

## LICENSEE EVENT REPORT

CONTROL BLOCK: 

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1

(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

REPORT SOURCE: 01 L 6 0 5 0 0 0 3 6 6 7 0 7 1 9 8 3 8 0 8 1 1 8 3 9  
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On July 20, 1983, it was determined by P1 testing that CMFLPD had

0 3 exceeded F RTP by 4% and on July 25, 1983, it was determined by P1

0 4 testing that CMFLPD had exceeded F RTP by 6%. The plant was unable to

0 5 meet the requirements of Tech. Specs. section 3.2.2. The plant, in each

0 6 of the above events, performed the required Tech. Specs. section 3.2.2,

0 7 ACTION. The health and safety of the public were not affected by this

0 8 repetitive event as last reported on LER 50-366/1982-111.

7 8 9 8

09		SYSTEM CODE		Z Z		CAUSE CODE		X		CAUSE SUBCODE		Z		COMPONENT CODE		Z Z Z Z Z Z		COMP. SUBCODE		Z		VALVE SUBCODE		Z									
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								
LER/RO REPORT NUMBER		EVENT YEAR		8 3		—		SEQUENTIAL REPORT NO.		0 6 2		/		OCCURRENCE CODE		0 3		REPORT TYPE		L		—		REVISION NO.		0							
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							
ACTION TAKEN		FUTURE ACTION		E X		EFFECT ON PLANT		Z		SHUTDOWN METHOD		Z		HOURS		0 0 0 0		ATTACHMENT SUBMITTED		Y		NPRD-4 FORM SUB.		N		PRIME COMP. SUPPLIER		Z		COMPONENT MANUFACTURER		Z 9 9 9	
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	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The first event was attributed to peaks in core flux due to control rods  
1 1 being notched out of the core. The second event was attributed to a  
1 2 high core flux peak due to the pattern the control rods were in. APRM's  
1 3 were adjusted so FRTM would be equal to or greater than CMFLPD within  
1 4 the two hour limit of Tech. Specs. section 3.2.2, ACTION.

FACILITY STATUS (1) 5 (F) (28) % POWER (0) 3 9 (29) NA OTHER STATUS (30) METHOD OF DISCOVERY (A) (31) STA Observation DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT  
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

1 6 Z (33) Z (34) NA

7 8 9 10 11 44

LOCATION OF RELEASE (36)

NA

45 80

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION		41	
1	2	0	0	0	40	NA	TE22

7 8 9 11 12 80

LOSS OF OR DAMAGE TO FACILITY (43)

TYPE DESCRIPTION

8308220312 830811

7 8 9 10 NA  
PDR ADOCK 05000366  
S PDR  
PUBLICITY (45)  
NBC USE ONLY 80

ISSUED		DESCRIPTION		WHO USE ONLY	
2	0	N	(44) NA		
7	8	9	10	68	69 80

NAME OF PREPARER S. B. Tipps

PHONE: (912) 367-7851

NARRATIVE REPORT  
FOR LER 50-366/1983-062

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

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

This 30-day report 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. section 3.2.2.

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

On July 20, 1983, the unit was in run with reactor thermal power at 882 MWt (approximately 36% reactor power).

On July 25, 1983, the unit was in run with reactor thermal power at 1768 MWt (approximately 73% reactor power).

Detailed description of the event(s):

On July 20, 1983, after computer program P1 was run, it was determined that CORE MAXIMUM FRACTION OF LIMITING POWER DENSITY (CMFLPD) had exceeded FRACTION OF RATED THERMAL POWER (FRTD) by 4%. On July 25, 1983, after computer programs OD-1 and P1 were run, the results of the P1 indicated that CMFLPD had exceeded FRTD by 6%.

Consequences of the event(s):

In both events the required Tech. Specs. 3.2.2, ACTION was performed. The health and safety of the public were not affected by this event.

Status of redundant or backup subsystems and/or systems:

There are no redundant systems.

Justification for continued operation:

Computer calculations indicated that CMFLPD was reduced below FRTD within the two hour limit imposed by Tech. Specs. section 3.2.2, ACTION.

If repetitive, number of previous LER:

This is a repetitive event as last reported on LER 50-366/1982-111.

Impact to other systems and/or Unit:

There were no effects on any other Unit 2 systems or on Unit 1.

Cause(s) of the event(s):

The first event was attributed to peaks in core flux due to control rods being notched out of the core. The second event was attributed to a high core flux peak due to the control rod pattern the unit was operating in.

Immediate Corrective Action:

In the first event the APRM's were adjusted within 2 hours to bring the F RTP greater than CMFLPD per the computer calculations. For the second event core flow was increased within 15 minutes and APRM's were adjusted to bring the F RTP greater than the CMFLPD per the computer calculations.

Supplemental Corrective Action:

There was no supplemental corrective action.

Scheduled (future) corrective action:

There was no scheduled corrective action.

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

There is no action to prevent recurrence.

Georgia Power Company  
Post Office Box 439  
Baxley, Georgia 31513  
Telephone 912 367-7781  
912 537-9444

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REGION II  
ATLANTA, GEORGIA

Edwin I. Hatch Nuclear Plant



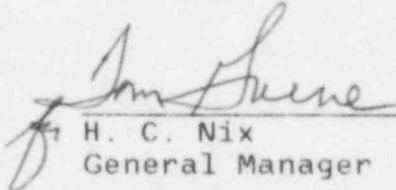
August 11, 1983  
GM-83-791

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. 50-366/1983-062. This report is required by Technical Specifications Section 6.9.1.9.b.

  
H. C. Nix  
General Manager

HCN/STB/amh

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

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