

NRR-PMDAPEm Resource

From: Wengert, Thomas
Sent: Tuesday, November 22, 2016 4:13 PM
To: BICE, DAVID B (ANO)
Cc: CLARK, ROBERT W; PYLE, STEPHENIE L; Hyslop, JS; Dinsmore, Stephen; Barrett, Harold; Kim, James
Subject: ANO-2 Acceptance Review of License Amendment Request to Revise the National Fire Protection Association (NFPA) Standard 805 Modifications (CAC MF8691)

By letter dated October 27, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16302A227), Entergy Operations, Inc. (Entergy) submitted a license amendment request (LAR) for Arkansas Nuclear One, Unit 2 (ANO-2). The proposed amendment would revise the National Fire Protection Association (NFPA) Standard 805 Modifications for Arkansas Nuclear One, Unit 2, previously approved by the U.S Nuclear Regulatory Commission (NRC) in a letter dated February 18, 2015 (ADAMS Accession No. ML14356A227). The purpose of this e-mail is to provide the results of the 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 the information delineated below is necessary to enable the NRC staff to make an independent assessment regarding the acceptability of the proposed amendment request in terms of regulatory requirements and the protection of public health and safety and the environment.

In order to make the application complete, the NRC staff requests that Entergy supplement the application to address the information requested below by December 9, 2016. This will enable the NRC staff to complete its detailed technical review. If the information responsive to the NRC staff's request is not received by the above date, the application will not be accepted for review pursuant to 10 CFR 2.101, and the NRC staff will cease its review activities associated with the application. If the application is subsequently accepted for review, you will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

Supplemental Information Requested

Most of the proposed modifications in Section 2.0 of the LAR replace cable rerouting with alternative electronic modification. Cable rerouting would eliminate the possibility for fire induced failure while alternative electronic modifications will only reduce the possibility of fire induced failures. Contrary to this observation, Tables 1 and 2 on Page 25 of 30 of Attachment 1 of the LAR indicate that several alternative electronic modifications result in lower plant risk compared to the cable rerouting option. Provide supplemental information explaining why the risk decreases in some of the modifications summarized in Table 2 and increases for other modifications.

The information requested and associated time frame in this letter were discussed with Mr. David Bice on November 22, 2016.

If you have any questions, please contact me at (301) 415-4037.

Sincerely,

Tom Wengert
Project Manager – Arkansas Nuclear One
NRR/DORL/LPL4-2
(301) 415-4037

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