



Carolina Power & Light Company

Brunswick Nuclear Project
P. O. Box 10429
Southport, N.C. 28461-0429
November 29, 1990

FILE: B09-13510C
SERIAL: BSEP/90-0799

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

BRUNSWICK STEAM ELECTRIC PLANT UNIT 1
DOCKET NO. 50-325
LICENSE NO. DPR-71
SPECIAL REPORT PER TECHNICAL SPECIFICATION 3.3.5.7 AND
PURSUANT TO TECHNICAL SPECIFICATION 5.9.2 (1-SR-90-003)

Gentlemen:

During the Unit 1 1990 Refuel 7 and Maintenance Outage, the unit Reactor Building fire detection system Zone 14 instrumentation was declared inoperable [control panel silenced] on October 16, 1990, due to spurious fire alarms. This zone monitors the 117-Foot elevation of the building.

On October 30, 1990, the fourteen-day time frame of this LCO was exceeded. A Work Request/Job Order [WR/JO] has been initiated to investigate and resolve any problems to which the subject fire alarms could be attributed.

Until return of the fire detection instrumentation to service and cancellation of the LCO, an hourly fire watch patrol, as required by Technical Specifications, will remain in effect.

Due to the susceptibility of these ionization detectors to spurious alarms and the relative inaccessibility of the detectors [located on the ceiling above the 117-foot elevation of the Reactor Building] and resulting personnel safety concern regarding troubleshooting and repair, a project to replace the Refuel Floor Fire Detection System has been approved and currently expected to begin in 1992.

Very truly yours,

J. L. Harness, General Manager
Brunswick Nuclear Project

WRT/

Enclosure

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