

February 7, 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 POWER UPRATE - SHEARON HARRIS NUCLEAR POWER
PLANT (TAC NO. MB0782)

Dear Mr. Scarola:

By letter dated December 14, 2000, you requested a license amendment to revise the Shearon Harris Nuclear Power Plant Facility Operating License and Technical Specifications to allow operation at an uprated core power level of 2900 MWt.

During the course of our review, the NRC staff has determined that additional information is necessary to complete our review. The enclosed request for additional information was discussed with your licensing staff, and a mutually agreeable target date of March 30, 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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Request for Additional Information
Request for License Amendment: Power Uprate
Shearon Harris Nuclear Power Plant
Docket No. 50-400

1. Changes in Emergency and Abnormal Operating Procedures

Describe how the proposed power uprate will change the plant emergency and abnormal procedures.

2. Changes to Risk-Important Operator Actions Sensitive to Power Uprate

Describe any new risk-important operator actions required as a result of the proposed power uprate. Describe changes to any current risk-important operator actions that will occur as a result of the power uprate. Explain any changes in plant risk that result from changes in risk-important operator actions.

(e.g., Identify operator actions that will require additional response time or will have reduced time available. Identify any operator actions that are being automated as a result of the power uprate. Provide justification for the acceptability of these changes).

3. Changes to Control Room Controls, Displays and Alarms

Describe any changes the proposed power uprate will have on the operator interfaces for control room controls, displays and alarms. For example, what zone markings (e.g., normal, marginal and out-of-tolerance ranges) on meters will change? What setpoints will change? How will the operators know of the change? Describe any controls, displays, alarms that will be upgraded from analog to digital instruments as a result of the proposed power uprate and how operators were tested to determine they could use the instruments reliably.

4. Changes on the Safety Parameter Display System

Describe any changes the proposed power uprate will have on the Safety Parameter Display System. How will the operators know of the changes?

5. Changes to the Operator Training Program and the Control Room Simulator

Describe any changes the proposed power uprate will have on the operator training program and the plant reference control room simulator, and provide the implementation schedule for making the changes.

Enclosure

Mr. James Scarola
Carolina Power & Light Company

Shearon Harris Nuclear Power Plant
Unit 1

cc:

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