

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
EDWIN I. HATCH, UNIT 1

DOCKET NUMBER (2)

0 5 0 0 0 3 2 1 1 OF 0 3

PAGE (3)

TITLE (4)

Failure to comply with Tech. Specs. Functional test Frequency

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)												
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)										
0	3	2	7	8	4	8	4	0	0	4	0	5	0	0	0						
0	3	2	7	8	4	8	4	0	0	4	2	5	8	4	0	5	0	0	0		

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)									
POWER LEVEL (10)	1 0 0	20.402(b)		20.406(c)		50.73(a)(2)(iv)		73.71(b)			
		20.406(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)		73.71(c)			
		20.406(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vii)		OTHER (Specify in Abstract below and in Text, NRC Form 366A)			
		20.406(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(viii)(A)					
		20.406(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)					
		20.406(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(ix)					

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Steven B. Tipps, Superintendent of Regulatory Compliance	9 1 1 2 3 6 1 7 1 7 8 5 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
	X				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On 03/27/84, while performing a "Review of Amendment for Data Base Revision" Form 1 per the requirements of the "Technical Specifications (Tech. Specs.) Surveillance Program" procedure (HNP-831), plant personnel determined that the Scram Discharge Volume High High Level thermal level sensors (1C11-N060 A-D) had not been functionally tested at the required frequency. Amendment # 97 to Unit 1 Tech. Specs. (issued on 01/04/84) incorporated these sensors and their respective test frequencies as item 7.b of Tech. Specs. Tables 3.1-1 and 4.1-1. Tech. Specs. Table 4.1-1 requires a monthly instrument functional test frequency. Subsequent investigation revealed no functional test procedure existed for these instruments. Thus, the instrument functional test minimum frequency requirement for item 7.b was not being met.

As part of the corrective action on 03/27/84, the "SCRAM LEVEL DISCHARGE VOLUME LEVEL (THERMAL SENSORS) INSTRUMENT FT&C" procedure (HNP-1-3019) was written and satisfactorily completed.

8404300093 840425
PDR ADOCK 05000321
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
EDWIN I. HATCH, UNIT 1	0 5 0 0 0 3 2 1 8 4	—	0 0 4	— 0 0	0 2	OF	0 3

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On 03/27/84, with the reactor mode switch in the run position and reactor power at 2426 MWt (approximately 100% power), plant personnel were performing a "Review of Amendment for Data Base Revision" Form 1 per the requirements of the "Technical Specifications (Tech. Specs.) Surveillance Program" procedure (HNP-831). As a result of this review, plant personnel determined that the Scram Discharge Volume High High Level thermal level sensors (1C11-N060 A-D) had not been functionally tested at the required frequency. Amendment # 97 to Unit 1 Tech. Specs. (issued on 01/04/84) incorporated these sensors and their respective test frequencies as item 7.b of Tech. Specs. Tables 3.1-1 and 4.1-1. Tech. Specs. Table 4.1-1 requires a monthly instrument functional test frequency. Subsequent investigation revealed no functional test procedure existed for these instruments. Thus, the instrument functional test minimum frequency requirement for item 7.b of Tech. Specs. Table 4.1-1 was not being met.

No actual or potential safety consequences or implications resulted from this event. The redundant Scram Discharge Volume High High Level float switches (1C11-N013A-D) remained operable, and they were being functionally tested at the required frequencies with the test results acceptable.

This event had no impact on any other Unit 1 systems or on Unit 2. The health and safety of the public were not affected by this non-repetitive event.

Since the surveillance was not being performed as required, a conservative approach would be to consider the sensors inoperable. With all of these sensors inoperable, Tech. Specs. Table 3.1-1 requires "initiate insertion of all control rods capable of being moved by control rod drive pressure and complete their insertion within four (4) hours". Instead of this action, the plant used engineering judgement (with the concurrence of regulatory authorities) and made the decision to consider the sensors operable until the functional test of the sensors could be performed.

Factors in the decision were:

- The sensors are essentially bi-stable and not subject to drift, and they were satisfactorily functionally tested on 12/21/83 following their being installed per a design change.
- The sensors are diverse and redundant to the 1C11-N013A-D float switches which have been in service since 1974.
- The float switches had been recently satisfactorily checked per the "HIGH SCRAM DISCHARGE VOLUME LEVEL FLOAT SWITCH INSTRUMENT FT&C" PROCEDURE (HNP-1-3004).

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
EDWIN I. HATCH, UNIT 1	0 5 0 0 0 3 2 1	8 4	— 0 0 4	— 0 0	0 3	OF	0 3

TEXT (If more space is required, use additional NRC Form 366A's) (17)

The cause of this event is personnel error. When the Tech. Specs. amendment was issued, the responsible individual failed to ensure that a new procedure was written in a timely manner such that the plant would comply with the new surveillance requirement for item 7.b of Tech. Specs. table 4.1-1. This was a failure to comply with the "Technical Specifications (Tech. Specs.) Surveillance Program" procedure (HNP-831).

On 03/27/84, the "SCRAM LEVEL DISCHARGE VOLUME LEVEL (THERMAL SENSORS) INSTRUMENT FT&C" procedure (HNP-1-3019) was written and satisfactorily completed. This is an isolated event, and the importance of compliance with HNP-831 has been stressed to the responsible individual. Compliance with the "Technical Specifications (Tech. Specs.) Surveillance Program" procedure (HNP-831) should prevent recurrence of this event.

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



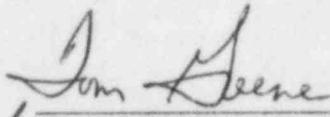
Edwin I. Hatch Nuclear Plant

April 25, 1984
GM-84-986

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 No. 50-321/1984-04. This report is required by 10 CFR50.73(a)(2)(ii).


for H. C. Nix
General Manager

HCN/SBT/djs

xc: R. J. Kelly
R. E. Conway
J. T. Beckham, Jr.
P. D. Rice
K. M. Gillespie
S. B. Tipps
R. D. Baker
Control Room
Document Control

IE22
1/1