NRC FOR	IM 366 U. S. NUCLEAR REGULATORY COMMISSION
6	LICENSEE EVENT REPORT
4	CONTROL BLOCK
	G A E I H 2 0 0 0 - 0 0 0 0 - 0 0 0 4 1 1 1 1 1 0 57 CAT 58 5 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE J0 57 CAT 58 5
	REPORT L 6 0 5 0 0 3 6 6 0 0 5 0 4 8 1 8 0 5 2 1 8 1 9 SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80
02	With Hatch 2 at steady state 100% power the HPCI valve operability test
03	was being performed. The HPCI min. flow valve would not operate after
04	being closed with the control switch. This is reportable under Tech
05	Specs 6.9.1.9.b. As per Tech Specs 3.5.1 RCIC, ADS, CS, and LPCI were
06	operable, and no significant events occurred. This is a nonrepetitive
07	levent, and there were no effects upon public health and safety due to
	Ithis event.
	SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBCODE SUBCODE
7 8	S F (1) A (12) C (13) I N S I R (0 (4) S (5) Z (0) 9 10 11 12 12 13 13 0CCURRENCE REPORT REVISION
	17 LER/RO EVENT YEAR REPORT NO. CODE TYPE NO.
	NUMBER 21 22 23 24 26 27 28 29 30 31 32 ACTION FUTURE EFFECT SHUTDOWN 22 ATTACHMENT NPRD-4 PRIME COMP. COMPONENT ACTION FUTURE EFFECT SHUTDOWN 22 ATTACHMENT NPRD-4 PRIME COMP. COMPONENT
	LA (B Z (9) Z (2) Z (2) LO O O O Y (3) LY (2) LN (2) LB O C 9(2)
	CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
10	The event was due to a pressure switch "HPCI Pump Discharge" failing as
	the valve was closing. The switch failed due to an obstructed bourdon
12	tube and was replaced. The valve operated properly and HPCI was declared
13	operable. The unit is now in full compliance with the requirements, and
14	Ino further reporting is required.
7 8	STATUS SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32
1 5	E (28) 1 0 0 (29) NA B (31) HPCI Valve Operability Test 9 10 12 13 44 45 46 80
III.	LOCATION OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36
7 8	9 10 11 44 45 80 PERSONNEL EXPOSURES 60
17	NUMBER DESCRIPTION (39) 0 0 0 (37) Z (38) NA
7 8	9 PERSONNEL INJURIES NUMBER DESCRIPTION (41)
7 8	
10	
, к	PUBLICITY INSUED DESCRIPTION (15) 8105290226 NRC USE ONLY
2 0	9 10 NA 68 69 80 2
	NAME OF PREPARER C. L. Coggin, Supt. Plt. Eng. Serv. PHONE 912-367-7851

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-N927 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.