

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	G	A	E	I	H	2	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5	
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT	58

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0	1
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REPORT SOURCE

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0	2	During the performance of maintenance, the "B" hydrogen/oxygen analyzer
0	3	(2P33-P001E) was determined to be inoperable due to erratic operation.
0	4	This is a failure to meet the "MINIMUM CHANNELS OPERABLE" requirement
0	5	for item 9 of Tech. Specs. Table 3.3.6.4-1. A 30-day LCO was established
0	6	per the requirements of Tech. Specs. section 3.3.6.4, ACTION a. The
0	7	health and safety of the public were not affected by this repetitive
0	8	event as last reported on LER number 50-366/1983-003.

09		SYSTEM CODE SE		11	CAUSE CODE E		12	CAUSE SUBCODE X		13	COMPONENT CODE PUMPX				14	COMP. SUBCODE C		15	VALVE SUBCODE Z		16
7	8	9	10		11	12		12		13				14		15		16			
17		LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.									
17				83		074		03		L		0									
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
A		Z		Z		Z		0000		Y		N		A		D096					
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	0	The cause of this event was component failure. The hydrogen/oxygen
1	1	analyzer was inoperable due to worn diaphragms in the diaphragm pump
1	2	(supplies gas flow through the hydrogen and oxygen detectors). This
1	3	caused erratic pump operation. The worn diaphragms were replaced.
1	4	The analyzer was returned to service on 08/02/83.

FACILITY STATUS										% POWER										OTHER STATUS										METHOD OF DISCOVERY										DISCOVERY DESCRIPTION									
1	5	E		28	0	7	8	29	NA		A	31	Operator Observation																																				
ACTIVITY CONTENT										AMOUNT OF ACTIVITY										LOCATION OF RELEASE																													
1	6	Z		33	Z	34	NA																																										
PERSONNEL EXPOSURES										DESCRIPTION																																							
1	7	0		0	0	37	Z	38	NA																																								
PERSONNEL INJURIES										DESCRIPTION																																							
1	8	0		0	0	40	NA																																										
LOSS OF OR DAMAGE TO FACILITY										DESCRIPTION										8309060124 830818 PDR ADOCK 05000366 S PDR																													
1	9	Z		42	NA																																												
PUBLICITY										DESCRIPTION										NRC USE ONLY																													
2	0	N		44	NA																																												

NAME OF PREPARER S. B. Tipps

PHONE: (912) 367-7851

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NARRATIVE REPORT
FOR LER 50-366/1983-074

LICENSEE : GEORGIA POWER COMPANY
FACILITY NAME : EDWIN I. HATCH
DOCKET NUMBER : 50-366

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 3.3.6.4, and Table 3.3.6.4-1, Item 9.

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

On July 26, 1983, the plant was in steady-state operation at 1890 MWT (approximately 78% reactor power).

Detailed description of the event(s):

During the performance of maintenance, the "B" hydrogen/oxygen analyzer (2P33-PO01B) was determined to be inoperable due to the erratic operation of the analyzer. Thus, the plant could not meet the "MINIMUM CHANNELS OPERABLE" requirement for item 9 of Tech. Specs. Table 3.3.6.4-1.

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 "B" hydrogen/oxygen analyzer (2P33-PO01A) remained operable throughout this event.

Justification for continued operation:

Continued operation is permitted by the establishment of the 30-day LCO per requirements of Tech. Specs. section 3.3.6.4, ACTION a.

If repetitive, number of previous LER:

This LER is repetitive as last reported by LER number 50-366/1983-003.

Impact to other systems and/or Unit:

This event had no impact on any other system, nor did it impact the other unit.

Cause(s) of the event(s):

The cause of this event was attributed to component failure. The hydrogen/oxygen analyzer was inoperable due to worn diaphragms in the diaphragm pump (supplies gas flow through the hydrogen and oxygen detectors). This caused erratic pump operation, which in turn, caused erratic analyzer operation.

Immediate Corrective Action:

The worn diaphragms were replaced, and the analyzer was returned to service on August 2, 1983.

Supplemental Corrective Action:

Flow regulators R1, R2, R3, R4 and orifices associated with gas flow were cleaned.

Scheduled (future) corrective action:

There is no scheduled corrective action.

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

USNRC REGION II
ATLANTA, GEORGIA



Georgia Power

83 AUG 30 AIO: 34

Edwin I. Hatch Nuclear Plant

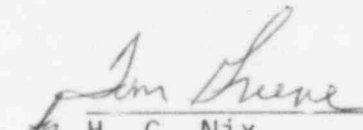
August 18, 1983
GM-83-824

PLANT E. I. HATCH
Licensee Event Report
Docket No. 50-366

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. 50-366/1983-074. This report is required by Hatch Unit 2 Technical Specifications Section 6.9.1.9.b.


H. C. Nix
General Manager

SSS
HCN/SBT/djs

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Narrative Report for LER 50-366/1983-063

Page Two

Status of redundant or backup subsystems and/or systems:

The flow transmitters for the remaining jet pumps were operable throughout this event.

Justification for continued operation:

The jet pump flow transmitters (2B21-NO34 R and T) were restored to operable status immediately.

If repetitive, number of previous LER:

This is a non-repetitive event.

Impact to other systems and/or Unit:

This event affected no other systems on Unit 2; this event had no effect on Unit 1.

Cause(s) of the event(s):

The cause of this event is unknown, but it is postulated as contractor personnel error. Jet pump flow transmitters 2B21-NO34R and T were isolated for the testing of the excess flow check valve 2B21-F051C (reference, LER number 50-366/1983-021); this testing was performed by contractor personnel. It is postulated that these personnel failed to return the instrument valves for these instruments to the correct position when the excess flow check valve was returned to service. The postulated responsible personnel were terminated just prior to start-up (i.e., prior to the discovery of this event). Also, these valves were not included on any valve line-up procedure.

Immediate Corrective Action:

The flow transmitters (2B21-NO34 R and T) for jet pumps number 18 and 19 were returned to service on July 25, 1983.

Supplemental Corrective Action:

All jet pump flow transmitters were verified operable.

Scheduled (future) corrective action:

The jet pump flow transmitters are being added to the "RPS & ECCS INSTRUMENT VALVE LINE-UP" procedure (HNP-2-1004).

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

N/A