

April 12, 2001

Mr. James Scarola, Vice President
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
Post Office Box 165, Mail Code: Zone 1
New Hill, North Carolina 27562-0165

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING AMENDMENT
REQUEST FOR STEAM GENERATOR REPLACEMENT/POWER UPRATE -
SHEARON HARRIS NUCLEAR POWER PLANT (TAC NOS. MB0199 AND
MB0782)

Dear Mr. Scarola:

By letters dated October 4, and December 14, 2000, you requested license amendments to revise the Shearon Harris Nuclear Power Plant Facility Operating License and Technical Specifications to support steam generator replacement and to allow operation at an uprated core power level of 2900 MWt.

During the course of our review of these requests, the NRC staff has determined that additional information is necessary to complete our review. The enclosed request for additional information was e-mailed to your licensing staff on April 2, 2001, and discussed during a conference call on April 11, 2001. A mutually agreeable target date of May 25, 2001, for your response was established. If circumstances result in the need to revise the target date, please call me at the earliest opportunity.

Sincerely,

/RA/

Richard J. Laufer, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-400

Enclosure: As stated

cc w/encl: See next page

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COPY	Yes/No	Yes/No	Yes/No

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Request for Additional Information
Request for License Amendment: Steam Generator Replacement/Power Uprate
Shearon Harris Nuclear Power Plant
Docket No. 50-400

The staff has reviewed the Reactor Trip System/Engineered Safety Features Actuation System Technical Specifications (TS) setpoint changes. The licensee stated that setpoint and time constants changes are based on the Westinghouse margin improvement methodology previously approved for the Farley Nuclear Plant.

- (1) Please provide the Shearon Harris plant-specific instrument channel uncertainty calculations documentation that shows how all of the proposed TS setpoint changes in TS Tables 2.2-1 and 3.3-4 were calculated.
- (2) Explain the process used to generate and verify the uncertainty numbers listed in the setpoint documents.
- (3) Describe the licensee's practice to maintain the accuracy of the setpoint documents when a plant protection system instrumentation is modified.

Mr. James Scarola
Carolina Power & Light Company

Shearon Harris Nuclear Power Plant
Unit 1

cc:

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