

# CP&L

Carolina Power & Light Company

Brunswick Nuclear Project  
P. O. Box 10429  
Southport, N.C. 28461-0429

JAN 15 1993

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SERIAL: BSEP-93-0007

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

BRUNSWICK STEAM ELECTRIC PLANT UNIT 1 AND 2  
DOCKET NO. 50-325 AND 50-324  
LICENSE NO. DPR-71 AND DPR-62  
INITIAL NOTIFICATION WITHIN 24 HOURS FOR  
SPECIAL REPORT PER TECHNICAL SPECIFICATION 3.7.7.1 AND  
PURSUANT TO TECHNICAL SPECIFICATION 6.9.2 (1-SR-93-002)

Gentlemen:

Units 1 and 2 are in Cold Shutdown to support the Unit outages that started on April 21, 1992. The following summarizes a fire protection Limiting Condition of Operation that will be initiated to allow work on the Fire Suppression System:

On the morning of January 16, 1993, both Fire Suppression System fire pumps will be made Inoperable for approximately 8 hours to allow replacement of the isolation valve (2-FP-V79) and the associated instrument line. This activity is a continuation of the process originally reported on January 6, 1993, but was halted when clearance boundary leakage could not be reduced/rerouted to allow the environment necessary for the required welding.

The instrumentation on this line supplies the automatic start signal for the fire pumps. While the fire pumps will not be Technical Specification Operable, the Diesel-driven fire pump will remain available and will be manually started and run as backup suppression until the auto start instrumentation can be restored. As part of the preplanning, the following actions have been taken to coordinate and expedite the completion of the instrument line isolation valve replacement:

- Due to the previous clearance boundary leakage:
  - The questionable isolation valves have been flushed (debris in the seating area is considered the primary suspect for causing the valve leakage).

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- Ultra-Sonic flow instruments will be available to identify the specific clearance boundary valve needing maintenance (if the flush was unsuccessful).
- An additional drain path is being made available by removing the discharge check valve (2-FP-V68) for a fire protection system jockey pump.
- The prefabricated instrument line/valve assembly was modified such that the threaded replacement valve could be installed and used as a boundary for welding the pipe.
- The valve replacement will be worked continuously until completed.
- Parts have been reserved and verified.
- Personnel will be stationed to monitor diesel fire pump operation.
- As a precaution welding and burning will be minimized throughout the Plant Site until a second fire pump is available.
- Availability of the Southport Fire Department pumper/tanker to draft from the discharge canal has been verified.

Should you have any questions regarding this notification, please contact Mr. Glen Thearling at (919) 457-2038.

Very truly yours,



R. C. Godley, Manager NRC Compliance

cc: Mr. S. D. Ebnetter  
Mr. R. H. Lo  
BSEP NRC Resident Office