

LICENSEE EVENT REPORT

CONTROL BLOCK:

1	2	3	4	5	6	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	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	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
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(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
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7 8 9 14 15 25 26 30 57 CAT 58CON'T

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0	2	During the performance of LLRTs while shutdown for a refueling/torus																																																																														
0	3	modification outage, various containment isolation valves have not had																																																																														
0	4	acceptable results during their initial tests. There were no effects																																																																														
0	5	upon public health and safety due to this event. This is a repetitive																																																																														
0	6	event (see R0 report number 50-366/1980-021).																																																																														

0	7																																																																															
0	8																																																																															

7 8 9 80

0	9	S	A	11	E	12	X	13	V	A	L	V	E	X	14	X	15	D	16	8	2	--	0	2	2	/	0	3	L	--	0	17	8	2	0	2	2	/	0	3	L	--	0	X	X	Z	Z	0	0	0	0	Y	N	N	W	0	3	0
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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 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 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	0	The cause for the unacceptable leakage rates for these valves is under																																																																														
1	1	investigation. Maintenance is not complete at this time; corrective																																																																														
1	2	maintenance will be performed such that the acceptance criteria of Tech																																																																														
1	3	Specs and 10CFR50 App. J are met prior to startup. An updated report																																																																														
1	4	will be submitted within 30 days after unit startup.																																																																														

7 8 9 80

1	5	H	28	0	0	0	29	NA	30	B	31	Performed LLRT	32
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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 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 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1	6	Z	33	Z	34	NA	35	NA	36
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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 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 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1	7	0	0	0	37	Z	38	NA	39
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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 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 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1	8	0	0	0	40		41	NA	42
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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 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 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

1	9	Z	42		43	NA	44
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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 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 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

2	0	N	44		45	NA	46
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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 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 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

NAME OF PREPARER H. L. Sumner - Supt. Plt. Eng. Serv. PHONE 912-367-7851

LER #: 50-366/1982-022
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-366

Narrative Report
for LER 50-366/1982-022

Beginning on 2-23-82, with the unit in cold shutdown for a refueling/torus modification outage, local leak rate testing being performed per HNP-2-3952, PRIMARY CONTAINMENT PERIODIC TYPE B AND TYPE C LEAKAGE TESTS, it was determined that several valves were leaking in excess of their specified acceptance criteria:

MSIV's 2B21-F022A and C and 2B21-F028A, C, and D (As found leakage rates of: wouldn't pressurize, 48, 92, 62, and 17 SCFH respectively) were in excess of the acceptance criteria of 11.5 SCFH per valve when tested at 28.8 psig as specified in Tech Specs 3.6.1.2.c. The leakage of these valves is not included as part of the .60 La overall leakage limit of Tech Specs section 3.6.1.2.b.1 (Refer to deviation report number 2-82-67 for these valves).

Primary feedwater valves 2B21-F010A and 77A and radwaste pump discharge valve 2G11-F004 (As found leakages of: would not pressurize and 600 accm respectively) was in excess of the .009 La (544 accm) bypass leakage as specified in Tech Specs 3.6.1.2.b.2. The leakage of valve 2G11-F004 is also included in the .60 La leakage limit; however, 2B21-F010A and 77A is not included in the .60 La leakage limit. (Refer to deviation report number 2-82-67 and 73 for these valves).

Steam to RCIC turbine valves 2E51-F007 and 8; tip nitrogen purge check valve; drywell to torus dP valve 2T48-F209; vacuum relief valves 2T48-F310 "o" rings; and vent purge outlet valve 2T48-F318 "o" rings (As found leakage rates of: 2100 accm, 2200 accm, would not pressurize, and 2200 accm respectively) These valves comprise a part of the .60 La overall leakage limit of Tech Specs 3.6.1.2.b.1 and for the valves that did not exceed this limit it was determined that in the interest of good engineering practice that they be repaired to prevent this limit from being exceeded. The valves that would not pressurize were assumed to exceed the .60 La leakage limit. (Refer to deviation numbers 2-82-67 and 69 and 73 for these valves.)

HPCI turbine exhaust valve 2E41-F049 was leaking in excess of its acceptance criteria (i.e., the test volume would not pressurize). This leakage is not included as part of the .60 La overall leakage limit of Tech Specs section 3.6.1.2.b.1; however, its leakage rate must satisfy the requirement of 10CFR50 Appendix J paragraph III.C.3.b; i.e., "The installed isolation valve seal-water system fluid inventory is sufficient to assure the sealing function for at least 30 days at a pressure of 1.10 PA. Thus since the test volume could not be pressurized it was decided that this requirement was not being met. (Torus water is seal water system for this valve). (Refer to deviation number 2-82-65 for this valve).

These leakages are not generic although valve leakage during LLRT is common to both units. These leakages will be repaired so that they comply with specified acceptance criteria prior to unit startup. There was no effect upon public health or safety as a result of this event. Additional LLRT failures will be reported in a future update of this LER within 30 days after unit startup.