NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

UPDATE REPORT
PREVIOUS REPORT DATE 7-9-81

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

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

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.

0 9	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

⑰ LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 1	—	0 5 2	/	0 3	X	—	1

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS ㉒	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
A ⑱	E ⑲	Z ⑳	Z ㉑	0 0 0 0	Y ㉓	Z ㉔	A ㉕	E 3 5 5 ㉖

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

1 5	FACILITY STATUS: E ㉘	% POWER: 0 7 2 ㉙	OTHER STATUS ㉚: NA	METHOD OF DISCOVERY: A ㉛	DISCOVERY DESCRIPTION ㉜: Operator Observation
1 6	ACTIVITY RELEASED: Z ㉝	CONTENT OF RELEASE: Z ㉞	AMOUNT OF ACTIVITY ㉟: NA		LOCATION OF RELEASE ㊱: NA

PERSONNEL EXPOSURES

1 7	NUMBER: 0 0 0 ㊲	TYPE: Z ㊳	DESCRIPTION ㊴: NA

PERSONNEL INJURIES

1 8	NUMBER: 0 0 0 ㊵	DESCRIPTION ㊶: NA

LOSS OF OR DAMAGE TO FACILITY ㊸

1 9	TYPE: Z ㊷	DESCRIPTION: NA

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PDR ADOCK 05000321
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PUBLICITY

2 0	ISSUED: N ㊹	DESCRIPTION ㊺: NA	NRC USE ONLY: ☐☐☐☐☐☐☐☐☐☐☐☐

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

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.B.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

Georgia Power

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.

for Tom Greene
H. C. Nix
General Manager

HCN/TLE/vlz

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