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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
 AUTH. NAME AUTHOR AFFILIATION
 ZIMMERMAN, S. R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Forwards "CP&L Shearon Harris Nuclear Power Plant Structural Integrity Test Summary Rept." Info re ultimate strength capacity of containment bldg under uniform pressure submitted in response to SER Confirmatory Item B.

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NOTES: Application for permit renewal filed. 05000400

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Carolina Power & Light Company

SERIAL: NLS-86-198

MAY 29 1986

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

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1 - DOCKET NO. 50-400
ULTIMATE STRENGTH OF THE CONTAINMENT BUILDING

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby submits additional information concerning the Shearon Harris Nuclear Power Plant calculation of ultimate strength capacity of the Containment Building under uniform pressure. This information is submitted in response to Safety Evaluation Report Confirmatory Item No. 8. Attached are the results of the Structural Integrity Test conducted February 21-27, 1986. The test procedures and expected analytical results were contained in CP&L's previous submittal dated January 27, 1986. A discussion of the comparison of actual versus expected analytical results is also attached. The attached information fulfills CP&L's previous commitments for submittal of additional information.

If you have any questions on this subject or require additional information to close this issue, please contact me.

Yours very truly,

S. R. Zimmerman
Manager

Nuclear Licensing Section

SRZ/JHE/mf (3945JDK)

Attachments

- cc: Mr. B. C. Buckley (NRC)
- Mr. G. F. Maxwell (NRC-SHNPP)
- Dr. J. Nelson Grace (NRC-RII)
- Mr. Travis Payne (KUDZU)
- Mr. Daniel F. Read (CHANGE/ELP)
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- Mr. Wells Eddleman
- Mr. John D. Runkle
- Dr. Richard D. Wilson
- Mr. G. O. Bright (ASLB)
- Dr. J. H. Carpenter (ASLB)
- Mr. J. L. Kelley (ASLB)

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