

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) EDWIN I. HATCH, UNIT 2 DOCKET NUMBER (2) 050000366 PAGE (3) 1 OF 14

TITLE (4) Failure of valves to pass Local Leak Rate Test

EVENT DATE (5)			LER NUMBER (8)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)													
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)											
0	1	7	8	4	8	4	0	0	4	0	1	0	9	2	8	8	4	0	5	0	0	0

OPERATING MODE (9) 4 THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)

POWER LEVEL (10) 0.010	20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)
	20.406(a)(1)(i)	50.36(c)(1)	X 50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)	50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	X 50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12) NAME: Thomas L. Elton, Acting Supt. of Regulatory Compliance TELEPHONE NUMBER: 912 367 7851

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
X	S J	I S V	R 3 4 0	Y	X	A D	I S V	R 3 4 0	Y
X	S J	I S V	R 3 4 0	Y	X	A D	I S V	R 3 4 0	Y

SUPPLEMENTAL REPORT EXPECTED (14) YES (If yes, complete EXPECTED SUBMISSION DATE) NO X NO EXPECTED SUBMISSION DATE (15)

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

While shutdown for a recirculation pipe replacement outage and during the performance of the "PRIMARY CONTAINMENT PERIODIC TYPE B AND C LEAKAGE TESTS" procedure (HNP-2-3952), as required by Tech. Specs. section 4.6.1.2.d, plant personnel determined that the results of numerous leakage tests for primary containment isolation valves were in excess of the limits specified in either Tech. Specs. sections 3.6.1.2. b or c, or the ASME SEC. XI criteria specified in HNP-2-3952, or 10CFR50, Appendix J, Paragraph III.C.3.b.

The cause for the unacceptable leakages is postulated to be the result of normal equipment wear.

The primary containment isolation valves (identified in the LER's text) were repaired, functionally tested satisfactorily, and returned to service prior to start up (start up commenced at approximately 03:36 CDT on 08/29/84).

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TEXT (If more space is required, use additional NRC Form 366A's) (17)

This report is required by 10CFR50.73 (a)(2)(v)(C) and 10CFR50.73 (a)(2)(ii) due to the assumption that the plant did not meet the requirements of Tech. Specs. sections 3.6.1.2.b and 3.6.1.2.c, 10CFR50 Appendix J, Article III, A.1.d, and ASME section XI.

When the "PRIMARY CONTAINMENT PERIODIC TYPE B AND TYPE C LEAKAGE TESTS" procedure (HNP-2-3952) was performed, the plant was in cold shutdown for the recirculation pipe replacement outage.

A. At the time of discovery, plant personnel assumed that the leakage of the following tests was such that the plant could not meet the .60 La requirement of Tech. Specs. section 3.6.1.2.b.1. (Refer to Table 1 for "VALVE DESCRIPTION", "AS FOUND LEAKAGE", "AS LEFT LEAKAGE", and "REPAIR SUMMARY". The table is arranged in alphanumeric order by valve MPL number.)

1. On 01/17/84, RHR Return to Recirculation Isolation Valve (2E11-F015B) was tested.
2. On 01/17/84, Core Spray Inboard Isolation Valve (2E21-F005A) and Core Spray Isolation Check valve (2E21-F006A) (i.e., both valves in penetration X-16A) were tested.
3. On 01/19/84, RCIC Steam Supply Inboard Isolation valve (2E51-F007) and RCIC Steam Supply Outboard Isolation Valve (2E51-F008) were tested.
4. On 01/26/84, RHR Shutdown Cooling Suction Isolation Valve (2E11-F008) was tested.
5. On 01/28/84, Vent Purge Return Inboard Isolation valve (2T48-F319) and Vent Purge Return Outboard Isolation valve (2T48-F320) (i.e., both valves in penetration X-26) were tested.
6. On 01/31/84, Vacuum Relief Inboard Isolation Valve (2T48-F310) was tested.
7. On 01/31/84, Vent Purge Outlet Inboard Isolation Valve (2T48-F318) was tested.
8. On 02/01/84, LOCA H<sub>2</sub> Recombiner Inboard Isolation Valve (2T49-F002B) was tested.
9. On 02/01/84, H<sub>2</sub>/O<sub>2</sub> Sample Outboard Isolation valve (2P33-F010) was tested.
10. On 02/01/84, Vacuum Relief Inboard Isolation Valve (2T48-F309) and Vacuum Relief Outboard Isolation Valve (2T48-F324) were tested (one test for Penetration X-205). Following the repair and cleaning of Vent Purge Supply Inboard and Outboard Isolation Valves, 2T48-F307 and 2T48-F103, the X-205 penetration had an as-left leakage of 700 ACCM which was acceptable.

