

**From:** Luke Haeg  
**Sent:** Tuesday, September 19, 2023 3:58 PM  
**To:** Ryan.Treadway@duke-energy.com  
**Cc:** Duc, Joshua Brian; David Wrona  
**Subject:** Robinson, Unit 2 - Acceptance of License Amendment Request to Exclude the Dynamic Effects of Specific Postulated Pipe Ruptures from the Design and Licensing Basis Based on Leak-Before-Break Methodology (EPID L-2023-LLA-0122)

Dear Mr. Treadway,

By letter dated August 30, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML23242A086), Duke Energy Progress, LLC (Duke Energy, the licensee), submitted a license amendment request (LAR) for H. B. Robinson Steam Electric Plant, Unit No. 2 (Robinson). The proposed amendment would eliminate the dynamic effects of postulated pipe ruptures to auxiliary piping systems attached to the Reactor Coolant System from the Robinson design and licensing basis using Leak-Before-Break methodology.

The purpose of this email is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this LAR. The acceptance review was performed to determine whether the scope and depth of the technical information was sufficient to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify within the submittal any readily apparent information insufficiencies in the 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 application for an amendment to the license must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications.

The NRC staff has reviewed Duke Energy's submittal and concluded that it did provide technical information in sufficient detail to enable the NRC 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 NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. If additional information is needed, you will be advised by separate correspondence.

Based on the information provided in Duke Energy's submittal, the NRC staff has estimated that this licensing request will take approximately 220 hours to complete and that the review can be completed within 12 months of acceptance of the LAR (i.e., by September 19, 2024). If there are emergent complexities or challenges in our review that would cause changes to the initial forecasted completion date or significant changes in the forecasted hours, the reasons for the changes, along with the new estimates, will be communicated during routine interactions between Duke Energy and the NRC project manager. These estimates are based on the NRC staff's initial review of the LAR submittal, and they could change due to several factors, including requests for additional information and unanticipated addition of scope to the review.

If you have any questions, please contact me at (301) 415-0272 or [lucas.haeg@nrc.gov](mailto:lucas.haeg@nrc.gov).

Luke Haeg  
Project Manager  
NRR/DORL/LPL2-2  
U.S. Nuclear Regulatory Commission  
301-415-0272

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**From:** Luke Haeg

**Created By:** Lucas.Haeg@nrc.gov

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Tracking Status: None

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Tracking Status: None

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