



Carolina Power & Light Company

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

March 3, 1983

FILE: B09-13510C
SERIAL: BSEP/83-706

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II, Suite 3100
101 Marietta Street N.W.
Atlanta, GA 30303

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1
LICENSE NOS. DPR-71
DOCKET NOS. 50-325
SPECIAL REPORT PER TECHNICAL SPECIFICATION 3.7.8

Dear Mr. O'Reilly:

Routine plant surveillance during unit refueling operations on January 27, 1983, revealed water leaking into the southeast corner of the Diesel Generator Building 2' elevation via two fire barrier penetration seals, DG-1-041-18 and DG-1-041-19. In accordance with technical specifications, appropriate fire barrier LCOs were generated to allow repair of the seals.

The seals, which are composed of rock wool, had degraded due to exposure to rainwater originating from an underground plant electrical conduit cable vault. Due to the complexity of the work required to repair the seals, the seven-day specified time frame of each LCO was exceeded. Repair of the subject seals was subsequently completed and they were returned to service on February 10, 1983.

As a result of a previous similar reportable event, as reported in LER 1-83-10, plant Engineering will investigate the water intrusion problem at plant fire barrier penetration seals to determine an applicable fix.

Very truly yours,

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

RMP/shb/LETJ03

Enclosure

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

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