

November 21, 2003

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: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 - FINAL ACCIDENT
SEQUENCE PRECURSOR ANALYSIS OF SEPTEMBER 2000 OPERATIONAL
EVENT

Dear Mr. Scarola:

The Nuclear Regulatory Commission (NRC) staff conducted a preliminary Accident Sequence Precursor (ASP) analysis of an operational event that occurred at the Shearon Harris Nuclear Power Plant, Unit 1 in September 2000. This condition was documented in Licensee Event Report (LER) 400/2000-007-02, event date September 4, 2000. You did not provide comments on the preliminary ASP analysis. However, on April 22, 2003, during a telephone conversation, you informed the NRC staff that further analysis by the pump vendor determined that the pump was operable during the period in question. With the new information provided on the pump operability, the final ASP program position is to reject the operating condition as a potential precursor because the change in core damage probability is less than 10^{-6} .

Please contact me at 301-415-3025 if you have any questions regarding the enclosure.

Sincerely,

/RA/

Chandu P. Patel, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-400

cc: See next page

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Shearon Harris Nuclear Power Plant
Unit 1

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