From:	Dawnmathews Kalathiveettil
To:	"Quarles, Adam Graham"; "AUSHAW@SOUTHERNCO.COM"; "stkelley@southernco.COM"; "Sparkman, Wesley A."
Cc:	"Joyce, Ryan M."; Stacy Joseph; John Lamb; Zach Turner; Carolyn Fairbanks; Matthew Yoder; Malcolm Patterson
Subject:	RAI - Hatch, Farley, Vogtle 1-2, LAR "Revise 50.69 to Adopt the Enhanced Risk-Informed Categorization for Pressure Boundary Components" (EPID: L-2026-LLA-0144)
Date:	Friday, October 23, 2026 3:41:00 PM

Good afternoon,

By letter dated July 17, 2026 (Agencywide Documents Access and Management System Package Accession No. ML26198A310), Southern Nuclear Operating Company (SNC, the licensee) submitted for NRC review and approval, a license amendment request (LAR) for Edwin I. Hatch Nuclear Plant, Units 1 and 2; Joseph M. Farley Nuclear Plant, Units 1 and 2; and Vogtle Electric Generating Plant, Units 1 and 2. The proposed LAR revises the previously approved license condition associated with the adoption of 10 CFR 50.69, "Risk-informed categorization and treatment of structures, systems and components for nuclear power reactors." Specifically, the proposed change would incorporate use of the Enhanced Risk-Informed Categorization Methodology for Pressure Boundary Components.

To complete its review of the application, the U.S. Nuclear Regulatory Commission (NRC) staff requests additional information (RAI) as discussed below. On October 20, 2026, NRC staff provided SNC the draft RAI questions to ensure that it is understandable, the regulatory basis is clear, to ensure there is no proprietary information, and to determine if the information was docketed previously. On October 22, 2026, SNC confirmed that no further clarification was needed.

This request is now released formally with a 30-day calendar response period from the date of this email. If you have any questions, you may contact me at 301-415-5905.

REQUEST FOR ADDITIONAL INFORMATION

By letter dated July 17, 2026 (Agencywide Documents Access and Management System Package Accession No. ML26198A310), Southern Nuclear Operating Company (SNC, the licensee) submitted for NRC review and approval, a license amendment request (LAR) for Edwin I. Hatch Nuclear Plant (Hatch) Units 1 and 2; Joseph M. Farley Nuclear Plant (Farley) Units 1 and 2; and Vogtle Electric Generating Plant (Vogtle) Units 1 and 2. The proposed LAR revises the previously approved license condition associated with the adoption of 10 CFR 50.69, "Risk-informed categorization and treatment of structures, systems and components for nuclear power reactors." Specifically, the proposed change would incorporate use of the Enhanced Risk-Informed Categorization Methodology for Pressure Boundary Components.

REGULATORY BASIS

The proposed change would revise the license conditions associated with Title 10 of the Code of Federal Regulations (10 CFR) 50.69, “Risk-informed categorization and treatment of structures, systems and components for nuclear power reactors,” to incorporate use of the “Enhanced Risk-Informed Categorization Methodology for Pressure Boundary Components” per EPRI TR No. 3002033536, Rev. 1-A.

To complete its review, the NRC staff requests the following additional information.

RAI-01

Prerequisite 2 "Integrity Management" requires that licensees using EPRI Technical Report (TR) 3002033536 (Revision 1-A) have programs for Localized Corrosion, Flow Accelerated Corrosion (FAC), and Erosion programs in place consistent with or equivalent to programs based on the example references provided in the TR. Such programs support the alternative treatments allowed in sites approved for implementation of 10 CFR 50.69 as described in the safety evaluation associated with the TR.

The license amendment request gives a brief overview of the Integrity Management Programs, but not enough detail was provided to allow for determining whether the prerequisite programs are consistent with, or equivalent to the example references provided in the TR. Insufficient information was found for the Localized Corrosion programs, FAC programs, or the Erosion program to make the necessary determination.

1. Provide a high-level description of the Localized Corrosion Programs at Hatch Units 1 and 2, Farley Units 1 and 2, and Vogtle Units 1 and 2, in sufficient detail to confirm that they are consistent with References 17-21 of the submittal (References 19-23 in the TR) or provide other documentation showing that the programs are equivalent.

2. Provide a high-level description of the FAC Program at Hatch Units 1 and 2, Farley Units 1 and 2, and Vogtle Units 1 and 2, in sufficient detail to confirm that they are consistent with Reference 22 (Reference 24 in the TR) or provide other documentation showing that the programs are equivalent.

3. Provide a high-level description of the Erosion Program at Hatch Units 1 and 2, Farley Units 1 and 2, and Vogtle Units 1 and 2, in sufficient detail to confirm that they are consistent with Reference 23 of the submittal (Reference 26 in the TR) or provide other documentation showing that the program is equivalent.

Best Regards,

Dawnmathews T. Kalathiveettil
Hatch Project Manager
10 G07
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