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

<Docket\_File-NRC PDR Local PDR PD21 r/f S. Varga (14E4) G. Lainas E. Adensam P. Anderson B. Buckley OGC. E. Jordan (MNBB 3302) B. Grimes (9A2) C. Y. Cheng (9H15) ACRS (10)

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Dear Mr. Utley:

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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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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,

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

cc:

Mr. R. E. Jones, General Counsel Carolina Power & Light Company P. O. Box 1551 Raleigh, North Carolina 27602

Mr. D. E. Hollar Associate General Counsel Carolina Power & Light Company P.O. Box 1551 Raleigh, North Carolina 27602

Resident Inspector/Harris NPS c/o U.S. Nuclear Regulatory Commission Route 1, Box 315B New Hill, North Carolina 27562

Mr. R. A. Watson Vice President Harris Nuclear Plant P.O. Box 165 New Hill, North Carolina 27562 Shearon Harris

Ms. Carol Love 100 Park Drive P.O. Box 12276 Research Triangle Park, NC 27709

Regional Administrator, Region II U.S. Nuclear Regulatory Commission 101 Marietta Street Suite 2900 Atlanta, Georgia 30323

Mr. C. S. Hinnant Plant General Manager Harris Nuclear Plant P.O. Box 165 New Hill North Carolina 27562

Mr. Dwayne H. Brown, Chief Radiation Protection Section Division of Facility Services N.C. Department of Human Resources 701 Barbour Drive Raleigh, North Carolina 27603-2008

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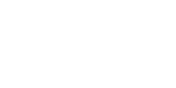
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