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September 30, 1988

Docket No. 50-400

Mr. E. E. Utley

Senior Executive Vice President

Power Supply and Engineering &

Construction

Carolina Power & Light Company

Post Office Box 1551

Raleigh, North Carolina 27602

Dear Mr. Utley:

see ar 15

SUBJECT: SAFETY EVALUATION OF THE FIRST TEN-YEAR INTERVAL INSERVICE
INSPECTION PROGRAM PLAN AND ASSOCIATED RELIEF REQUESTS FOR
SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 (TAC NO. 67180)

By your letter dated January 28, 1988, you submitted the Shearon Harris Nuclear Power Plant, Unit 1 (Shearon Harris, Unit 1), First Ten-Year Interval Inservice Inspection (ISI) Program Plan and associated relief requests for NRC review and approval.

With technical assistance from Idaho National Engineering Laboratory (INEL), we have reviewed and evaluated the Carolina Power & Light Company (CP&L) submittal for (1) application of the correct Section XI, ASME Boiler and Pressure Vessel Code edition and addenda, (2) compliance with examination and test requirements of Section XI, (3) acceptability of the examination sample, (4) compliance with commitments made by the CP&L prior to plant operation, (5) correctness of the application of system or component examination exclusion criteria and (6) adequacy of information supplied in support of the requests for relief from various Section XI Code requirements. The NRC staff's safety evaluation is enclosed.

We conclude that the Shearon Harris, Unit 1, First Ten-Year ISI Program Plan, together with the additional information provided and the specific written reliefs granted constitutes the basis for compliance with 10 CFR 50.55a(g) and Technical Specification 4.0.5 and is, therefore, acceptable.

With regard to the requested reliefs, we have determined that the inspection requirements are impractical for the ISI Program Plan for which relief is being granted and, pursuant to 10 CFR 50.55a(g)(6)(i), that the granting of relief is

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Mr. E. E. Utley

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authorized by law, will not endanger life or property or the common defense and security, and is otherwise in the public interest. In making this determination, we have given due consideration to the burden that could result if those requirements are imposed on your facility. This letter grants the relief.

Sincerely,

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Elinor G. Adensam, Director
Project Directorate II-1
Division of Reactor Projects I/II

Enclosure:
Safety Evaluation
INEL Technical Evaluation
Report

cc w/enclosure:
See next page

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Mr. E. E. Utley
Carolina Power & Light Company

Shearon Harris

cc:

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