

From: Mahesh Chawla

Sent: Friday, October 7, 2022 1:38 PM

To: Elwood, Thomas B

Cc: Jennifer Dixon-Herrity; Scott Krepel; Brandon Wise; Kent Wood; Vic Cusumano; Joshua Wilson

Subject: Final - LIC-109 Acceptance Review (Unacceptable for Review with Opportunity to Supplement) - Callaway Plant, Unit 1 - License Amendment Request for proposed changes to Technical Specification Changes for Spent Fuel Pool Storage - EPID L-2022-LLA-0132

Dear Mr. Elwood:

By letter dated August 29, 2022 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML22242A122), Ameren Missouri (the licensee) submitted a license amendment request for Callaway Plant, Unit 1. The proposed license amendment request (LAR) would revise Technical Specification (TS) TS 3.7.16, "Fuel Storage Pool Boron Concentration"; TS 3.7.17, "Spent Fuel Assembly Storage"; Figure 3.7.17-1, "Minimum Required Fuel Assembly Burnup as a Function of Initial Enrichment to Permit Storage in Regions 2 and 3"; and TS 4.3.1, "Criticality." 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 application for an amendment to a 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 listed [below](#) is necessary to enable the staff to make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements for the protection of public health and safety and the environment.

The application does not have the proprietary sections identified in the proprietary attachment (Non-Public). In the non-proprietary (Public) version, the proprietary information is blackened out, instead of have blank spaces. Also, the application also does not have double brackets around the proprietary sections, with the codes specifying the reason for making the information proprietary. Moreover, the Affidavit provided is lacking in specificity. So essentially, the application is not meeting the

requirements specified in 10 CFR 2.390, "Public inspections, exemptions, requests for withholding."

To make the application complete, the NRC staff requests that the licensee supplement the application to address the information requested by mutually agreed upon date. On October 7, 2022, you informed us that you will not need a clarification call for this request. You have also agreed to provide a response on the docket within 13 working days, no later than October 26, 2022. This will enable the NRC staff to begin its detailed technical review. If the information responsive to the NRC staff's request is not received by the mutually agreed upon date, the application will not be accepted for review pursuant to 10 CFR 2.101, and the NRC will cease its 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 staff's detailed technical review by separate correspondence.

If you have any questions, please contact me. Thanking you,

Sincerely,

Mahesh Chawla, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
ph: 301-415-8371

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MChawla	JDixon- Herrity
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From: Mahesh Chawla

Created By: Mahesh.Chawla@nrc.gov

Recipients:

"Jennifer Dixon-Herrity" <Jennifer.Dixon-Herrity@nrc.gov>

Tracking Status: None

"Scott Krepel" <Scott.Krepel@nrc.gov>

Tracking Status: None

"Brandon Wise" <Brandon.Wise@nrc.gov>

Tracking Status: None

"Kent Wood" <Kent.Wood@nrc.gov>

Tracking Status: None

"Vic Cusumano" <Victor.Cusumano@nrc.gov>

Tracking Status: None

"Joshua Wilson" <Joshua.Wilson@nrc.gov>

Tracking Status: None

"Elwood, Thomas B" <TElwood@ameren.com>

Tracking Status: None

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