

LICENSEE EVENT REPORT

UPDATE REPORT

PREVIOUS REPORT DATE 12/27/83

CONTROL BLOCK:

1	2	3	4	5	6
---	---	---	---	---	---

(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 14 15 25 26 57 58 59

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 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On 11/29/83, during a control panel walkdown, the "B" H₂O₂ 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" H₂O₂ 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 10 11 12 13 14 15 16 17 18 19 20

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

21 22 23 24 25 26 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
B 18 X 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 A 25 L 1 3 0 26
33 34 35 36 37 38 39 40 41 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 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

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

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

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

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

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

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

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

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

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

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 508402130321 840202
PDR ADOCK 05000366
S PDR

NRC USE ONLY

NAME OF PREPARER S. B. Tipps

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 O₂ 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

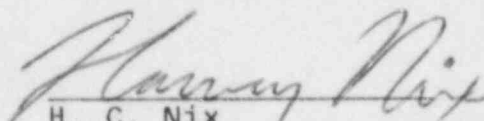
February 2, 1984
GM-84-58

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/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

JE22 //