR Section 6.pdf	9,690 KB
008 UFSAR Section 7.pdf	4,741 KB
009 UFSAR Section 8.pdf	1,972 KB
010 UFSAR Section 9.pdf	2,068 KB
011 UFSAR Section 10.pdf	1,191 KB
012 UFSAR Section 11.pdf	1,323 KB
013 UFSAR Section 12.pdf	139 KB
014 UFSAR Section 13.pdf	415 KB
015 UFSAR Section 14.pdf	7,092 KB
016 UFSAR Section 15.pdf	131 KB
017 UFSAR Section 16.pdf	429 KB
018 UFSAR Appendix A.pdf	618 KB
019 UFSAR Appendix B.pdf	1,776 KB
020 BVPS-1 LRM Rev 110.pdf	1,701 KB
021 BVPS TS Bases Rev 41.pdf	2,505 KB

Attachment 2
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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 33.pdf	93 KB
002 UFSAR Section 1.pdf	1,342 KB
003 UFSAR Section 2.pdf	36,298 KB
004 UFSAR Section 3.pdf	6,515 KB
005 UFSAR Section 4.pdf	1,739 KB
006 UFSAR Section 5.pdf	2,917 KB
007 UFSAR Section 6.pdf	9,690 KB
008 UFSAR Section 7.pdf	4,742 KB
009 UFSAR Section 8.pdf	2,188 KB
010 UFSAR Section 9.pdf	2,068 KB
011 UFSAR Section 10.pdf	1,191 KB
012 UFSAR Section 11.pdf	1,323 KB
013 UFSAR Section 12.pdf	139 KB
014 UFSAR Section 13.pdf	415 KB
015 UFSAR Section 14.pdf	7,092 KB
016 UFSAR Section 15.pdf	131 KB
017 UFSAR Section 16.pdf	429 KB
018 UFSAR Appendix A.pdf	618 KB
019 UFSAR Appendix B.pdf	1,775 KB
020 BVPS-1 LRM Rev 110.pdf	1,701 KB
021 BVPS TS Bases Rev 41.pdf	2,505 KB

Attachment 3
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Information Removed from BVPS, Unit No. 1 UFSAR
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In accordance with Nuclear Energy Institute (NEI) 98-03, Revision 1, "Guidelines for Updating Final Safety Analysis Reports," licensees periodically report a brief description of information removed from the Updated Final Safety Analysis Report (UFSAR) and the basis for its removal. The following provides a summary of the information removed from the UFSAR and the basis for removal.

1. Removed excessive detail in the description of the 125 V DC Power System distribution panels from Section 8.5.3. The change removes reference to the specific number of poles in the battery distribution panel circuit breakers. The reference to the specific number of poles is excessive detail that is not important to the description of its safety function. The removed information has no impact on the ability of plant structures, systems, and components described in the UFSAR to perform their design basis functions and has no impact on plant operations.