

CP&L

USNRC REGION II
ATLANTA, GEORGIA

Carolina Power & Light Company

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Brunswick Steam Electric Plant

P. O. Box 10429

Southport, NC 28461-0429

August 12, 1983

FILE: B09-13510C
SERIAL: BSEP/83-2702

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1

DOCKET NO. 50-325

LICENSE NO. DPR-71

SPECIAL REPORT PER TECHNICAL SPECIFICATIONS 3.5.1.e AND 5.4.2a (1-SR-83-16)

Dear Mr. O'Reilly:

At 1155 on July 30, 1983, while attempting to make a planned release of floor drain sample tank (FDST) A, it was determined that the radiological liquid waste effluent flow recorder, 2-G16-R039, was not indicating the release flow rate. In accordance with plant operating instructions, the release was then terminated and secured.

At the time of this event, Unit No. 1 was shut down and Unit No. 2 was at power operation. The total run time of the pump utilized to make the release was less than one minute. This pump has a historical volumetric output of 180 gpm. The total pump run time includes the amount of time required to open and adjust the flow rate through the effluent flow control valve, RO-38; therefore, it is felt the volume released while the recorder was not functioning is less than 180 gallons. The allowed release rate of FDST A, as specified in the release permit for the tank, was 1561 gpm.

Troubleshooting of the recorder, General Electric model No. 531, revealed the protective fuse in the instrument power supply, K001B, had blown. A reason for the blown fuse could not be determined. The fuse, bus part No. AGC-1, was replaced and the recorder was calibrated and returned to service.

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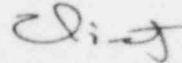
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Mr. James P. O'Reilly

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Following repair of the subject flow recorder, the release was performed in accordance with plant procedures.

Very truly yours,



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

RMP/mcg/LETCG2

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