



Energy Harbor Nuclear Corp.  
Davis-Besse Nuclear Power Station  
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September 20, 2022  
L-22-129

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:**  
Davis-Besse Nuclear Power Station, Unit No. 1  
Docket No. 50-346, License No. NPF-3  
Submittal of the Updated Final Safety Analysis Report, Revision 34

In accordance with 10 CFR 50.71(e), the Energy Harbor Nuclear Corp. is hereby submitting to the Nuclear Regulatory Commission (NRC) the Davis-Besse Nuclear Power Station (DBNPS), Unit No. 1, Updated Final Safety Analysis Report (UFSAR) Revision 34. This submittal reflects facility and procedure changes implemented between March 24, 2020 (end of refueling outage 21) and April 19, 2022 (end of refueling outage 22) along with several changes implemented after refueling outage 22.

In accordance with 10 CFR 50.4(b)(6), the DBNPS UFSAR Revision 34 is being submitted electronically on a total replacement basis.

The DBNPS, Unit No. 1 UFSAR Rev 34 submittal consist of the following four enclosures:

- Enclosure A - DBNPS UFSAR Rev. 34
- Enclosure B - DBNPS UFSAR Rev. 34 with information identified per RIS 2015-17 removed
- Enclosure C - Drawings Incorporated by Reference
- Enclosure D - Drawings Incorporated by Reference with information identified per RIS 2015-17 removed

In addition to the UFSAR the following two enclosures are included in the submittal:

- Enclosure E - DBNPS Technical Requirements Manual, Revision 23
- Enclosure F - DBNPS Technical Specification Bases, Revision 32, submitted in accordance with Technical Specification 5.5.13.d, Technical Specification Bases Control Program

Attachment 1 provides a summary of information removed from the DBNPS UFSAR in accordance with Appendix A to Nuclear Energy Institute (NEI) 98-03, "Guidelines for

Updating Final Safety Analysis Reports," Revision 1. Attachment 2 provides a summary of regulatory commitment changes in accordance with 10 CFR 50.54(a) and aligned with NEI 99-04, "Guidelines for Managing NRC Commitment Changes," as endorsed by NRC RIS 2000-17, "Managing Regulatory Commitments Made by Power Reactor Licensees to the NRC Staff."

Energy Harbor Nuclear Corp. conducted a review of DBNPS, Unit No. 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 RIS 2007-16, Revision 1, "Implementation of the Requirements of 10 CFR 54.37(b) for Holders of Renewed Licenses."

This certifies, to the best of our judgment and belief, that Revision 34 of the DBNPS, Unit No. 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. Phil H. Lashley, Manager - Fleet Licensing, at (330) 696-7208.

Sincerely,

Terry J. Brown



Attachments:

1. Information Removed from DBNPS, Unit No.1 UFSAR
2. Commitment Change Summary Report

Enclosures:

- A. DBNPS, Unit No. 1 UFSAR Rev. 34 (Non-Public)
- B. DBNPS, Unit No. 1 UFSAR Rev. 34 (Public)
- C. DBNPS UFSAR Rev. 34 Drawings Incorporated by Reference (Non-Public)
- D. DBNPS UFSAR Rev. 34 Drawings Incorporated by Reference (Public)
- E. DBNPS, Unit No. 1 Technical Requirements Manual Rev. 23
- F. DBNPS, Unit No. 1 Technical Specification Bases Rev. 32

cc: (without Enclosures)

NRC Region III Administrator  
NRC Resident Inspector  
NRC Project Manager  
Utility Radiological Safety Board