

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

7	80
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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

Figure 1: Schematic representation of the experimental design. The figure is divided into three parts: (a) Pretest, (b) Experiment 1, and (c) Experiment 2. Part (a) shows a sequence of stimuli: a fixation cross, a target stimulus, and a response. Part (b) shows a sequence of stimuli: a fixation cross, a target stimulus, and a response. Part (c) shows a sequence of stimuli: a fixation cross, a target stimulus, and a response.

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LER #: 50-366/1981-078  
Licensee: Georgia Power Company  
Facility Name: Edwin I. Hatch  
Docket #: 50-366

Narrative Report  
for LER 50-366/1981-078

On 8-20-81, with Unit 2 at steady state 88.3% thermal power, the "ECCS Status Check" (HNP-2-1119) was being performed. It was observed by the shift personnel that the RCIC flow controller was not indicating greater than 100% demand while the RCIC system was in standby condition. The controller was placed in manual and the demand dropped further. The RCIC system was declared inoperable (Ref: Deviation 2-81-138) and per Tech Spec 3.7.3, HPCI was operable. No significant event occurred.

Upon investigation it was determined that the self sync control module output circuit was broken. The module was replaced and the system was proven operable per HNP-2-3405 "RCIC Pump Operability".

On 8-21-81, with Unit 2 at steady state 86.9% thermal power, a control room operator observed that the RCIC flow controller, while RCIC was in standby mode, drifted down from greater than 100% demand to less than 70% demand. Placing the controller in manual, the demand drifted further downward. The RCIC system was declared inoperable (Ref: Deviation 2-81-139) and per Tech Spec 3.7.3, HPCI was operable. No significant event occurred.

Upon investigation it was discovered that a resistor in the RCIC ramp generator circuitry was defective and was heating the circuitry to a point of failure. As the resistor cooled, the circuitry became operable. This defective resistor was the cause of the self sync module failing on 8-20-81. The ramp generator was replaced.

This is a repetitive event (Ref: LER 50-366/1981-10) and there were no effects upon public health and safety due to this event. The unit is now in full compliance with the requirements and no further reporting is required.