



Carolina Power & Light Company

Brunswick Nuclear Plant  
P. O. Box 10429  
Southport, NC 28461-0429

APR 08 1993

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SERIAL: BSEP-93-0047

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

BRUNSWICK STEAM ELECTRIC PLANT UNIT 1 AND 2  
DOCKET NO. 50-325 & 50-324  
LICENSE NO. DPR-71 & DPR-62  
SPECIAL REPORT PER TECHNICAL SPECIFICATION 3.7.8 AND  
PURSUANT TO TECHNICAL SPECIFICATION 6.9.2 (SR 1-93-005)

Gentlemen:

Units 1 and 2 are in Cold Shutdown for the outages started on April 21, 1992. The following summarizes fire protection Limiting Conditions for Operation (LCO) A2-93-F0230, A2-93-F0231, A2-93-F0248, A2-93-F0249, and A2-93-F0218:

LCO A2-93-F0230, A2-93-F0231, A2-93-F0248, and A2-93-F0249

At 0900 hours, on March 2, 1993, the doors in the Unit 2 Control Building Cable Access Ways (door 122, 23'0" elevation and door 224, 49'0" elevation) were declared inoperable and removed per Work Order/Job Requests (WR/JO) 93-AGBB1 and 93-AGBM1. The doors to the Unit 1 Control Building Cable Access Ways (door 121, 23'0" elevation and door 223, 49'0" elevation) were declared inoperable and removed per WR/JOs 93-AGBN1 and 93-AGBP1 at 1100 hours on March 3, 1993. The doors were removed as an interim measure due to concerns with the ability of the block walls to meet tornado pressure design considerations. Removing the doors allows passive venting of the block walls during a Design Basis Tornado to prevent wall failure. Applicable fire detectors were verified operable and an hourly fire watch was established for each unit.

The Control Building Cable Access Ways block walls are currently listed as fire barriers. The walls and doors were originally installed to provide separation between the normal shutdown trains. The areas were later analyzed under 10 CFR 50, Appendix R, as one fire area without crediting the block wall barriers. A permanent change was discussed with the NRC staff in a conference call on January 21, 1993, to downgrade the block wall fire barriers to non-fire rated walls which will eliminate the need for the doors. Adequate technical justification is available to permit the downgrade but a supplemental Safety Evaluation Report is required. A formal request was submitted by Carolina Power and Light Company on March 9, 1993 to allow this change. Carolina Power and Light requested that the

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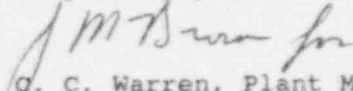
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NRC respond by July 12, 1993. Compensatory measures will remain in effect until the condition is resolved. The special report is required due to the doors remaining inoperable longer than the 7 days required by Technical Specifications.

LCO A2-93-F0218

At 1750 hours, on February 23, 1993, the Control Building Fire Detection was declared inoperable in Zones 1, 15, and 16 due to the inability to test the equipment within the time required by Technical Specifications. The fire detection equipment could not be tested due to a plant modification in progress on the Control Building Heating, Ventilation, and Air Conditioning. An hourly fire watch was established and remained in effect until the affected fire detection zones were restored to service on April 6, 1993. The special report is required due to the fire detection zones remaining inoperable longer than the 14 days required by Technical Specifications.

Very truly yours,

A handwritten signature in dark ink, appearing to read "G. C. Warren", is written over the typed name.

G. C. Warren, Plant Manager Unit 2  
Brunswick Nuclear Plant

cc: Mr. S. D. Ebnetter  
Mr. P. D. Milano  
BSEP NRC Resident Office