

*Central File*  
50361

**CP&L**

**Carolina Power & Light Company**

**H. B. ROBINSON STEAM ELECTRIC PLANT**  
Post Office Box 790  
Kartsville, South Carolina 29550

August 23, 1977

Robinson File No. 2-8-4-a-1

Mr. James P. O'Reilly, Director  
U. S. Nuclear Regulatory Commission  
Region II, Suite 1217  
230 Peachtree Street, N. W.  
Atlanta, Georgia 30303

Dr. Ernst Volgenau, Director  
U. S. Nuclear Regulatory Commission  
Directorate of Regulatory Operations  
Washington, D. C. 20555

Dear Sirs:

As directed by the NRC on August 22, 1977, the following Reportable Occurrence is submitted in accordance with Section 6.9.2.a.2 of the Technical Specifications.

On August 17, 1977 while performing OWP-APW-11, V2-14C, steam driven auxiliary feedwater pump discharge valve to "C" steam generator, was test operated. The check valve on the steam driven auxiliary feedwater pump line failed to close and thereby permitted feedwater to flow through the steam driven auxiliary feedwater pump into the suction line to the motor driven auxiliary feedwater pumps. Simultaneously the reactor tripped which resulted in operation of the auxiliary feedwater pumps. The feedwater in the common suction line caused the relief valves on the suction lines of the auxiliary feedwater pumps to lift.

Prior to returning the reactor to criticality, the following corrective action was performed:

- a. The steam driven auxiliary feedwater pump discharge check valve was repaired, and the pump's casing gasket which was ruptured during the occurrence was replaced.
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