

Carolina Power & Light Company

Raleigh, North Carolina 27602

July 18, 1972

Mr. John F. O'Leary, Director
 Directorate of Licensing
 U. S. Atomic Energy Commission
 Washington, D. C. 50545

H. B. ROBINSON PLANT
 LICENSE DPR-23
MALFUNCTION OF "B" STEAM LINE ISOLATION VALVE

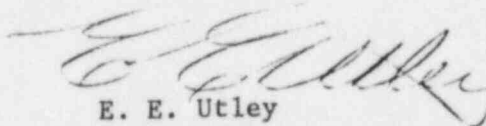
Dear Mr. O'Leary:

In accordance with Paragraph 6.6.3.a, Technical Specifications, it is reported that on July 9, 1972, the "B" steam line isolation valve did not function properly during a periodic test. Instead of cycling closed for approximately 2" of stem travel and then re-opening to the fully open position as expected when the valve controls were put in test mode, the valve closed completely. The resulting transient initiated a reactor trip on steam generator "Lo-Lo" level and caused the power operated relief valve to operate.

The reactor was placed in a cold shutdown condition, the cause of the shutdown investigated, and repairs made. With the assistance of the valve manufacturer's representative, repairs were made to the affected valve and the controls on all three valves carefully checked and adjusted. Disassembly of the valve operator and valve internals revealed that a pin had sheared in the linkage between the valve stem and the disc.

All repairs and adjustments to the valve were completed, all three isolation valves tested for proper operation, and the plant returned to operation on July 13, 1972.

Yours very truly,



E. E. Utley
 Manager

Bulk Power Supply

EEU:HH

cc: Mr. C. D. Barham
 Mr. N. B. Bessac
 Mr. B. J. Furr

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