

## LICENSEE EVENT REPORT

UPDATE REPORT

PREVIOUS REPORT DATE 12/27/83

CONTROL BLOCK: 

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

(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	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	L	6	0	5	0	0	0	3	6	6	7	1	1	2	9	8	3	8	0	2	0	2	8	4	9
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

  
7 8 9 REPORT SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On 11/29/83, during a control panel walkdown, the "B" H<sub>2</sub>O<sub>2</sub> analyzer was

0 3 | noted inoperable. On 12/04/83, during performance of the "CONSIP DELPHI

0 4 | MODEL K-IV HYDROGEN AND OXYGEN ANALYZER FT&C" procedure (HNP-2-3882),

0 5 | the "A" H<sub>2</sub>O<sub>2</sub> analyzer was noted inoperable. Both events are contrary

0 6 | to the requirements of T.S. Table 3.3.6.4-1, item 9. Plant operation

0 7 | was not affected. The health and safety of the public were not affected

0 8 | by this repetitive event as last reported on LER 50-366/1983-089.

0	9	S	E	11	E	12	E	13	I	N	S	T	R	U	14	X	15	Z	16
---	---	---	---	----	---	----	---	----	---	---	---	---	---	---	----	---	----	---	----

  
7 8 9 SYSTEM CODE 11 CAUSE CODE 12 CAUSE SUBCODE 13 COMPONENT CODE 14 COMP. SUBCODE 15 VALVE SUBCODE 16  

17	8	3	1	3	4	0	3	X	1
----	---	---	---	---	---	---	---	---	---

  
17 LER/RO REPORT NUMBER 21 EVENT YEAR 22 23 SEQUENTIAL REPORT NO. 24 25 OCCURRENCE CODE 26 27 REPORT TYPE 28 29 REVISION NO. 30 31  

B	18	X	19	Z	20	Z	21	0	0	0	22	Y	23	N	24	A	25	L	1	3	0	26
---	----	---	----	---	----	---	----	---	---	---	----	---	----	---	----	---	----	---	---	---	---	----

  
33 ACTION TAKEN 34 FUTURE ACTION 35 EFFECT ON PLANT 36 SHUTDOWN METHOD 37 HOURS 38 ATTACHMENT SUBMITTED 39 NPRD-4 FORM SUB. 40 PRIME COMP. SUPPLIER 41 COMPONENT MANUFACTURER 42 43 44 45 46 47

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The first event was the result of component failure due to miscellaneous

1 1 | failed parts. The second event was due to the system's pump failing and

1 2 | leaking pipe fittings. Analyzers 2P33-R601B (first event) and 2P33-R601A

1 3 | (second event) were repaired, functionally tested satisfactorily per

1 4 | HNP-2-3882, and returned to service on 12/28/83 & 12/15/83 respectively.

1	5	E	28	0	5	8	29	NA	A	31	Personnel Observation	32
---	---	---	----	---	---	---	----	----	---	----	-----------------------	----

