



LER ATTACHMENT - RO #2-83-79

Facility: Unit No. 2

Event Date: August 7, 1983

While attempting to parallel the generator output of No. 1 diesel generator to its respective plant emergency bus, during the performance of the No. 1 Diesel Generator Monthly Load Test, PT-12.2a, a generator reverse power trip of the diesel occurred, thereby rendering the diesel unavailable for automatic operation. At the time of this event, the Unit No. 1 reactor was in cold shutdown and a reactor startup was in progress on Unit No. 2. The inoperability of No. 1 diesel generator rendered the emergency power supply to 2C RHR and 2C RHR service water pumps inoperable.

The auxiliary operator performing the PT had not sufficiently familiarized himself with the steps required to parallel the output of the diesel generator to its respective plant emergency bus. These steps include a specific notation to proceed quickly in making the diesel generator assume a portion of the bus load after the closing of the diesel generator output breaker. In this case, the auxiliary operator had synchronized the generator output to the bus but then reviewed the test procedure for further instruction at which time the reverse power trip setpoint picked up tripping and locking out the diesel.

Within six minutes of this event, the trip and lockout signal was reset and the diesel was restored to normal standby readiness. The involved auxiliary operator was counseled and instructed concerning the event with respect to paralleling diesel generator outputs to their respective plant emergency buses.

As a result of this event, plant licensed operators and auxiliary operators will review this event and receive on-shift "real-time" training on the procedures and techniques used in paralleling diesel generators to their respective plant emergency buses. Included in this training will be emphasis to seek guidance on procedures they are performing of which they are not completely familiar with. It is expected that this training will be completed by October 21, 1983.

**CP&L**

Carolina Power & Light Company

USNRC REGION II  
ATLANTA, GEORGIA

83 SEP 12 A 8:19

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

September 6, 1983

FILE: B09-13510C  
SERIAL: BSEP/83-2983

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. 2  
DOCKET NO. 50-324  
LICENSE NO. DPR-62  
LICENSEE EVENT REPORT 2-83-79

Dear Mr. O'Reilly:

In accordance with Section 6.9.1.9b of the Technical Specifications for Brunswick Steam Electric Plant, Unit No. 2, the enclosed Licensee Event Report is submitted. This report fulfills the requirement for a written report within thirty (30) days of a reportable occurrence and is in accordance with the format set forth in NUREG-0161, July 1977.

Very truly yours,

*C. R. Dietz*

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

RMP/mcg/LETG2

Enclosure

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

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