

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTEVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

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LER SUPPLEMENTAL INFORMATION

BFRO-56- 259 / 82012 R1 Technical Specification Involved 3.5.B.4

Reported Under Technical Specification 6.7.2.b.(2) \* Date Due NRC 2/24/82

Event Narrative:

The event occurred with unit 1 operating at 93-percent power, unit 2 operating at 99-percent power, and unit 3 in a refueling outage. During the performance of Surveillance Instruction 4.5.B.1.d, residual heat removal pumps "B" and "D" minimum flow bypass valve 1-FCV-74-30 failed to close at 500 gallons per minute. Loop II of the low-pressure coolant injection system was declared inoperable and a unit shutdown was commenced per Technical Specification 3.5.B.4.

The normally energized coil for relay 10A-K108B failed. Surveillance instructions required by Technical Specification 3.5.B.3 (Technical Specification 3.5.B.4 interpreted to require testing) were performed. The model 366A772G9 coil for the GE12HFA51A49F 115-volt 60-Hertz relay was replaced and surveillance instruction 4.5.B.1.d successfully completed. The relay coil had overheated and melted the spool material, thus sticking the armature in the energized position. When the relay coil failed, valve 1-FCV-74-30 failed to close because the armature of the coil was stuck in the energized position. Overheating of the coil is considered a random failure and no further recurrence control is required.

\* Previous Similar Events:

NONE

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

\*Revision: JRP