



Carolina Power & Light Company

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Brunswick Steam Electric Plant  
P. O. Box 10429  
Southport, NC 28461-0429  
August 29, 1984

FILE: B09-13510C  
SERIAL: BSEP/84-1871

Mr. James P. O'Reilly, Director  
U.S. Nuclear Regulatory Commission  
Suite 2900  
101 Marietta Street N.W.  
Atlanta, GA 30323

BRUNSWICK STEAM ELECTRIC PLANT UNIT 2  
DOCKET NO. 50-324  
LICENSE NO. DPR-62  
SPECIAL REPORT PER TECHNICAL SPECIFICATION 3.7.8 AND  
PURSUANT TO TECHNICAL SPECIFICATION 6.9.2 (2-SR-84-11)

Dear Mr. O'Reilly:

During the ongoing Unit 2 refueling/maintenance outage, at 1100 on July 20, 1984, a Unit 2 LCO was initiated to permit the inspection and troubleshooting of a fire detector and its respective detector base in zone 10 of the fire detection system for the Control Building. Prior testing had determined the subject detector and base as the probable source of a problem with the zone remote detector light.

The inspection and troubleshooting determined the problem resulted from a defective electrical resistor in the detector base circuitry. Due to lack of specific fire protection Q-list replacement parts, the 14-day time frame of the involved LCO has been exceeded. Until on-hand replacement parts for the detector base are evaluated as acceptable in meeting the fire protection Q-list criteria, the involved LCO will remain in effect.

Very truly yours,

C. R. Dietz, General Manager  
Brunswick Steam Electric Plant

MJP/dgr/LETDR1

cc: Mr. R. C. DeYoung  
NRC Document Control Desk

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