

NRR-DMPSPeM Resource

From: Rankin, Jennivine
Sent: Friday, April 6, 2018 10:16 AM
To: 'Helen L Levendosky'
Cc: Dietrich, Allison
Subject: Donald C. Cook, Unit 1 - Acceptance Review for Application of Leak-Before-Break Methodology for Reactor Coolant System Small Diameter Piping (EPID L-2018-LLA-0054)

Mrs. Levendosky,

By letter dated March 7, 2018 (Agencywide Documents Access and Management System Accession No. ML18072A010), Indiana Michigan Power Company (I&M, the licensee) submitted a request for an amendment to Renewed Facility Operating License No. DPRF-58 for Donald C. Cook Nuclear Plant, Unit No. 1. Specifically, the licensee requests approval for application of a leak-before-break methodology to piping for the accumulator, residual heat removal, and safety injection systems. In addition, the application requests to modify technical specification 3.4.13, "RCS [Reactor Coolant System] Operational LEAKAGE."

The purpose of this e-mail 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 application. 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 does 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 your submittal, the NRC staff has estimated that this licensing request will take approximately 250 hours to complete. The NRC staff expects to complete this review by your requested dated of December 2018.

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, I will communicate the reasons for the changes, along with the new estimates during our routine interactions.

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, or unanticipated addition of scope to the review.

If you have any questions, please contact me at (301) 415-1530.

Thanks,
Jennie

Jennie Rankin, Project Manager
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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From: Rankin, Jennivine

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