

POOR ORIGINAL

CP&L

Carolina Power & Light Company

November 4, 1980

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FILE: NG-3513 (B)

SERIAL: NO-80-1627

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

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REGISTRATION
COMMUNICATIONS
DIVISION

**BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 & 2
LICENSE NOS. DPR-71 AND DPR-62
DOCKET NOS. 50-325 AND 50-324
SUPPLEMENTAL RESPONSE TO IE BULLETIN 80-17**

Dear Mr. O'Reilly:

On September 19, 1980, Carolina Power & Light Company transmitted to you the results of BSEP Unit No. 2 manual and automatic scram testing as required by IE Bulletin 80-17. In that transmittal it was noted that rod 38-15 appeared to have taken 13 seconds for the Full-In indication to come on according to the video tape. This item was also reported under LER 2-80-72. On September 27, rod 38-15 was scram tested at rated pressure and rod scram insertion times measured. The results of this testing indicate that rod 38-15 is functioning normally with a 90% insertion time of 2.517 seconds.

An investigation determined two factors that may have caused the control rod to have an out-of-specification insertion time. These two factors were excessive leakage of the rod drive unit seals or foreign debris within the seal area of the rod drive unit. Since the rod was successfully inserted during the subsequent scram test, the drive unit seals are not believed to be the cause of this event. It is, therefore, thought that foreign debris in the drive unit seal area prevented the rod from properly scrambling during the initial test. This debris was apparently flushed from the rod drive seals during the test and subsequent scram test of the rod.

In addition, as directed by IE Bulletin 80-17, it is estimated that 2064 hours were expended in response to this bulletin for preparation, testing and reports. Since no design or operational

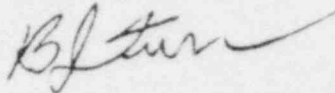
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problems were uncovered during this extensive program, no corrective actions were required and zero (0) man-hours were expended.

Yours very truly,



B. J. Furr
Vice President
Nuclear Operations

RMP/CMS/pfb*

cc: Mr. Norman C. Moseley