

From: [Hood, Tanya](#)
To: Tanya.Hamilton@duke-energy.com
Cc: [Zaremba, Arthur H.](#); [Earp Jr., Dennis](#)
Subject: HARRIS RAIs - LAR to Address Transition to New Fuel Type
Date: Wednesday, November 27, 2019 8:03:00 AM
Attachments: [HARRIS RAIs for LAR to Address Transition to New Fuel Type.pdf](#)

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 – REQUEST FOR ADDITIONAL INFORMATION REGARDING LICENSING ACTION TO MODIFY THE DEPARTURE FROM NUCLEATE BOILING RATIO SAFETY LIMIT TO ADDRESS TRANSITION TO NEW FUEL TYPE (EPID NO. L-2019-LLA-0076)

Dear Ms. Hamilton:

By letter dated April 10, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19100A442), as supplemented by letter dated June 6, 2019 (ADAMS Accession No. ML19157A036), Duke Energy Progress, LLC (the licensee), submitted a license amendment request (LAR) for the Shearon Harris Nuclear Power Plant, Unit 1 (Harris). The proposed amendment would modify Technical Specification 2.1.1.a to add the departure from nucleate boiling ratio safety limit associated with the transition to the GAIA fuel design from the current high thermal performance fuel in the Harris reactor core.

The U.S. Nuclear Regulatory Commission staff has reviewed the licensee's submittal and determined that additional information is required in order to complete the review. The requested additional information is attached. The draft questions were sent to Mr. Dennis Earp Jr. of your staff to ensure that they were understandable, the regulatory basis for the questions was clear, and to determine if the information was previously docketed. Please respond within 30 days.

If you have any questions, please contact me at 301-415-1387 or Tanya.Hood@nrc.gov.

Thank you,

Tanya E. Hood
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