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Carolina Power & Light Company

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Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461-0429
November 26, 1986

FILE: B09-13510E
SERIAL: BSEP/86-1657

Dr. J. Nelson Grace, Administrator
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street NW
Atlanta, GA 30323

BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
RESPONSE TO INFRACTIONS OF NRC REQUIREMENTS

Dear Dr. Grace:

The Brunswick Steam Electric Plant (BSEP) has received I&E Inspection Report 50-325/86-24 and 50-324/86-25 and finds that it does not contain information of a proprietary nature.

This report identified one item that appeared to be in noncompliance with NRC requirements. Enclosed is Carolina Power & Light Company's response to this violation.

Very truly yours,

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

RMP/dj

Enclosure

cc: NRC Document Control Desk

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VIOLATION

Technical Specification 6.8.1.a requires that written procedures shall be established and implemented covering the applicable procedures recommended in Appendix A of Regulatory Guide 1.33, November 1972. Section D.24.b(1) of Appendix A recommends procedures for operation of diesel generators.

Contrary to the above, a written procedure covering diesel generators was not properly established and implemented. The No. 4 diesel generator jacket water cooler service water outlet valve (V209) was manipulated on August 23, 1986, without a procedure.

This is a Severity Level V violation (Supplement I).

RESPONSE

I. Admission or Denial of the Alleged Violation

The Brunswick Steam Electric Plant acknowledges that written procedures were not properly established and implemented to provide adequate control of the diesel generator jacket water cooler service water outlet valves. Written procedures required that the valve be locked in the open position at all times; however, normal operating requirements would dictate that the valves be throttled during various operations of the diesel generators.

II. Reason for the Violation if Admitted

Following a reactor scram on August 23, 1986, an Auxiliary Operator was dispatched to the Diesel Generator Building to monitor the operation of the diesel generators. The diesels had auto-started but were not tied to their respective buses as normal off-site power was available. Upon receipt of a low service water pressure alarm, the outlet valves were throttled in the closed direction to regulate the pressure and clear the alarms on three diesel generators. Procedures in place at the time did not provide allowance for performing this evolution. Upon the securing of the diesel generator approximately 1½ hours later, the valves were not returned to their locked open position.

III. Corrective Actions Which Have Been Taken

The involved Auxiliary Operator was appropriately counseled to ensure his understanding of mandatory procedure compliance and actions expected when procedural guidance is not provided for a given desired action/evolution. In addition, Operating Procedure 39, Diesel Generator Operating Procedure, has been revised (revision 29, dated October 20, 1986) to incorporate steps allowing for the throttling of these valves during diesel generator operation and for returning them to the locked open position (with independent verification) upon securing the diesels.

IV. Corrective Steps Which Will Be Taken

By June 30, 1987, the Technical Support Subunit will evaluate the Diesel Generator Service Water System design to determine if design improvements should be incorporated to better control system pressure during diesel generator operation. Based on the results of this evaluation, appropriate actions will be initiated.

V. Date When Full Compliance Will Be Achieved

Full compliance has been achieved for this violation.