

LICENSEE EVENT REPORT

Update Report

Previous Report Date 3-13-80

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 3-5-80, with the unit in cold shutdown, while performing Local Leak
03 Rate Testing per HNP-2-3952, PRIMARY CONTAINMENT PERIODIC TYPE B AND
04 TYPE C LEAKAGE TESTS, it was discovered that the following MSIVs were
05 leaking in excess of the 11.5 scfh/valve limit of Tech. Specs. 3.6.1.2.c
06 Inboard MSIVs: 2B21-F022C and F022D; Outboard MSIVs: 2B21-F028A, F028B,
07 and F028D. The health and safety of the public were not affected by this
08 repetitive event as last reported on LER 50-321/1979-042.
7 8 9 80

SYSTEM CODE 0 9		CAUSE CODE C D		CAUSE SUBCODE X	COMPONENT CODE V A L V E X				COMP. SUBCODE F	VALVE SUBCODE D
7	8	9	10	11	12	13	14	15	16	17
LER/RO REPORT NUMBER 8 p		EVENT YEAR 8 p		SEQUENTIAL REPORT NO. 0 2 2		OCCURRENCE CODE 0 1		REPORT TYPE X		REVISION NO. 1
21	22	23	24	25	26	27	28	29	30	31
ACTION TAKEN B		FUTURE ACTION B		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y
33	34	35	36	37	38	39	40	41	42	43
NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER N		COMPONENT MANUFACTURER R 3 4 4		REVISION NO. 1		ACTION TAKEN B		FUTURE ACTION B
44	45	46	47	48	49	50	51	52	53	54

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the unacceptable leakage rates for these valves is given in
1 1 the attached narrative report. Each of these valves was repaired and re-
1 2 tested prior to startup and satisfied the 11.5 scfh limit of Tech. Specs.
1 3 3.6.1.2.c.
1 4

[illegible]

NAME OF PREPARER H. L. Sumner - Supt. Plt. Eng. Serv.

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LER #: 50-366/1980-022, Rev. 1
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1980-022, Rev. 1
Update Report - Previous Report Date 3-13-80

On March 5, 1980, with the unit in cold shutdown for a surveillance/vent header deflector installation outage, while performing local leak rate testing (LLRT) per HNP-2-3952, PRIMARY CONTAINMENT PERIODIC TYPE B AND TYPE C LEAKAGE TESTS, it was determined that 5 of the 8 MSIVs were leaking in excess of the 11.5 scfh per valve acceptance criteria of Tech. Specs. section 3.6.1.2.c. The 5 leaking MSIVs are as follows: INBOARD MSIVs: 2B21-F022C, F022D; and OUTBOARD MSIVs: 2B21-F028A, F028B, and F028D. Since 2B21-F022D and 2B21-F028D are the inboard and outboard MSIVs (respectively) for the "D" steam line, a potential leakage path from the primary containment exists. There was no effect upon public health or safety as a result of this event.

This is a non-repetitive occurrence for the Unit 2 MSIVs (refer to RO Report No. 50-321/1979-042 for the last failed LLRT reported from Hatch).

The cause of the unacceptable leakage was due to wear on the seating surfaces. Each of the valves was disassembled and the seating surfaces were machined and lapped. The valves were successfully retested prior to unit startup with the following results: 2B21-F022C, 2 scfh; 2B21-F022D, 40 accm; 2B21-F028A, 42 accm; 2B21-F028B, 90 accm; 2B21-F028D, 40 accm.

This is a non-generic problem for the Unit 1 MSIVs (refer to RO Report No. 50-321/1979-027) since they are manufactured by Atwood-Morrill, and the Unit 2 MSIVs are manufactured by Rockwell International.