

NRR-PMDAPem Resource

From: Chawla, Mahesh
Sent: Wednesday, April 26, 2017 4:17 PM
To: Wrona, David
Subject: LIC-109 Acceptance of Duane Arnold Energy Center (DAEC) license amendment request (LAR)(TSCR-165), Revision to Emergency Planning Zone in the DAEC Emergency Plan (E Plan) - MF 9573

Dave,

Please review the email below and provide your comments/concurrence. Thanks

Dear Mr. Davis:

By letter dated March 31, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17102B194), NextEra Energy Duane Arnold, LLC (NextEra Duane Arnold) (the licensee) submitted a license amendment for Duane Arnold Energy Center (DAEC). The proposed amendment request proposes changes to the DAEC Emergency Plan (E Plan) that revise the Emergency Planning Zone (EPZ) boundary for an area beyond the 10 mile required EPZ. The proposed change would modify subarea 24 of the EPZ by designating U.S. Highway 30 as its southern boundary. Currently, there is a tract within the DAEC EPZ subarea 24 that is to the south of US Highway 30. This tract in subarea 24 is unique -- otherwise, the entire DAEC EPZ is to the north of US Highway 30, which is a four lane, divided highway. Subarea 24 is within Linn County, Iowa. The EPZ boundary change requires that a new Evacuation Time Estimates (ETE) study be performed for the DAEC host counties of Linn and Benton, Iowa, and this revision is also included in the proposal.

The purpose of this letter 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 (including the technical specifications) 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 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 and discussions during the pre-licensing meeting on July 13, 2016 as described in the meeting summary dated July 21, 2016 (ADAMS Accession No. ML16201A310), the NRC staff has estimated that this licensing request will take approximately 340 hours to complete. The NRC staff expects to complete this review in approximately 12 months, which is April 1, 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, unanticipated addition of scope to the review, and review by NRC advisory committees or hearing-related activities.

If you have any questions, please contact me.

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Sent Date: 4/26/2017 4:17:16 PM

Received Date: 4/26/2017 4:17:00 PM

From: Chawla, Mahesh

Created By: Mahesh.Chawla@nrc.gov

Recipients:

"Wrona, David" <David.Wrona@nrc.gov>

Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	4174	4/26/2017 4:17:00 PM

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received: