

NRR-DMPSPEm Resource

From: Chawla, Mahesh
Sent: Monday, November 27, 2017 9:42 AM
To: Davis, J.Michael (J.Michael.Davis@nexteraenergy.com);
laura.swenzinski@nexteraenergy.com; 'Probst, Jim'; Murrell, Bob
(Bob.Murrell@nexteraenergy.com)
Cc: Catron, Steve (Steve.Catron@fpl.com); Kilby, Gary
Subject: RE: LIC-109 Acceptance of Duane Arnold Energy Center - Relief Request No. NDE-R017
- Closeout of the Fourth Ten-Year Inservice Inspection (ISI) - EPID:L-2017-LLR-0135

Dear Mr. Davis:

By letter dated October 31, 2017 (ADAMS Accession No. ML17304B201), NextEra Energy Duane Arnold, LLC (the licensee) submitted Relief Request No. NDE-R017 as part of the closeout of the Fourth Ten-Year Inservice Inspection (ISI) Interval Program for the Duane Arnold Energy Center (DAEC). Due to the configuration of the Reactor Vessel and RHR Heat Exchanger, it is impractical to meet the examination coverage requirements of the ASME Code, Section XI, 2001 Edition through the 2003 Addenda, as clarified by Code Case N-460. Relief is requested in accordance with 10 CFR 50.55a(g)(5)(iii). NDE-R017 is requested on the basis of Inservice Inspection impracticality.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this relief 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.

Pursuant to Sections 50.55a(z)(1) and 50.55a(z)(2) of Title 10 of the *Code of Federal Regulations* (10 CFR), the applicant shall demonstrate that the proposed alternatives would provide an acceptable level of quality and safety, or that compliance with the specified requirements of Section 50.55a would result in hardship or unusual difficulty without a compensating increase in the level of quality or safety.

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 relief 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 120 hours to complete. The NRC staff expects to complete this review in approximately 10 months, which is August 31, 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, the reasons for the changes, along with the new estimates, will be communicated during the routine interactions with the assigned project manager.

These estimates are based on the NRC staff's initial review of the application and they could change, due to several factors including requests for additional information, and unanticipated addition of scope to the review. Additional delay may occur if the submittal is provided to the NRC in advance or in parallel with industry program initiatives or pilot applications.

If you have any questions, please contact me. Thanks

Mahesh Chawla
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