



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

March 26, 2018

Mr. Steven Capps
Senior Vice President
Nuclear Corporate
526 South Church Street, EC-07H
Charlotte, NC 28202

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 AND H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 – TRANSMITTAL OF DRAFT SAFETY EVALUATION FOR PROPOSED AMENDMENT RE: METHODOLOGY REPORTS DPC-NE-3008-P, REVISION 0, "THERMAL-HYDRAULIC MODELS FOR TRANSIENT ANALYSIS," AND DPC-NE-3009-P, REVISION 0, "FSAR / UFSAR CHAPTER 15 TRANSIENT ANALYSIS METHODOLOGY" (CAC NOS. MF8439 AND MF8440; EPID L-2016-LLA-0012)

Dear Mr. Capps:

By letter dated November 19, 2015, as superseded by application dated October 3, 2016, and as supplemented by letters dated November 10, 2016, October 9 and 30, 2017, and December 19, 2017, Duke Energy Progress, LLC (Duke Energy) submitted a request, in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.90, for Shearon Harris Nuclear Power Plant, Unit 1 (Harris) and H. B. Robinson Steam Electric Plant, Unit 2 (Robinson) to amend its technical specifications to adopt the methodology reports DPC-NE-3008-P, Revision 0, "Thermal-Hydraulic Models for Transient Analysis," and DPC-NE-3009-P, Revision 0, "FSAR / UFSAR Chapter 15 Transient Analysis Methodology," for application specific to Harris and Robinson. In its submittal, Duke Energy requested review and approval of these methodologies for plant-specific use only, allowing these methodologies be used at Harris and Robinson to perform the subject analyses in-house.

Enclosed is the draft Safety Evaluation (SE) that the Nuclear Regulatory Commission (NRC) staff has prepared to support the proposed license amendment. The draft SE is being withheld from public disclosure at this time because it contains proprietary information pursuant to 10 CFR 2.390. Proprietary information is identified by text enclosed within double brackets as shown here [[]].

The NRC staff requests that Duke Energy provide comments regarding the proprietary content in the draft SE by close of business on April 5, 2018. The response timeframe was discussed with Mr. Joshua Duc of your staff on March 15, 2018. If circumstances result in the need to revise your response date, please let me know.

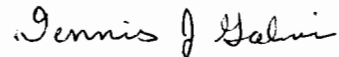
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Since the NRC review is not yet complete, this letter and the enclosure do not convey or represent an NRC staff position regarding the licensee's request. Should the amendment be approved, the NRC staff will prepare a redacted, publicly available, nonproprietary version of the SE.

If you have any questions concerning this letter, please contact me at 301-415-6256 or by email at Dennis.Galvin@nrc.gov.

Sincerely,



Dennis J. Galvin, Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-261 and 50-400

Enclosures:
Draft Proprietary SE

cc w/o enclosure: Distribution via Listserv

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