

CONTROL BLOCK: 

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	G	A	E	I	H	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE				30	57	CAT	58

CON'T

REPORT SOURCE: 01 L 050003217 0621818 1231849

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 'B' LPCI inverter R44-S003 tripped on 4 separate occasions on high temp

0 3 resulting in loss of power to 'B' recirc suction and discharge valves

0 4 and LPCI injection valve (making RHR B loop inop). 'B' LPCI inverter

0 5 2R44-S003 tripped while separately backseating recirc suction and dis-

0 6 charge valves 2B31-F023B and F031B, respectively. The recirc valves and

0 7 LPCI injection valve had no power making RHR B loop inop. There were

0 8 no effects upon public health and safety due to this event.

7 8 9

09		SYSTEM CODE E D		11	CAUSE CODE E		12	CAUSE SUBCODE G		13	COMPONENT CODE G E N E R A				14	COMP. SUBCODE F		15	VALVE SUBCODE Z		16
7	8	9	10		11		12		13					14			15		16		
17		LER/RO REPORT NUMBER		EVENT YEAR 8 1		21	22	SEQUENTIAL REPORT NO. 0 5 2		24	26	OCCURRENCE CODE 0 3		28	29	REPORT TYPE X		30	REVISION NO. 1		32
ACTION TAKEN A		FUTURE ACTION E		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. Z		PRIME COMP. SUPPLIER A		COMPONENT MANUFACTURER E 3 5 5					
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Tripping of R44-S003 and 2R44-S003 was attributed to defective thermal

1 1 temperature switch(es) in the inverter leg(s). By 7/13/81 all defect

1 2 thermal temperature switches were replaced in the inverter legs of

1 3 R44-S003 and 2R44-S003.

1 4

8 9  
FACILITY STATUS  
1 5 E 28  
7 8 9  
% POWER  
0 7 2 29 NA  
10 11 12 13  
OTHER STATUS 30  
METHOD OF DISCOVERY  
A 31  
45 46  
DISCOVERY DESCRIPTION 32  
Operator Observation

ACTIVITY CONTENT  
RELEASED OF RELEASE

1 6 Z (33) Z (34) NA (35)

7 8 9 10 11 44

AMOUNT OF ACTIVITY

NA

45

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	37	Z	38	NA	39

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
1	2	3	4
0	0	0	40
		NA	

8 9 11 12  
LOSS OF OR DAMAGE TO FACILITY  
TYPE DESCRIPTION (43)  
1 9 [Z] (42) NA 8501110347 841231  
PDR ADOCK 05000321  
S PDR

IE22  
11

ISSUED DESCRIPTION NA NRC USE ONLY

NAME OF PREPARER T. L. Elton, Acting Supt. of Reg. Comp. (912)367-7851

PHONE

NRC USE ONLY

1000 017 926

NARRATIVE REPORT  
FOR LER 50-321/1981-052, Rev 1  
UPDATE REPORT - PREVIOUS REPORT DATE 7/9/81

REQUIREMENT FOR REPORT:

This 30 day report was formerly required by Tech. Specs. section 6.9.1.9.b due to the event's showing that the unit was not meeting the requirements of Unit I Tech. Specs. section 3.5.B and Unit II Tech. Specs. section 3.5.2.3.

PLANT CONDITIONS AT THE TIME OF THE EVENT(S):

On 6/10/81, at approximately 0317 CDT Unit I was in hot standby. On 6/18/81 at approximately 0010 CDT and 1217 CDT the Unit I was in run, ramping to full load. Then on 6/21/81 Unit I was in run at approximately 1754 MWt (i.e., approximately 72% power).

On 6/16/81 at approximately 1315 CDT and 1422 CDT, Unit II was in steady-state operation at approximately 2254 MWt (i.e. approximately 92.5% power).

DETAILED DESCRIPTION OF THE EVENT(S):

Unit 1's "B" LPCI inverter (R44-S003) tripped on 4 separate occasions on inverter leg high temperature. These trips occurred on 6/10/81 at approximately 0317 CDT, 6/18/81 at approximately 0010 CDT and 1217 CDT, and on 6/21/81 at approximately 1850 CDT. These events resulted in "B" RHR loop's inoperability.

Unit 2's "B" LPCI inverter (2R44-S003) tripped on two (2) occasions on 6/16/81 at approximately 1315 CDT and 1422 CDT due to inverter leg high temperature.

SUMMARY ASSESSMENT OF ACTUAL AND POTENTIAL SAFETY CONSEQUENCES AND IMPLICATIONS:

Unit 1 was placed into a 7-day LCO when each event occurred as required by Tech. Specs. section 3.5.8.2.a.

Unit 2 was placed into a 7-day LCO when each event occurred as required by Tech. Specs. section 3.5.3.2 ACTION a.1. The health and safety of the public were not affected by these events.

STATUS OF REDUNDANT OR BACKUP SUBSYSTEMS AND/OR SYSTEMS:

All redundant/backup systems were operable as required by each event.

JUSTIFICATION FOR CONTINUED OPERATION:

Complying with LCO conditions as required by Tech. Specs. is justification for continued operation.

IF REPETITIVE-NUMBER OF PREVIOUS LER:

This is a non-repetitive event.

WHY CORRECTIVE ACTION DID NOT PREVENT RECURRENCE:

N/A

IMPACT TO OTHER SYSTEMS AND/OR UNIT:

Both units have the same type of LPCI inverters.

CAUSE(S) OF THE EVENTS(S):

The cause of the R44-S003 and 2R44-S003 inverter leg high temperature trips was attributed to defective thermal temperature switches in the inverter legs.

IMMEDIATE CORRECTIVE ACTION(S):

The respective inverter trips were reset and returned to service.

SUPPLEMENTAL CORRECTIVE ACTION(S):

The defective thermal temperature switches on R44-S003 and 2R44-S003 were replaced by 7/13/81.

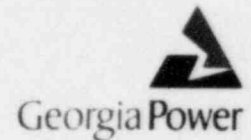
SCHEDULED (FUTURE) CORRECTIVE ACTION(S):

N/A

ACTION(S) TO PREVENT RECURRENCE (IF DIFFERENT FROM CORRECTIVE ACTIONS):

Same as above.

Georgia Power Company  
Post Office Box 439  
Baxley, Georgia 31513  
Telephone 912 367-7781  
912 537-9444



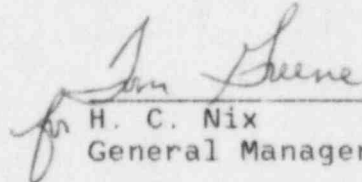
Edwin I. Hatch Nuclear Plant

December 31, 1984  
GM-84-1131

PLANT E. I. HATCH  
Licensee Event Report  
Docket No. 50-321

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Attached is Licensee Event Report 50-321/1981-052, Rev. 1. This report was formerly required by Hatch Unit 1 Technical Specifications section 6.9.1.9.b.

  
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H. C. Nix  
General Manager

HCN/TLE/vlz

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IE22  
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