



Carolina Power & Light Company

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

December 17, 1982

FILE: B09-13510C  
SERIAL: BSEP/82-2883

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. 2  
DOCKET NO. 50-324  
LICENSE NO. DPR-62

INFORMATION FACSIMILE OF AN IMMEDIATELY REPORTABLE EVENT (2-82-139)

Dear Mr. O'Reilly:

This confirms a telephone conversation at 1615 on December 16, 1982, between Mr. R. M. Poulk, Jr. and Mr. Paul Bemis concerning an immediately reportable event per Technical Specification 6.9.1.8b.

At 0700 on December 16, 1982, it was determined that the Reactor Water Cleanup (RWC) System, high differential flow isolation instrumentation was inoperable due to an erratic flow transmitter. Further review of this event indicated the the problem had been potentially identified at 0900 on December 13, 1982; however, timely action was not taken to verify system operability. Failure to take timely action when the problem was identified allowed continued operation of the RWC System without assurance of a high differential flow isolation capability. Subsequent checks of this instrumentation determined that it would have performed its isolation function; however the value at which it would have isolated cannot be assured to be within the technical specification requirements. The remaining isolation instrumentation, high area temperatures and low reactor water level, would have provided additional isolation signals had a line rupture occurred. The instrumentation has been repaired and restored to service.

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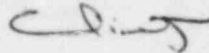
Mr. James P. O'Reilly

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It has been determined that the cause of this event was poor judgement on the part of the Operations personnel who reviewed the work authorization on December 13, 1982. Corrective actions for this event are still being evaluated and will be addressed in the 14-day report.

Very truly yours,



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

RMP/jo/LETJ03

Enclosure

cc: Mr. R. C. DeYoung