

MAY 23 1984

Carolina Power and Light Company
ATTN: Mr. E. E. Utley
Executive Vice President
Power Supply and Engineering
and Construction
411 Fayetteville Street
Raleigh, NC 27602

Gentlemen:

SUBJECT: REPORT NOS. 50-325/80-45 AND 50-324/80-43

Thank you for your responses of May 20, 1981 and April 4, 1984, to our Notice of Violation issued on April 27, 1981, and our letter dated January 27, 1984, concerning activities conducted under NRC License Nos. DPR-62 and DPR-71. During an inspection conducted February 6 - 10, 1984, members of your staff presented an evaluation of radiation areas within the reactor building. 10 CFR 20.105(b) defines a "Radiation Area" as 1) any area where a major portion of the body may be exposed to 5 mrem in a one hour period or 2) any areas where a major portion of the body may be exposed to 100 millirems in any five consecutive days.

Members of your staff stated that some personnel could be in the reactor building for 40 hours in five consecutive days. For these personnel, radiation area posting would be required at 2.5 mrem/hr. Your staff's evaluation determined that when 2.5 mrem/hr. defines a radiation area, a majority of the reactor building is a radiation area.

Your letter dated April 4, 1984, stated that in addition to posting the entrance to the building as a "Radiation Area", you also post "Hot Spot" signs where appropriate, and "Do Not Linger" signs which state radiation levels when radiation levels in areas are significantly greater than surrounding areas in the reactor building. This additional posting appears to provide the information that workers need to control their doses to levels as low as reasonably achievable.

Based on the above, we are withdrawing violation D of the subject report, which stated that you failed to post individual radiation areas in the reactor buildings as required by 10 CFR 20.203(b).

No further response or action is required of you to this item.

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We appreciate your cooperation in this matter.

Sincerely,

James P. O'Reilly
Regional Administrator

cc: P. W. Howe, Vice President
Brunswick Nuclear Project
C. R. Dietz, Plant General Manager

bcc: NRC Resident Inspector
Document Control Desk
State of North Carolina

RII
ALMC
D. Collins
5/17/84

RII
P. Stohr
5/18/84

RII
JMPuckett
5/22/84

*Discussed with
J. Curry, NRC
Agreed ALMC
5/23/84*

for RII
RHA1bright:jw
4/18/84

RII
GRJenkins
4/18/84

RII
AHardin
4/18/84

RII
PBemis
4/18/84

RII
DVerrelli
4/19/84

RII
RCLewis RDMartin
4/19/84 4/19/84