

JUN 23 1988

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

Carolina Power and Light Company  
ATTN: Mr. E. E. Utley  
Senior Executive Vice President  
Power Supply and Engineering  
and Construction  
P. O. Box 1551  
Raleigh, NC 27602

Gentlemen:

SUBJECT: PRA-BASED OPERATIONAL SAFETY INSPECTION REPORT NOS. 50-325/88-11  
AND 50-324/88-11

This refers to the special PRA-Based operational safety inspection conducted by a team of NRC personnel led by F. Jape on February 29 - March 4, 1988, and March 14-18, 1988, at your Brunswick Steam Electric Plant. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed inspection report.

Areas examined during the inspection were selected from the accident sequences described in the Brunswick PRA. The inspection focused on the availability of critical components including implementation of plant procedures and management programs to assure operability. In addition, the inspection examined the ability of the plant staff to utilize procedures and equipment to recover from certain postulated severe accidents. While no violations or deviations were identified, there were a number of inspection findings of some safety significance. Some of the more important ones are discussed below. The results of these examinations are described in the NRC inspection report which is enclosed with this letter.

CP&L is commended for the self initiated development of the PRA and the actions taken by the Onsite Nuclear Safety (ONS) group to resolve findings of high importance to plant reliability. The inspectors found that many of the findings selected to inspect had been reviewed, and corrective actions initiated by ONS and the plant staff.

Station blackout was identified as a dominant contributor to risk in the Brunswick PRA and was selected as one of the areas for review by the NRC team. The team found that the decisionmaking program for containment venting was not clear and that venting would likely be impossible, during a blackout, due to lack of accessibility to the vent valves because of their location and high radiation levels. We believe these issues are significant, and we understand they will be addressed as part of the resolution of the Mark I problem currently under review by NRR. In addition the lack of a clearly stated program to ensure availability of keys to secured areas when card readers are disabled was identified. An interim resolution was discussed and an agreement was reached for this issue.

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Carolina Power and Light Company

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We encourage you to direct attention toward an early resolution of the above matters.

We appreciate your cooperation with us especially since this effort was conducted during an outage. Your staff gave us their undivided attention throughout the inspection period. Should you have any questions concerning this letter, please contact us.

Sincerely,

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J. Nelson Grace  
Regional Administrator

Enclosure:  
NRC PRA-Based Operational Safety  
Inspection Report

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

bcc w/encl:  
P. Bernhard, RII  
C. Casto, RII  
P. Fillion, RII  
E. Girard, RII  
M. Thomas, RII  
L. Nicholson, RII  
R. Schin, RII  
G. Kelly, NRR  
W. Truskoski, NRR  
E. Sylvester, NRR  
J. Chung, NRR  
R. Barrett, NRR

RII

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05/27/88

RII

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AHerdt  
05/31/88

RII

*AG*  
AGibson  
06/14/88

RII

*DMV*  
DVerrelli  
06/15/88

RII

*OWH*  
LReyes  
06/16/88

RII

*ME*  
MErnst  
06/24/88