

## Carolina Power &amp; Light Company

Raleigh, North Carolina 27602

August 27, 1971

Dr. Peter A. Morris  
 Division of Reactor Licensing  
 U. S. Atomic Energy Commission  
 Washington, D. C. 20545



H. B. ROBINSON STEAM ELECTRIC PLANT  
 UNIT NO. 2  
 LICENSE DPR-23

Dear Dr. Morris:

On May 14, 1971 one of the reactor trip breakers failed to open when a trip signal was applied. An investigation of the failure disclosed that a malfunction in the circuit breaker undervoltage trip device prevented the breaker from operating. The faulty component was a Westinghouse Electric Corporation, Style 23A9019C61, undervoltage trip device installed in a Westinghouse, type DB50, 1600 amp frame size, code A, circuit breaker. The latch pin, shown on the enclosed drawing, broke causing the latch to bind and preventing the trip lever from operating.

The trip device in the affected breaker was replaced. Additionally, the latch pins in the other trip breakers were inspected for signs of brittle fracture or other indications of impending failure. No additional abnormal conditions were detected.

It was concluded that the latch pin failure was a random event and that the design of the device was satisfactory for the intended service.

Yours very truly,

*E. E. Utley*  
 E. E. Utley  
 Manager

Generation & System Operations

NBB:HH

Enclosure

cc: Mr. G. P. Beatty  
 Mr. N. B. Bessac  
 Mr. C. D. Barham

*Review during inspection - commitment for RPT*  
*Discussion in CC Insp RPT*

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