  
7 8 9 FACILITY STATUS 10 % POWER 11 OTHER STATUS 12 METHOD OF DISCOVERY 13 DISCOVERY DESCRIPTION 14  

1	6	Z	33	Z	34	NA	35	NA	36
---	---	---	----	---	----	----	----	----	----

  
7 8 9 ACTIVITY CONTENT 10 RELEASED OF RELEASE 11 AMOUNT OF ACTIVITY 12 LOCATION OF RELEASE 13  

1	7	0	0	0	37	Z	38	NA	39
---	---	---	---	---	----	---	----	----	----

  
7 8 9 PERSONNEL EXPOSURES NUMBER 10 TYPE 11 DESCRIPTION 12  

1	8	0	0	0	40	NA	41
---	---	---	---	---	----	----	----

  
7 8 9 PERSONNEL INJURIES NUMBER 10 DESCRIPTION 11  

1	9	Z	42	NA	43
---	---	---	----	----	----

  
7 8 9 LOSS OF OR DAMAGE TO FACILITY TYPE 10 DESCRIPTION 11  

2	0	N	44	NA	45
---	---	---	----	----	----

  
7 8 9 PUBLICITY ISSUED 10 DESCRIPTION 11  

2	0	N	44	NA	45
---	---	---	----	----	----

  
7 8 9 NAME OF PREPARER S. B. Tipps8402130321 840202  
PDR ADOCK 05000366  
S PDR

NRC USE ONLY

PHONE: (912)367-7851

NARRATIVE REPORT  
FOR LER 50-366/1983-134, Rev. 1  
UPDATE REPORT-PREVIOUS REPORT DATE 12/27/83

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 events' showing that the unit was not meeting the requirements of Tech. Specs. Table 3.3.6.4-1, item 9.

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

On 11/29/83, the plant was in steady state operation at 2430 MWt (approximately 58% power) when the first event occurred.

On 12/04/83, the plant was in steady state operation at 2430 MWt (approximately 100% power) when the second event occurred.

Detailed description of the event(s):

On 11/29/83, during a control panel walkdown, operations personnel noted that the drywell's "B" hydrogen and oxygen analyzer (2P33-R601B) was inoperable. Consequently, the plant could not satisfy the "MINIMUM CHANNELS OPERABLE" requirement for item 9 of Tech. Specs. Table 3.3.6.4-1.

On 12/04/83, during performance of the "CONSIP DELPHI MODEL K-IV HYDROGEN AND OXYGEN ANALYZER FT&C" procedure (HNP-2-3882), surveillance personnel noted that the drywell's "A" hydrogen and oxygen analyzer (2P33-R601A) was inoperable. Consequently, the plant could not satisfy 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 these events. The health and safety of the public were not affected by these events.

Status of redundant or backup subsystems and/or systems:

There is no backup system.

Justification for continued operation:

Plant operation was continued under a 30-day LCO permitted by Tech. Specs. section 3.3.6.4, ACTION a. Hydrogen and Oxygen analyzer 2P33-R601A was repaired and returned to service on 12/15/83. Hydrogen and Oxygen analyzer 2P33-R601B was repaired and returned to service on 12/28/83.

If repetitive, number of previous LER:

The first event is repetitive as last reported on LER 50-366/1983-089.

The second event is repetitive as last reported on LER 50-366/1983-099.

Impact to other systems and/or Unit:

This event had no effect on any other Unit 2 system. This event did not affect Unit 1.

Cause(s) of the event(s):

The cause of failure for 2P33-R601B was due to miscellaneous failed parts (i.e., sample pump, R1 and R2 pressure regulators, reagent gas flow controller diaphragm, and hydrogen cell).

The cause of failure for 2P33-R601A (the second event) was due to the hydrogen and oxygen analyzer system's sample pump not pumping sufficiently. Additionally, several leaks were found on the system's pipe fittings.

Immediate Corrective Action:

The "B" hydrogen and oxygen analyzer was repaired by replacing the necessary parts and performing a general overhaul on the system's components. The system was then recalibrated and functionally tested satisfactorily per HNP-2-3882 and returned to service on 12/28/83.

The "A" hydrogen and oxygen analyzer system's sample pump was repaired by lapping the pump's heads and replacing the pump's diaphragm. The system's pipe fittings were tightened and checked for leaks. The system was then recalibrated and functionally tested satisfactorily per HNP-2-3882 and returned to service on 12/15/83.

Supplemental Corrective Action:

N/A

Scheduled (future) corrective action:

A commercial grade O<sub>2</sub> analyzer will be installed per DCR 83-44 to relieve post accident monitoring equipment of routine sampling.

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

Edwin I. Hatch Nuclear Plant

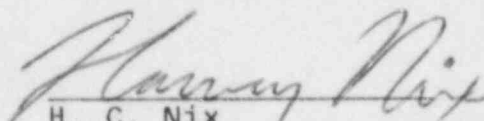
February 2, 1984  
GM-84-58

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. 50-366/1983-134, Rev. 1.  
This report is required by Hatch Unit 2 Technical Specifications  
Section 6.9.1.9.b.

  
H. C. Nix  
General Manager

HCN/STB/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

JE22 //