



Carolina Power & Light Company

Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461-0429
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SERIAL: BSEP/88-0406

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

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

Gentlemen:

The Brunswick Steam Electric Plant (BSEP) has received I&E Inspection Report 50-325/88-01 and 50-324/88-01 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

MJP/mcg

Enclosure

cc: Dr. J. N. Grace
Mr. E. D. Sylvester
BSEP NRC Resident Office

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VIOLATION

Technical Specification 3.8.1.1.b requires four separate and independent diesel generators to be operable. Action statement e.1 of the above specification requires, with two diesel generators inoperable, demonstration of operability of the remaining diesel generators by performing Surveillance Requirement 4.8.1.1.2.a.5 within two hours. This surveillance requires the generator to be synchronized, load to at least 1750 kW, and operated for greater than or equal to 15 minutes.

Contrary to the above, Technical Specification 3.8.1.1.b was not met in that, with two diesel generators inoperable on January 5, 1988, at 1552 hours, the remaining operable diesel generators were not operated to at least 1750 kW for 15 minutes within two hours. Diesel generator No. 4 completed its 15-minute run at 1800 hours on January 5, 1988.

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

Violation Response

I. Admission or Denial of the Alleged Violation

Carolina Power & Light Company acknowledges the violation as described.

II. Reason for the Violation

During the required performance testing associated with a single diesel generator out of service (No. 3), a second diesel generator (No. 1) failed. The required testing with two diesel generators out of service is the same testing that was in progress at the time, but must be completed within 2 hours instead of 24 hours. The Shift Foreman failed to recognize that the testing, which had been in progress, was completed eight minutes after the two-hour limit. The cause is personnel error. The foreman erroneously concluded that he had met the time requirement based on the fact that the initial time limit he had established when he started the testing had been met. He failed to recall the more restrictive time frame. During this testing, the Shift Foreman had been involved in facilitating testing of the failed diesel generators and in evaluating an annunciator received on a third diesel generator (No. 4) during the subject test.

III. Corrective Steps Which Have Been Taken and the Results Achieved

As a result of this occurrence, the plant Operations Manager made personal telephone communications with the plant Shift Operating Supervisors (SOSs) to emphasize factors relative to the event. A memorandum was distributed to the SOSs from the Operations Superintendent which called attention to the event and stressed the importance of strict verbatim compliance with technical specifications and pointed out the vulnerability to such type errors. In addition, involved personnel have been counseled concerning time requirements as they apply to meeting technical specifications.

Training has been provided to shift Operations personnel on the importance of ensuring surveillance times are met. The circumstances of this event, as well as other factors relative to meeting technical specification time requirements were discussed. In addition, timers have been acquired to serve as an operator aide in assisting the Control Room personnel in meeting time frame requirement of technical specifications.

IV. Corrective Steps Which Will be Taken to Avoid Further Violations and When Full Compliance Will Be Achieved

Full compliance concerning this item has been achieved.