

ENCLOSURE 1

## NOTICE OF VIOLATION

Carolina Power and Light Company  
Brunswick

Docket Nos. 50-325, 50-324  
License Nos DPR-71, DPR-62

During the Nuclear Regulatory Commission (NRC) inspection conducted on October 15 - 19, 1990, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Action," 10 CFR Part 2, Appendix C (1990), the violation is listed below:

10 CFR 50 Appendix B Criterion XVI states that measures shall be established to assure that conditions adverse to quality, such as deviations, and nonconformances are promptly identified and corrected. In the case of significant conditions adverse to quality, the measures shall assure that the cause of the condition is determined and corrective action taken to preclude repetition.

10 CFR 20.203(c)(2)(iii) requires that each entrance or access point to a high radiation area shall be maintained locked except during periods when access to the area is required, with positive controls over each individual entry.

Technical Specification 6.12.2 requires that each high radiation area, in which the radiation intensity is greater than 1,000 millirem per hour (mrem/hr), have locked doors to prevent unauthorized entry.

Contrary to the above, adequate corrective actions were not taken to assure that violations of regulatory requirements, licensee Technical Specifications, and licensee procedures concerning entry and controls into high radiation areas, were corrected to preclude recurrence, as evidenced by the following:

1. In March 1990, NRC Inspection Report Nos 50-324, 325/90-06 identified a violation of regulatory and Technical Specification requirements for controlling access into high radiation areas having a whole body dose rate greater than 1,000 millirem per hour (mrem/hr) during the period of April 20, 1989 and January 21, 1990. Five examples of the violation were documented and four of the five violations were identified by the licensee.
2. NRC Inspection Report Nos. 50-324, 325/90-34 documented a sixth example of failure to control access to a high radiation area within a 16 month period that was identified by the licensee on August 3, 1990.

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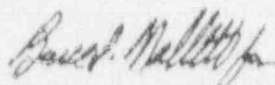
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3. NRC Inspection Report Nos. 50-324, 325/90-37 documented a seventh example of failure to control access to a high radiation area within a 17 month period that was identified by the licensee on September 20, 1990.

This is a severity Level IV violation (Supplement IV).

Pursuant to the provisions of 10 CFR 2.201, Carolina Power and Light Company is hereby required to submit a written statement or explanation to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555, with a copy to the Regional Administrator, Region II, and a copy to the NRC Resident Inspector, Brunswick, within 30 days of the date of the letter transmitting this Notice. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include: (1) admission or denial of the violation, (2) the reason for the violation if admitted, (3) the corrective steps which have been taken and the results achieved, (4) the corrective steps which will be taken to avoid further violations, and (5) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked or why such other action as may be proper should not be taken.

FOR THE NUCLEAR REGULATORY COMMISSION



J. Philip Stohr, Director  
Division of Radiation Safety  
and Safeguards

Dated at Atlanta, Georgia  
this      day of                      1990