

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	G	A	F	I	H	1	2	0	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	57 CAT 58		

REPORT SOURCE 01 L6 05000321708288180925819

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 With the unit in steady state operation at 2427 MWt, 1D11-K633, Noble Gas  
03 Fission Product Monitor, was found inoperative. Tech Specs Section 3.6.G.2  
04 requires three operable reactor coolant leakage detection systems. Only  
05 two systems were operable. Unit operation was placed in a 30 day LCO as  
06 a result of this event. The health and safety of the public was not  
07 affected. This is a repetitive event as last reported on Reportable  
08 Occurrence Report No. 50-321/1981-086.

7 8 9

0 9

SYSTEM CODE

I D 11

CAUSE CODE

E 12

CAUSE SUBCODE

G 13

COMPONENT CODE

I N S T R U 14

COMP. SUBCODE

15

VALVE SUBCODE

Z 16

(17) LER/RO REPORT NUMBER 81 —

EVENT YEAR —

SEQUENTIAL REPORT NO. 092 /

OCCURRENCE CODE 03

REPORT TYPE L —

REVISION NO. 0

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS				ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
A	18	Z	19	Z	20	Z	21	0	0	0	0	22	Y	23	N	24	N	25	G	0	8	0	26
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)

0 The cause of this event has been attributed to component failure. The

1 1 defective electronic components were replaced and the unit returned to

1 2 service.

1 3

1 4

7 R 9

FACILITY STATUS      % POWER      OTHER STATUS (30)      METHOD OF DISCOVERY      DISCOVERY DESCRIPTION (32)

1 5 E (28)      0 9 9 (29)      NA      B (31)      Surveillance

7 8 9      10 11 12      13      44      45      46      80

ACTIVITY CONTENT  
RELEASED OF RELEASE

1 6 33 Z 34

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

44

LOCATION OF RELEASE (36)

NA

45 80

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	NA

LOSS OF OR DAMAGE TO FACILITY (43)  
TYPE DESCRIPTION  
Z (42) NA

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

PUBLICITY  
ISSUED DESCRIPTION (45)  
2 0 N (44) NA S 8110020286 810925 PDR ADOCK 05000321 PDR NRC USE ONLY

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

PHONE: 912-367-7781

LER No.: 50-321/1981-092  
Licensee: Georgia Power Company  
Facility: Edwin I. Hatch  
Docket No.: 50-321

Narrative Report  
for LER 50-321/1981-092

With the unit in steady operation at 2427 MWt, 1D11-K633, Noble Gas Fission Product Monitor, was found inoperative. Tech Spec Section 3.6.G.2 requires three operable reactor coolant leakage detection systems. Only two systems were operable. Unit operation was placed in a 30 day LCO as a result of 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. 50-321/1981-086.

Three separate failures of this monitor occurred on the following dates, August 28, 1981, September 9, 1981 and September 14, 1981. The first failure, on August 28, 1981, was due to a failed calibrated oscillator board. The second failure, on September 9, 1981, was due to a cold solder joint on a printed wiring board. The third failure, on September 14, 1981, was caused by failure of the input circuit transistors. In each case the defective components were replaced and the unit returned to service.

The reason for three separate failures is unknown. At this time, the unit is in service and operating properly. A generic review has revealed no inherent problems.