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Carolina Power & Light Company

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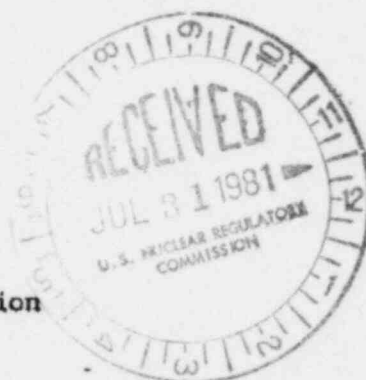
Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461

May 6, 1981

FILE: B09-13516
SERIAL: RSEP/81-0945

REGIONAL DIRECTOR
DEPUTY DIRECTOR
ASSISTANT TO DIRECTOR
DIRECTOR, RRPF
DIRECTOR, EPOS
DIRECTOR, ENF/INV
DIRECTOR, ETI
PUBLIC AFFAIRS OFFICER

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



BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1
LICENSE NO. DPR-71
DOCKET NO. 50-325

CONFIRMATION FACSIMILE OF AN IMMEDIATELY REPORTABLE EVENT, (2-81-49)

Dear Mr. O'Reilly:

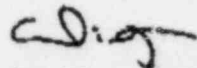
This confirms the telephone conversation between Mr. R. M. Poulk, Jr., Regulatory Specialist, and Mr. C. Julian of your office at 0920 on May 6, 1981 concerning an immediately reportable event.

While investigating the Unit No. 2 RHR heat exchangers to determine the status of the flow separation baffle, it was determined that the B heat exchanger baffle was deformed at the bottom allowing bypass flow. An investigation of the A heat exchanger determined that the baffle was correctly oriented; however, additional testing determined that a higher than design value differential pressure would be experienced across its baffle at the required flow rate of 4,000 gpm. As a result of this determination, this heat exchanger was declared inoperable and a unit shutdown was commenced.

IE29
5/10

Repairs are in progress on the 2B RHR heat exchanger at the present time. The unit will be placed and maintained in cold shutdown using the A heat exchanger by maintaining the minimum flow required for cooldown through that heat exchanger. Prior to unit startup, both heat exchangers will be repaired and restored to normal service. An Engineering evaluation is being performed to determine the cause of these failures and to ensure appropriate action is taken to prevent them in the future. This event is being reported under Technical Specification 6.9.1.8f.

Very truly yours,



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

RMP/gvc

cc: Mr. R. A. Hartfield
Mr. V. Stello, Jr.