

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

December 15, 1999

SUBJECT: ENVIRONMENTAL ASSESSMENT RELATED TO EXPANDING THE SPENT FUEL
 POOL STORAGE CAPACITY AT THE SHEARON HARRIS NUCLEAR POWER
 PLANT (TAC NO. MA4432)

Dear Mr. Scarola:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for amendment dated December 23, 1998, as supplemented on April 30, June 14, July 23, September 3, October 15, and October 29, 1999. The proposed amendment would support a modification to the Shearon Harris Nuclear Power Plant to increase the spent fuel storage capacity by adding rack modules to spent fuel pools 'C' and 'D' and placing the pools in service.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by:

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: Environmental Assessment

cc w/encl: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script that reads "Richard J. Laufer".

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: Environmental Assessment

cc w/encl: See next page

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