

CP&L

Carolina Power & Light Company

H. B. ROBINSON STEAM ELECTRIC PLANT  
Post Office Box 790  
Hartsville, South Carolina 29550  
July 30, 1981



Robinson File No: 2-0-4-a-3

Serial:RSEP/81-1258

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

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23

30 DAY SPECIAL REPORT - FIRE BARRIER PENETRATION FIRE SEALS

Dear Mr. O'Reilly:

Carolina Power and Light Company (CP&L) submits the following thirty day Special Report pursuant to Technical Specification 6.9.3g and 3.14.7.2.

Cause

Fire Door No. 5, between the Auxiliary Feedwater (AFW) Pump Room and the outdoor turbine building, was opened at 0800 on June 23, 1981 to provide additional means of relieving excessive heat from the AFW Pump Room. The AFW header stop valve (V2-16A) and check valve (AFW-40) leaked slightly by their seats allowing hot water from the steam generator to leak back through the piping in the room. This backleakage combined with the hot summer ambient temperatures, and the lack of sufficient ventilation, caused the enclosed AFW Pump Room to increase in temperature.

Compensatory Action Taken

Prior to opening Fire Door No. 5, the fire detection system in the AFW room was checked for operability, and a security watch was posted continuously at the door.

Plans For Restoring The Fire Barrier Penetration to Operable Status

Maintenance to correct the backleakage problem in the AFW system was performed during a recent outage; however, some backleakage still exists. Final repairs of these valves is scheduled for the refueling outage currently scheduled for this fall.

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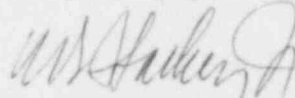
The fire detection system inside the AFW Pump Room continues to be checked for operability once per shift. Fire Door No. 5 will remain open and a security watch posted until such time the heat in the room from the combination of system backleakage and the ambient summer heat subsides.

Schedule For Restoring The Fire Barrier Penetration to Operable Status

Maintenance on the valves is scheduled for the fall refueling outage which will eliminate the source of heat. However, it's believed that ambient conditions should permit closing this door sooner.

If you have any questions regarding this event, please contact me or my staff.

Very truly yours,



R. B. Starkey, Jr.  
General Manager

H. B. Robinson S.E. Plant

CLW/tm