



ALABAMA POWER COMPANY  
JOSEPH M. FARLEY NUCLEAR PLANT  
DOCKET NO. 50-348  
ATTACHMENT TO LER 79-036/03L-0

Facility: Joseph M. Farley Unit 1

Report Date: 9/28/79

Event Date: 9/3/79

Identification of Event:

Loop "B" RHR Relief Valve Isolation Valves inadvertently closed during the performance of a surveillance test.

Conditions Prior to Event:

The unit was in Mode 5.

Description of Event:

At 2200 on 9/3/79 while performing FNP-1-STP-11.7 (Verifying RHR Relief Valve Isolations are Open), the "B" Train RHR Relief Valve Isolation Valves (8702A and B) went shut when power was applied to the actuators to enable valve position indication. Tech. Spec. 3.4.9.3, in part, requires that valves 8702A and B be operable. Tech. Spec. 3.4.9.3 action statement requirements were met.

Designation of Apparent Cause:

A portion of the "B" train of the Solid State Protection System had been de-energized to allow implementation of the Feed Regulator Bypass Valve modification. The fuses that were pulled to de-energize the rack caused the output circuit to send a signal to close valves 8702A and B. As soon as power was applied to the valve actuators the valves stroked shut and would not reopen.

Analysis of Event:

The "A" Train RHR was operable and in service. The health and safety of the public were not affected.

Effect on Plant:

This occurrence had no significant effect on the plant.

Corrective Action:

The close signal was identified and cleared, and valves 8702A and B were reopened. A design change has been submitted to evaluate a power for valve position indication from a different supply than valve actuator power supply.

Failure Data:

None

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