

LICENSEE EVENT REPORT

[illegible]

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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

CON'T

REPORT SOURCE: 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
DOCKET NUMBER: 0 1 2 3 4 5 6 7 8 9
EVENT DATE: 0 1 2 3 4 5 6 7 8 9
REPORT DATE: 0 1 2 3 4 5 6 7 8 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 While the plant was in start-up and attempting to demonstrate HPCI
0 3 pump operability at 1.2 MWt, HPCI isolated on high steam line flow.
0 4 Tech Specs 3.5.D.1 requires HPCI to be operable at ≥ 113 psig. Redundant
0 5 ECCS systems were operable. Plant operation was not affected. The
0 6 health and safety of the public was not affected. This is a repetitive
0 7 event as last reported on Reportable Occurrence Report 50-321/1980-108.
0 8

09		SYSTEM CODE I B		11	CAUSE CODE E		12	CAUSE SUBCODE E		13	COMPONENT CODE I N S T R U						14	COMP. SUBCODE S		15	VALVE SUBCODE Z		16
7	8	9	10		11		12		13		14	15	16	17	18	19	20		21	22			
17		LER/RO REPORT NUMBER		EVENT YEAR 8 1		23		SEQUENTIAL REPORT NO. 0 4 8		24		25		OCCURRENCE CODE 0 3		26		REPORT TYPE L		27		REVISION NO. 0	
21		22				23		24		25		26		27		28		29		30		31	
ACTION TAKEN C		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		22		ATTACHMENT SUBMITTED Y		23		NPRD-4 FORM SUB. N		24		PRIME COMP. SUPPLIER N		25	
33		34		35		36		37		38		39		40		41		42		43		44	
45		46		47		48		49		50		51		52		53		54		55		56	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of this event was component failure. HPCI Steam Line D.P. switch.

1 1 1E41-N005, failed due to loss of internal damping in the Barton Bellows.

1 2 The switch was replaced, recalibrated and returned to service. HPCI was

1 3 proven operable. The unit is in full compliance with the requirements.

1 4

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		
1	5	C	28	0	0	0	29	NA	B	31	Operability Test
ACTIVITY		CONTENT			AMOUNT OF ACTIVITY		LOCATION OF RELEASE				
1	6	Z	33	Z	34	NA	NA				
PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION					
1	7	0	0	0	37	Z	38	NA			
PERSONNEL INJURIES		NUMBER		DESCRIPTION							
1	8	0	0	0	40	NA					
LOSS OF OR DAMAGE TO FACILITY		DESCRIPTION									
1	9	Z	42	NA							

7 8 9 10
PUBLICITY
ISSUED DESC
2 0 IN 44
7 8 9 10
B107310138 B10702
PDR ADOCK 05000321
S PDR
NRC USE ONLY
NA
68 69 70

NAME OF PREPARED R. T. Nix, Supt. of Maint.

PHONE: 912-367-7781

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LER No.: 50-321/1981-048
Licensee: Georgia Power Company
Facility: Edwin I. Hatch
Docket No.: 50-321

Narrative Report
for LER 50-321/1981-048.

On June 5, 1981, while the unit was in start-up and hot stand-by and attempting to demonstrate HPCI pump operability at 1.2 MWt reactor power, HPCI isolated on high steam line differential pressure (flow). Tech Specs Section 3.5.D.1 requires HPCI to be operable at ≥ 113 psig reactor pressure. Redundant ECCS systems were operable. Plant operation was not affected by this event. The health and safety of the public was not affected. This is a repetitive event as last reported on Reportable Occurrence Report No. 50-321/1980-108.

The cause of this event was component failure. HPCI Steam Line D.P. Switch, 1E41-N005, failed due to loss of internal damping in the Barton Bellows. The differential pressure indicating switch would calibrate properly but was too sensitive to pulsations. The switch was replaced, recalibrated and returned to service. HPCI was proven operable as required by Tech Specs. The unit is now in full compliance with the requirements.

A generic review revealed no inherent problems. The same type of Barton Flow Switch is used in this application on Unit II. A recently incorporated Design Change Request which adds a time delay to the HPCI Steam Line High Differential Pressure Function should increase the reliability of the HPCI system.