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 MCDUFFIE, M.A. Carolina Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards response to draft SER Open Item 306 re rated load test sequence for diesel generator load acceptance testing. FSAR Section 8.3.1.1.2.14 K will be revised as listed in future amend.

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THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5800 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

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TO THE DIRECTOR
OF THE UNIVERSITY OF CHICAGO
FROM THE DEPARTMENT OF CHEMISTRY
RE: [Illegible]

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Carolina Power & Light Company

JUN 02 1983

SERIAL: LAP-83-152

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NOS. 1 AND 2
DOCKET NOS. 50-400 AND 50-401
DRAFT SAFETY EVALUATION REPORT RESPONSES
POWER SYSTEMS BRANCH

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby transmits one original and forty copies of responses to Shearon Harris Nuclear Power Plant Draft Safety Evaluation Report Open Items. This response is for the Power Systems Branch, and is CP&L Open Item Number 306.

We will be providing responses to other Open Items in the Draft Safety Evaluation Report shortly.

Yours very truly,

M. A. McDuffie
Senior Vice President
Engineering & Construction

JDK/ce (6780JDK)
Attachment

- | | |
|---------------------------------|----------------------------|
| cc: Mr. N. Prasad Kadambi (NRC) | Mr. Wells Eddleman |
| Mr. G. F. Maxwell (NRC-SHNPP) | Dr. Phyllis Lotchin |
| Mr. J. P. O'Reilly (NRC-RII) | Mr. John D. Runkle |
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Shearon Harris Nuclear Power Plant
Draft SER Open Item No. 306 (FSAR Section 8.3.1.1.2.14)

The response to NRC Question 430.102 does not provide the correct rated load test sequence for the diesel generator load acceptance testing. The response is the reverse. See technical specification and Regulatory guide 1.108.

Response

FSAR Section 8.3.1.1.2.14k will be revised as follows in a future amendment.

Rated Load test: Load the diesel generator at 110% of its continuous rating (its 2 hour rating) and hold for 2 hours. Subsequently load the diesel generator for 100% of its continuous rating and hold for 22 hours.

(6780JDKce)

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