

Carroll
Carroll Power & Light Company

H. B. ROBINSON STEAM ELECTRIC PLANT
Post Office Box 720
Hartsville, South Carolina

November 23, 1973

Robinson File No. Z-0-4-a

Mr. Norman C. Mosley, Director
U. S. Atomic Energy Commission
Directorate of Regulatory Operations, Region II
230 Peachtree Street, N.E.
Suite 818
Atlanta, Georgia 30303

Mr. John F. O'Leary
Directorate of Licensing (Office of Regulation)
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Sir:

In accordance with section 6.6.2 of the Technical Specifications, the following abnormal occurrence is reported:

1. Report No. 50-260/72-70
- 2a. Date November 22, 1973
- 2b. Occurrence Date November 22, 1973
3. Facility H. B. Robinson Unit No. 2, Hartsville, South Carolina
4. Identification of Occurrence
Primary to secondary loss in Steam Generator "C".
5. Conditions Prior to Occurrence
The plant was operating normally at full power.

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6. Description of Occurrence

At 1110 hours on November 23, 1973, radiation monitors alarmed indicating radioactivity in the secondary plant. Investigation showed the source of the leak to be Steam Generator "C". A leakage rate evaluation indicated a leakage rate of approximately 4 gpm from primary to secondary. The plant was taken to hot shutdown at 1304, and a cooldown was begun at 1512.

7. Designation of the Apparent Cause of the Occurrence

The leak resulted from a failure in the primary to secondary pressure boundary within Steam Generator "C".

8. Analysis of Occurrence

No personnel injuries occurred, and activity releases were minimal and within limits.

9. Corrective Action

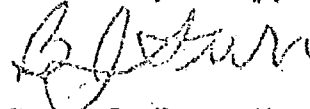
Following plant shutdown Steam Generator "C" will be entered for investigation. Corrective actions will depend on investigative results.

10. Failure Data

This generator is a Westinghouse Series 44 vertical steam generator, serial number 16A6081-2.

Previous problems in this steam generator have been cladding separation on June 11, 1973, and tube corrosion in May, 1972.

Yours very truly,



Henry J. Furr, Manager
H. B. Robinson SSG Plant

ACZ:gg

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Letter from Carolina Power and Light Company, B. J. Furr,
dated November 29, 1973 - 50-261

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