

LICENSEE EVENT REPORT

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

01 G A E I H 1 (2) 0 0 - 0 0 0 0 0 0 - 0 0 (3) 4 1 1 1 1 (4) (5)

7 8 9 14 15 25 26 30 57 CAT 58

LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T

01 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)

7 8 60 61 68 69 74 75 80

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 11/02/83, during performance of the "CORE SPRAY PUMP OPERABILITY"

03 procedure (HNP-1-3201), surveillance personnel noted the flow indicator

04 (1E21-R601B) for the "B" loop of core spray was indicating at 4400 gpm.

05 This event is contrary to the requirements of Tech. Specs. section

06 4.5.A.1.b. ADS, RCIC, LPCI mode of RHR and the "A" loop of core spray

07 remained operable during this event. The health and safety of the public

08 were not affected by this non-repetitive event.

7 8 9 80

09 C J (11) E (12) E (13) I N S T R U (14) T (15) Z (16)

7 8 9 10 11 12 13 18 19 20

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

17 8 3 1 0 7 0 3 L 0

21 22 23 24 26 27 28 29 30 31 32

LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

C (18) Z (19) Z (20) Z (21) 0 0 0 0 (22) Y (23) N (24) A (25) G 0 8 0 (26)

33 34 35 36 37 40 41 42 43 44 47

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

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

11 being out of calibration. The transmitter was replaced, calibrated

12 and functionally tested satisfactorily. The "B" loop of core spray was

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

14 service on 11/21/83.

7 8 9 80

15 E (28) 0 6 9 (29) NA (30) B (31) Surveillance Test (32)

7 8 9 10 12 13 44 45 46 80

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

16 Z (33) Z (34) NA (35) NA (36)

7 8 9 10 11 44 45 80

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

17 0 0 0 (37) Z (38) NA (39)

7 8 9 11 12 13 80

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

18 0 0 0 (40) NA (41)

7 8 9 11 12 80

PERSONNEL INJURIES NUMBER DESCRIPTION

19 Z (42) NA (43)

7 8 9 10 80

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

20 N (44) NA (45)

7 8 9 10 80

PUBLICITY ISSUED DESCRIPTION

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

NRC USE ONLY

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

82 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.

Lewis Sumner
H. C. Nix

for General Manager

HCN/GBT/djs

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

OFFICIAL COPY

4622

1/1