

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	G	A	E	I	H	I	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	9						14						25						30						57		58	
		LICENSEE CODE						LICENSE NUMBER												LICENSE TYPE									

CON'T

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During a routine walkdown for a design change request, Architect
0 3 Engineer (A/E) personnel determined that 4 sets of the RWCU differential
0 4 temperature thermocouples were inoperable. Also, the remaining 2 sets
0 5 of the RWCU differential temperature thermocouples were inoperable as
0 6 installed. Thus, the plant was unable to meet the requirements of item
0 7 10 of Tech. Specs. table 3.2-1. Public health and safety were not
0 8 affected by this non-repetitive event.

0	9	SYSTEM CODE C G		11	CAUSE CODE B		12	CAUSE SUBCODE A		13	COMPONENT CODE Z Z Z Z Z Z					14	COMP. SUBCODE Z		15	VALVE SUBCODE Z		16
7	8	9	10		11		12		13		14	15	16	17	18	19	20					
17		LER/RO REPORT NUMBER		EVENT YEAR 8 3		23	SEQUENTIAL REPORT NO. 1 1 5			26	OCCURRENCE CODE 0 1		28	29	REPORT TYPE T		30	REVISION NO. 0		32		
21		22				23	24			25	27		28	29	30		31	32				
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS			ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
F		G		Z		Z		0 0 0 0			Y		N		Z		Z 9 9					
33		34		35		36		37			40		41		42		43		44			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The 4 sets of RWCU differential temperature thermocouples were

1 1 inoperable due to improper drawings provided by the A/E at start-up.

1 2 The cause of the 2 sets of RWCU differential temperature thermocouples

1 3 being inoperable (due to their wires being reversed to match the other

1 4 4 sets) is unknown. (See narrative for more details.)

1 5 H 28 FACILITY STATUS 0 0 0 29 % POWER NA OTHER STATUS 30 METHOD OF DISCOVERY D 31 Architect Engineer Notification 32 DISCOVERY DESCRIPTION

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 Z 34

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

44

45

46

LOCATION OF RELEASE (36)

NA

45

80

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	40 NA

1 9 Z (42) NA 8401030112 831216
PDR ADOCK 05000321
S PDR

8 9 10 80

PUBLICITY

ISSUED DESCRIPTION (45) NA

(2) (0) (N) (44)

NRC USE ONLY

NAME OF PREPARER S. B. TIPPS

PHONE: (912) 367-7851

NARRATIVE REPORT
FOR LER 50-321/1983-115

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

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

This 14-day LER is required by Tech. Specs. section 6.9.1.8.b due to the event's showing that the unit was not meeting the requirements of item 10 of Tech. Specs. table 3.2-1.

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

The plant was in the shutdown for a fuel reconstitution outage at 0 MWt when this event was determined.

Detailed description of the event(s):

During a routine walkdown for a design change request, Architect Engineer (A/E) personnel determined that 4 sets of the RWCU differential temperature thermocouples as installed per Architect Engineering drawing were inoperable. As wired and physically located in the RWCU rooms and the reactor building, the 4 sets of RWCU differential temperature thermocouples would not isolate RWCU properly. Thus, the intended function for the RWCU differential temperature thermocouples (i.e., steam leak detection) as required by item 10 of Tech. Specs. table 3.2-1 was not being met.

Also, the remaining 2 sets of thermocouples were determined to have their wires reversed at their respective differential temperature switches (i.e., thus matching the wiring verses physical location error of the other 4 sets of thermocouples). Again, the plant was unable to comply with the requirements of item 10 of Tech. Specs. table 3.2-1.

Consequences of the event(s):

At the time of discovery the plant was shutdown for a fuel reconstitution outage; however, the problem has apparently existed since startup. Thus, plant conditions were 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 other RWCU isolations which could isolate RWCU due to a steam leak in the RWCU area (i.e., item numbers 8 and 9 of Tech. Specs. table 3.2-1) were operable and have been operable most of the time when these were inoperable.

Justification for continued operation:

The RWCU differential temperature thermocouples were corrected immediately to comply with the requirements of item 10 of Tech. Specs. table 3.2-1. This was done prior to startup following the reconstitution outage.

If repetitive, number of previous LER:

This is a non-repetitive event.

Impact to other systems and/or Unit:

The Unit 2 RWCU differential temperature thermocouples' locations and wiring was checked to insure that this event did not impact any Unit 2 system. Also, this event did not impact any other Unit 1 systems.

Cause(s) of the event(s):

The 4 sets of RWCU differential temperature thermocouples were inoperable due to insufficient coordination between the physical and the electrical design groups of the Unit 1 A/E. The cause of the other 2 sets of RWCU differential temperature thermocouples' having their wires reversed (i.e., thus matching the wiring error versus the physical location of the first 4 sets of RWCU differential temperature thermocouples) is unknown; however, it is postulated these wires were rolled during the B21 pre-op prior to the Unit 1 initial startup.

Immediate Corrective Action:

The first 4 sets of RWCU differential temperature thermocouples were corrected at the differential temperature switches by reversing which thermocouple of the differential temperature thermocouple set would actuate the switch. The other 2 sets of RWCU differential temperature thermocouples were returned to their original "as designed" configuration by also reversing which thermocouple of the differential temperature thermocouple set would actuate the switch.

Supplemental Corrective Action:

No further corrective action is required.

Scheduled (future) corrective action:

No scheduled 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



Edwin I. Hatch Nuclear Plant

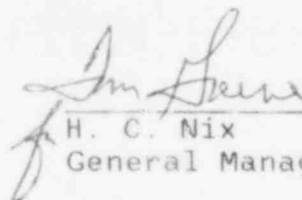
December 16, 1983
GM-83-1203

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. 50-321/1983-115. This report is required by Hatch Unit 1 Technical Specifications Section 6.9.1.8.b.


H. C. Nix
General Manager

112
HCN/SBT/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

111
OFFICIAL COPY
7822