



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

July 31, 2014

Mr. Ernest Kapopolous  
Vice President  
Shearon Harris Nuclear Power Plant  
Duke Energy Progress, Inc.  
5413 Shearon Harris Road  
New Hill, NC 27562

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 – ACCEPTANCE OF REQUESTED LICENSING ACTION REGARDING AMENDMENT TO REVISE TECHNICAL SPECIFICATION TABLE 3.3-4 LOSS OF OFFSITE POWER 6.9 KILOVOLT EMERGENCY UNDERVOLTAGE PRIMARY SETPOINTS (TAC NO. MF4294)

Dear Mr. Kapopolous:

By letter dated June 19, 2014, Duke Energy Progress, Inc., submitted a license amendment request for Shearon Harris Nuclear Power Plant, Unit 1 (HNP). The proposed amendment would revise Technical Specifications 3.3.2, "Engineered Safety Features Actuation System Instrumentation," Table 3.3-4 "Engineered Safety Features Actuation System Instrumentation Trip Setpoints." Specifically, the instrument trip setpoint and associated allowable value are being revised to ensure that the trip of the safety-related AC bus will occur at a voltage at or above the minimum voltage necessary to operate the applicable safety-related loads.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this relief 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 it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment. Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's

E. Kapopolous

- 2 -

ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-2760.

Sincerely,

***/RA/***

Martha Barillas, Project Manager  
Plant Licensing Branch 2-II  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-400

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- 2 -

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