

(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	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE				30	57	CAT	58		

CON'T

0	1
7	8

REPORT SOURCE

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

0 2 | While performing HNP-2-5329, "CRD HCU PRESSURE INDICATOR AND SWITCH
0 3 | CALIBRATION" procedure, 94 of the 137 HCU pressure switches were found
0 4 | to be out of calibration. Also 1 HCU leak detector switch would not
0 5 | actuate as required. These events are contrary to the requirements of
0 6 | Tech. Specs. section 4.1.3.5.b. Plant operation was not affected by
0 7 | this event. The health and safety of the public were not affected by
0 8 | this repetitive event as last reported on LER 50-366/1982-034.

09		SYSTEM CODE R B		11	CAUSE CODE E		12	CAUSE SUBCODE E		13	COMPONENT CODE T N S T R U					14	COMP. SUBCODE S		15	VALVE SUBCODE Z		16
7	8	9	10		11		12		13					18		19			20			
17		LER/RO REPORT NUMBER		EVENT YEAR 8 3		21	22	SEQUENTIAL REPORT NO. 0 4 4		24	26	OCCURRENCE CODE 0 3		28	29	REPORT TYPE L		30	REVISION NO. 0		32	
ACTION TAKEN E		FUTURE ACTION X		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER N		COMPONENT MANUFACTURER B 0 6 9						
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of this event is setpoint drift for the pressure switches and

1 1 component failure for the leak detector switch. The CRD hydraulic con-

1 2 trol units were satisfactorily calibrated per the requirements of HNP-2-

1 3 5329. The leak detector switch was replaced and satisfactorily func-

1 4 tionally tested per the requirements of HNP-2-5329.

8 9
FACILITY STATUS
1 5 H (28)
7 8 9
% POWER
0 0 0 (29) NA
10 11 12 13
OTHER STATUS (30)
METHOD OF DISCOVERY
B (31) Calibration
45 46
DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 Z 34 NA

7 8 9 10 11 44

AMOUNT OF ACTIVITY (35)

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		43	
TYPE		DESCRIPTION									
LOSS OF OR DAMAGE TO FACILITY											

7 8 9 10
 PUBLICITY
 ISSUED DESCRIPTION (45)
 2 0 N (44) N. 8308180382 830728
 S PDR ADOCK 05000366
 PDR
 NRC USE ONLY
 7 8 9 10 68 62 80

NAME OF PREPARER S. B. Tipps

PHONE: (912) 367-7851

NARRATIVE REPORT
FOR LER 50-366/1983-044

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

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

1. 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 4.1.3.5.b.
2. This 30 day LER is required by Tech. Specs. section 6.9.1.9.c due to the event's showing that the Unit was not meeting the requirements of Tech. Specs. section 3.1.3.5.

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

1. This event was discovered on 07/01/83 with the reactor mode switch in the refuel position and reactor power at 0 MWT.
2. This event was discovered on 07/20/83 with the reactor mode switch in the run position and reactor power at 901 MWT (approximately 37 % power).

Detailed description of the event(s):

1. While performing HNP-2-5329 "CRD HCU PRESSURE INDICATOR AND SWITCH CALIBRATION" procedure, plant personnel discovered 94 out of 137 HCU pressure switches to be out of the procedural and Tech. Specs. section 4.1.3.5.b.2 calibration setting of 955 plus or minus 15 PSIG. A summary of the as found pressure actuation points for the 94 unacceptable HCU pressure switches is as follows:

<u>Number of Failed Switches</u>	<u>PSIG</u>
1	760
1	880
1	895
2	900
1	905
5	910
1	915
15	920
17	925
22	930
26	935
1	975
1	1180

Also 1 HCU leak detector switch would not actuate as required.

Detailed description of the event(s)(continued):

2. During the investigation process for writing the LER for event number 1, plant personnel discovered that a functional test had not been performed in a timely manner. Following is the sequence of events:
 - a. The leak detector level switch for HCU 2C11-34-27 was replaced on 07/01/83.
 - b. The HCU was returned to operable status on 07/01/83.
 - c. The unit started up on 07/08/83.
 - d. The required functional test (i.e., HNP-2-5329) was performed on 07/11/83.

Thus, this HCU was considered operable while it was still "administratively" inoperable; however, the rod was not withdrawn during this time frame.. This is a failure to satisfy the requirements of Tech. Specs. section 3.1.3.5.

Consequences of the event(s):

1. Plant operation was not affected by the event. The health and safety of the public were not affected by this event.
2. Plant operation was not affected by the event. The health and safety of the public were not affected by this event.

Status of redundant or backup subsystems and/or systems:

1. There are no redundant or backup systems for the pressure switches or leak detector switches.
2. There is no redundant backup system for this HCU.

Justification for continued operation:

1. The CRD hydraulic control units were satisfactorily calibrated per the requirements of HNP-2-5329 "CRD HCU PRESSURE INDICATOR AND SWITCH CALIBRATION" procedure
2. No justification was required. At the time of discovery, the functional test had already been successfully performed.

Narrative Report for LER 50-366/1983-044
Page Three

If repetitive, number of previous LER:

1. This is a repetitive event as last reported on LER 50-366/1982-034.
2. This is a repetitive event as last reported on LER 50-366/1983-040.

Impact to other systems and/or Unit:

1. This event did not impact any other systems on Unit 2; however, this could be a generic problem and the results of the engineering evaluation will also be analyzed with respect to Unit 1.
2. This event did not impact any other systems on Unit 2 ; this event did not impact Unit 1.

Cause(s) of the event(s):

1. The cause of this event was setpoint drift for the pressure switches and component failure for the leak detection switch.
2. The root cause of this event is presently unknown. However, it is speculated that it was due to a combination of the following:
 - a. Personnel error
 - b. Procedural inadequacy
 - c. The practice of not issuing Limiting Conditions of Operation (LCO's) when the involved system is not required to be operable.

Immediate Corrective Action:

1. The CRD hydraulic control units were satisfactorily calibrated per the requirements of the "CRD HCU PRESSURE INDICATOR AND SWITCH CALIBRATION" PROCEDURE (HNP-2-5329).
2. None was required. At the time of discovery, the functional test had already been successfully performed.

Supplemental Corrective Action:

1. The leak detector switch was replaced and successfully functionally tested per HNP-2-5329 on 07/11/83.
2. The following actions were begun on 07/21/83:
 - a. Site personnel started reviewing all outstanding Maintenance Requests to ensure all required functional testing has been performed.
 - b. A Standing Order was issued that requires an LCO to be issued for Tech. Specs. required components or systems whenever preventive or corrective maintenance is to be performed. These LCO's are to be issued regardless of plant conditions.
 - c. A committee was established to investigate what happened and to propose corrective actions.

Scheduled (future) corrective action:

1. See "Action to prevent recurrence (if different from corrective actions)".
2. This will depend upon the results of the investigation being performed under "Supplemental Corrective Action". The results of this investigation will be included in an update report to LER 50-366/1982-040.

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

1. The system engineer is evaluating the problem to determine what corrective actions are required.
2. N/A

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912 537-9444

USNRC REGION II
ATLANTA, GEORGIA



Edwin I. Hatch Nuclear Plant

83 AUG 11 A10:39

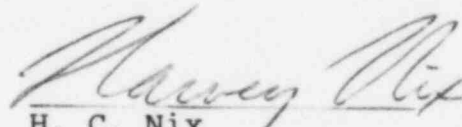
July 28, 1983
GM-83-703

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. 50-366/1983-044. This report is required by Hatch 2 Technical Specifications Section 6.9.1.9.b.


H. C. Nix
General Manager


HCN/SBT/djs

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