NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

UPDATE REPORT - PREVIOUS REPORT DATE 1/8/80

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

Line	Field	Entry
0 1	LICENSEE CODE (2)	G A E I H 2
	LICENSE NUMBER (3)	0 0 - 0 0 0 0 0 - 0 0
	LICENSE TYPE (4)	4 1 1 1 1
	CAT (5)	
0 1 (CON'T)	REPORT SOURCE (6)	L
	DOCKET NUMBER (7)	0 5 0 0 0 3 6 6
	EVENT DATE (8)	1 2 1 9 7 9
	REPORT DATE (9)	0 2 0 8 8 3

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 While operating at steady-state power on December 19, 1979, the "A"
0 3 power supply for the RCIC Steam Leak Detection System failed. The
0 4 redundant system channel was operable. On December 20, 1979, at steady-
0 5 state power, the "B" power supply for the RCIC steam leak detection
0 6 system failed. The "A" system had been returned to service and was
0 7 operable. The health and safety of the public were not affected by this
0 8 non-repetitive event.

0 9	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP. SUBCODE (15)	VALVE SUBCODE (16)
	I B	E	G	G E N E R A	F	Z

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	7 9	—	1 3 5	/	0 3	X	—	1

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER (26)
A	X	Z	Z	0 0 0 0	Y	N	N	T 2 4 8

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of both events was attributed to excess current on the 125VDC
1 1 input to the power supplies. The excess current caused fuses 7A and 7B
1 2 to blow, disabling the power supplies. The fuses were replaced. This
1 3 event recurred while investigating the cause. Miscellaneous components
1 4 that had failed were replaced.

1 5	FACILITY STATUS (28)	% POWER (29)	OTHER STATUS (30)	METHOD OF DISCOVERY (31)	DISCOVERY DESCRIPTION (32)
	E	0 9 9	NA	A	Operator Observation

1 6	ACTIVITY RELEASED (33)	CONTENT OF RELEASE (34)	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
	Z	Z	NA	NA

PERSONNEL EXPOSURES

1 7	NUMBER (37)	TYPE (38)	DESCRIPTION (39)
	0 0 0	Z	NA

PERSONNEL INJURIES

1 8	NUMBER (40)	DESCRIPTION (41)
	0 0 0	NA

LOSS OF OR DAMAGE TO FACILITY (43)

1 9	TYPE (42)	DESCRIPTION
	Z	NA

8302150517 830208
PDR ADOCK 05000366
S PDR

PUBLICITY

2 0	ISSUED (44)	DESCRIPTION (45)	NRC USE ONLY
	N	NA	

NAME OF PREPARER S. B. Tipps PHONE (912) 367-7851

LER No.: 50-366/1979-135, Revision 1
Licensee: Georgia Power Company
Facility: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1979-135, Revision 1
Update Report - Previous Report Date 1/8/80

While operating at steady-state power on December 19, 1979, the "A" power supply for the RCIC steam leak detection system failed when a fuse on the 125VDC input blew. The failure caused four temperature switches to isolate. The redundant logic was operable. The fuse was replaced and the subsystem was returned to service. While operating at steady-state power on December 20, 1979, the "B" power supply for RCIC steam leak detection system failed in like manner as the "A" power supply above. The "A" logic was operable at the time. The fuse was replaced and the system returned to operable status. The health and safety of the public were not affected by this non-repetitive event.

This type instrument is utilized in other systems on both units, but no generic problems have been discovered at this time.

The cause of both events was attributed to excess current on the 125VDC input to the power supplies. The excess current caused fuses 7A and 7B to blow, disabling the power supplies. The fuses were replaced, and after further investigation it was discovered the contacts needed cleaning, the blower fan had to be replaced, and the cover plate over the capacitor circuit needed insulation to prevent short circuiting the capacitors whenever the plate was touched. These problems have been corrected.