



Carolina Power & Light Company

JAN 28 1985

SERIAL: NLS-85-021

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
CERTIFICATION OF COMPLIANCE TO 10CFR50.49,
ENVIRONMENTAL QUALIFICATION OF ELECTRICAL
EQUIPMENT IMPORTANT TO SAFETY FOR NUCLEAR
POWER PLANTS (GENERIC LETTER 84-24)

Dear Mr. Denton:

Carolina Power & Light Company hereby reports on the status of compliance of Brunswick Steam Electric Plant, Unit Nos. 1 and 2 with 10CFR50.49. We are submitting this information in response to Generic Letter 84-24. Due to late receipt of the Generic Letter, this letter is being submitted after the specified deadline with the verbal approval of the NRC Project Manager.

The Company certifies that:

- (1) An Environmental Qualification Program designed to satisfy the requirements of 10CFR50.49 is being implemented. Unless an unforeseeable situation develops, we do not plan to request an additional extension beyond the current schedule (the end of the March 31, 1985 outage for Unit 1 and the end of the November 30, 1985 outage for Unit 2).
- (2) The program includes the safety-related electrical equipment located in a harsh environment which is relied upon to remain functional during and following design basis events to ensure the capability to shutdown the reactor and maintain it in a safe shutdown condition. The Company confirms its belief that this equipment has been qualified or that justifications for continued operation (JCOs) for each type of equipment have been submitted.
- (3) The Company also confirms its belief that other equipment within the scope of the rule has been qualified or that JCOs for each type of equipment have been submitted. This does not include equipment associated with the Regulatory Guide 1.97 effort which is on a schedule identified to the NRC in our letter dated December 27, 1984.

In addition, the Generic Letter requested that specific IE Bulletins and Information Notices, which identify environmental qualification problems, be considered by licensees. We have in place a mechanism for the review and evaluation of Bulletins and Information Notices. Our evaluation of Bulletins and Information Notices is not limited to those listed in the Generic Letter. IE Bulletin 82-04 and Information Notices 82-11, 82-52, 83-45, 83-72,

411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

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Mr. Harold R. Denton

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84-23, 84-44, 84-47, 84-57, 84-68 and 84-78 have been reviewed and their resolutions have been completed or appropriate action has been identified or is being taken.

We are enclosing with this letter a list of the latest pertinent correspondence associated with the Environmental Qualification Programs.

If you have any questions, please contact Mr. Sherwood R. Zimmerman at (919) 836-6242.

Yours very truly,



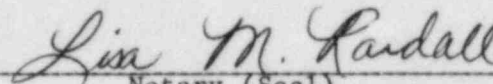
A. B. Cutter - Vice President
Nuclear Engineering & Licensing

PS/mf (1075JSD)

Enclosure

cc: Mr. D. O. Myers (NRC-BNP)
Mr. J. P. O'Reilly (NRC-RII)
Mr. M. Grotenhuis (NRC)

A. B. Cutter, having been first duly sworn, did depose and say that the information contained herein is true and correct to the best of his information, knowledge and belief; and the sources of his information are officers, employees, contractors, and agents of Carolina Power & Light Company.



Notary (Seal)

My commission expires: 5/18/88



CORRESPONDENCE ASSOCIATED WITH THE
BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
ENVIRONMENTAL QUALIFICATION PROGRAMS

Brunswick Steam Electric Plant, Unit No. 1

<u>Date</u>	<u>Subject</u>
November 30, 1984	Program description. Submittal of revised JCOs.

Brunswick Steam Electric Plant, Unit No. 2

<u>Date</u>	<u>Subject</u>
April 25, 1984 (NLS-84-126)	Extension request.
July 6, 1984 (NLS-84-307)	Additional information regarding request for schedular extension.
August 30, 1984 (NLS-84-388)	Supplemental extension request.
September 26, 1984 (NLS-84-425)	Submittal of revised JCOs.
November 5, 1984 (NLS-84-462)	Submittal of revised JCOs.
November 30, 1984 (NLS-84-491)	Submittal of additional information.