

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

LER #: 50-366/1981-044
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1981-044

On 5-4-81, at 11:15, and with Unit 2 at steady state 100% thermal power, the monthly test, procedure HNP-2-3302 "HPCI VALVE OPERABILITY", was being performed. As per the procedure the HPCI minimum flow valve 2E41-F012 was closed using the valve control switch. Just before the valve fully closed (the close direction torque switch still activated) the "pump discharge pressure signal to minimum flow bypass" pressure switch (2E41-N027) failed due to an obstruction of the bourdon tube and a "high discharge pressure" signal resulted causing an open signal to be sent to the 2E41-F012 valve. Since the valve received a close signal and an open signal simultaneously the valve motor forward and reverse interlock opened, and the motor was isolated from the resulting electrical race of the open and close logic. The HPCI system was declared inoperable, and per Tech Specs section 3.5.1 RCIC, ADS, CS, and LPCI systems were operable. No significant event occurred.

The 2E41-N027 instrument was replaced and the 2E41-F012 valve was successfully operated and HPCI was declared operable.

Upon investigation of the failed 2E41-N027 pressure switch it was found that an unused set of contacts (switch #2) was touching the bourdon tube such that the thermal expansion of the tube pushed on switch #2 causing switch #1 (high HPCI pressure) to activate. Instrument personnel have been reminded to ensure proper clearance of nonused switches in this type of instrument.

This is a nonrepetitive event, and there were no effects upon public health and safety due to this event.

The unit is now in full compliance with the requirements of Tech Specs, and no further reporting is required.