

CONTROL BLOCK: [ ] [ ] [ ] [ ] [ ] [ ] [ ] (1)

(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 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	0	3	2	1	7	1	1	0	2	8	3	8	1	2	0	1	8	3	9
60	61	DOCKET NUMBER						68	69	EVENT DATE						74	75	REPORT DATE						80

On 11/02/83, during performance of the "CORE SPRAY PUMP OPERABILITY" procedure (HNP-1-3201), surveillance personnel noted the flow indicator (1E21-R601B) for the "B" loop of core spray was indicating at 4400 gpm. This event is contrary to the requirements of Tech. Specs. section 4.5.A.1.b. ADS, RCIC, LPCI mode of RHR and the "A" loop of core spray remained operable during this event. The health and safety of the public were not affected by this non-repetitive event.

09		SYSTEM CODE CJ		CAUSE CODE E		CAUSE SUBCODE E		COMPONENT CODE INSTRU				COMP. SUBCODE T		VALVE SUBCODE Z			
7	8	9	10	11	12	12	13	13	14	15	16	17	18	19	20		
LER/RO REPORT NUMBER 17		EVENT YEAR 83		SEQUENTIAL REPORT NO. 107		OCCURRENCE CODE 03		REPORT TYPE L		REVISION NO. 0							
ACTION TAKEN C		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0000		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A		COMPONENT MANUFACTURER G080	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

1 0 | This event is the result of the flow indicator's transmitter (1E21-N003B)

1 1 | being out of calibration. The transmitter was replaced, calibrated

1 2 | and functionally tested satisfactorily. The "B" loop of core spray was

1 3 | then functionally tested satisfactorily per HNP-1-3201 and returned to

1 4 | service on 11/21/83.

FACILITY STATUS      % POWER      OTHER STATUS      METHOD OF DISCOVERY      DISCOVERY DESCRIPTION

1 5    E (28)    0 6 9 (29) NA    B (31)    Surveillance Test

ACTIVITY CONTENT  
RELEASED OF RELEASE

1 6 Z 33 Z 34 NA

AMOUNT OF ACTIVITY (35)

LOCATION OF RELEASE (36)

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	0	0	0	41 NA

8312130092 831201  
PDR ADPOCK 05000000

LOSS OF OR DAMAGE TO FACILITY (3)  
TYPE DESCRIPTION

1 9 7 (42) NA

S 05000321  
PDR

7	8	9	10	80
PUBLICITY				
ISSUED	DESCRIPTION	(45)	NRC USE ONLY	

[illegible]

PHONE: (912) 367-7851

NRC USE ONLY

917-928

NARRATIVE REPORT  
FOR LER 50-321/1983-107

LICENSEE : GEORGIA POWER COMPANY  
FACILITY NAME : EDWIN I. HATCH  
DOCKET NUMBER : 50-321

Tech. Specs. section(s) which requires report:

This 30-day LER is 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 Tech. Specs. section 4.5.A.1.b.

Plant conditions at the time of the event(s):

On 11/02/83, the plant was in steady state operation at 1686 MWt (approximately 69% power) when this event occurred.

Detailed description of the event(s):

On 11/02/83, with HPCI out of service for preventive maintenance, the "CORE SPRAY PUMP OPERABILITY" procedure (HNP-1-3201) was being performed to prove operability. It was then noted by surveillance personnel that the flow indicator (1E21-R601B) for the "B" loop of core spray was indicating at 4400 gallons per minute at a system head of 300 psig. This is contrary to the requirements of Tech. Specs. section 4.5.A.1.b (i.e., each core spray loop shall deliver 4625 gpm at a system head greater than 113 psig).

Consequences of the event(s):

Plant operation was not affected by this event. The health and safety of the public were not affected by this event.

Status of redundant or backup subsystems and/or systems:

The redundant "A" loop of core spray remained operable during this event. Additionally, the ADS system, RCIC system and the RHR system's LPCI mode remained operable during this event.

Justification for continued operation:

Plant operation was placed under a 24 hour LCO as per Tech. Specs. section 3.5.D.3; however, the HPCI system was returned to service within approximately 8.5 hours. Thus, plant operation continued under a 7 day LCO as permitted by Tech. Specs. section 3.5.A.2.

Note: The reactor was placed in cold shutdown at 11:58 hours on 11/05/83 for the fuel reconstitution outage. After 11:58 on 11/05/83 and until the "B" loop core spray was returned to service on 11/21/83, the core spray system was not required to be operable per Tech. Specs. section 3.5.A.1.a.(2).

If repetitive, number of previous LER:

This is a non-repetitive event.

Impact to other systems and/or Unit:

This event did not affect any other Unit 1 system. This event did not affect Unit 2.

Cause(s) of the event(s):

This event is the result of the flow indicator's (1E21-R601B) being out of calibration due to its flow transmitter (drive unit for the indicator) being out of calibration. Further investigation revealed that the flow transmitter would not recalibrate. It was noted during the investigation that when the 1E21-R601B indicated 4400 gpm that the actual flow was 4637 gpm.

Immediate Corrective Action:

The flow indicator's transmitter (1E21-N003B) was replaced with a different type transmitter per DCR-83-212. The flow indicator was recalibrated per the "GE TYPE 180 INDICATOR" procedure (HNP-1-5233) and the flow transmitter was calibrated per the "GE TYPE 555 & 556 PRESSURE TRANSMITTERS" procedure (HNP-1-5210). The "B" loop of core spray was functionally tested satisfactorily per HNP-1-3201 and returned to service on 11/21/83.

Supplemental Corrective Action:

No supplemental corrective action was required.

Scheduled (future) corrective action:

No future corrective action is required.

Action to prevent recurrence (if different from corrective actions):

N/A

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



Georgia Power

DEC 7 P2:27

Edwin I. Hatch Nuclear Plant

December 1, 1983  
GM-83-1147

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

United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II  
Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

ATTENTION: Mr. James P. O'Reilly

Attached is Licensee Event Report No. 50-321/1983-107. This report is required by Hatch Unit 1 Technical Specifications Section 6.9.1.9.b.

*Levin Sumner*  
H. C. Nix  
for General Manager

HCN/GBT/djs

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