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 50-401, Shearon Harris Nuclear Power Plant, Unit 2, Carolinal 05000401

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 RECIPI. NAME: DENTON, H. R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards response to draft SER Open Item 294 concerning refueling water storage tank (RWST). Two RWST vent lines are protected from freezing by redundant ambient sensing heat tracing on each vent line.

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Carolina Power & Light Company

MAY 11 1983

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
REACTOR SYSTEMS BRANCH

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby transmits one original and forty copies of the response to the Shearon Harris Nuclear Power Plant Draft Safety Evaluation Report (DSER) CP&L Open Item No. 294.

Carolina Power & Light Company will be providing responses to other Open Items in the DSER shortly.

Yours very truly

M. A. McDuffie
Senior Vice President
Engineering & Construction

PS/kjr (6783PSA)
Attachment

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|---------------------------------|----------------------------|
| cc: Mr. N. Prasad Kadambi (NRC) | Mr. Wells Eddleman |
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Open Item No. 294 (DSER Section.6.3.1, page 6-35)

The Staff has requested additional information concerning the RWST enclosure to ensure the RWST vent line is adequately protected from freezing.

Response to Open Item No. 294

The two RWST vent lines are protected from freezing by redundant ambient sensing heat tracing on each vent line. The power supply for the heat tracing on each vent line is supplied by separate trains.



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