

**From:** Purnell, Blake  
**Sent:** Tuesday, February 1, 2022 4:42 PM  
**To:** Lashley, Phil H (EH)  
**Cc:** Nesser, Kathryn M; Salgado, Nancy; tbrown@energyharbor.com  
**Subject:** Davis-Besse Nuclear Power Station, Unit No. 1 - Acceptance of License Amendment Request to Revise the Design Basis for the Shield Building Containment Structure

Mr. Lashley:

By application dated January 3, 2022 (ADAMS Accession No. ML22003A147), Energy Harbor Nuclear Corp. submitted a license amendment request for Davis-Besse Nuclear Power Station, Unit No. 1. The proposed amendment would change the design basis for the facility to allow laminar concrete cracking of a limited width in the outer reinforcement layer of the shield building containment structure.

The purpose of this email is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that it provides technical information in sufficient detail to enable the staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review, as compared to the detailed technical review, there may be instances in which issues that impact the staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the staff's detailed technical review by separate correspondence.

Based on the information provided in your submittal, the NRC staff estimates that this review will take approximately 300 hours to complete. The staff expects to complete this review by February 1, 2023. These estimates are based on the staff's initial review of the application and they could change due to several factors, including requests for additional information. If there are emergent complexities or challenges in our review that would cause changes to the initial forecasted completion date or significant changes to the forecasted hours, I will inform you of the reason for the change and provide the new estimates.

Sincerely,

Blake Purnell, Project Manager  
Plant Licensing Branch III  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
ph: 301-415-1380

Docket No. 50-346

EPID L-2022-LLA-0003

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