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11. On 02/02/84, Drywell Differential Pressure System Discharge Inboard Isolation Valve (2T48-F209) was tested.
12. On 03/01/84, the CRW Pump Discharge Inboard Isolation Valve (2G11-F019) was tested.
13. On 03/02/84, TIP Drive Ball Inboard Isolation valve (2C51-J004A) was tested.
14. On 03/02/84, TIP Drive Ball Inboard Isolation valve (2C51-J004B) was tested.
15. On 03/02/84, TIP Drive Ball Inboard Isolation Valve (2C51-J004C) was tested.
16. On 03/02/84, TIP Drive Ball Inboard Isolation Valve (2C51-J004D) was tested.
17. On 03/02/84, TIP N<sub>2</sub> Purge Outboard Isolation Solenoid Valve (2C51-F3012) was tested.
18. On 03/02/84, Containment Spray Inboard Isolation Valve (2E11-F016A) was tested.
19. On 03/10/84, Containment Spray Isolation Valve (2E11-F028B) was tested.
20. On 03/05/84, Chemical Pump Discharge Outboard Isolation Valve (2G11-F852) was tested. The redundant valve was operable. Further investigation proved 2G11-F851 to be the cause of failure, thus 2E11-F852 was operable.
21. On 08/11/84, Drywell Pneumatic Return Inboard Isolation Check Valve (2P70-F091) was tested.
22. On 01/31/84, Vacuum Relief Inboard Isolation valve (2T48-F311) was tested.

B. At the time of discovery, plant personnel assumed that the leakage of the following tests was such that the plant could not meet the .009 La requirement of Tech. Specs. section 3.6.1.2.b.2.:

1. On 01/19/84, Dirty radwaste pump discharge outboard isolation valve (2G11-F004) was tested. The dirty radwaste pump discharge inboard isolation valve (2G11-F003) was found with an acceptable leakage of 20 ACCM; thus, this penetration remained leaktight.
2. On 02/10/84, Primary feedwater inboard isolation valve (2B21-F010A) was tested.
3. On 02/11/84, Primary feedwater outboard isolation valve (2B21-F077A) was tested. This leakage test failed due to the leakage of valve 2B21-F010A.
4. On 02/10/84, Primary feedwater inboard isolation valve (2B21-F010B) was tested.
5. On 02/12/84, Primary feedwater outboard isolation valve (2B21-F077B) was tested. This leakage test failed due to the leakage of valve 2B21-F010B.

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TEXT (If more space is required, use additional NRC Form 388A's) (17)

C. At the time of discovery, plant personnel assumed that the leakage of the following test was such that the plant could not meet the 11.5 SCFH requirement of Tech. Specs. section 3.6.1.2.c.:

On 1/16/84, Primary leakage test on penetration X-7C showed a leakage rate of 30 SCFH. This tested the inboard MSIV (2B21-F022C), the outboard MSIV (2B21-F028C), and a MSIV leakage control system isolation valve (2E32-F001K). After the as-found test was performed, 2B21-F022C and 2B21-F028C were rebuilt as part of a pre-planned maintenance schedule. The X-7C penetration was retested on 5/30/84 with an as-found leakage rate of 0 SCFH.

D. At the time of discovery, plant personnel assumed that the leakage of the following tests was such that the plant could not meet the requirements of the individual valve leakage rates specified as a result of ASME section XI:

1. On 01/20/84, the suction inboard isolation valves (2E11-F004A and 2E11-F030A) for the "A" RHR pump would not pressurize. Further investigation revealed that only the 2E11-F004A was leaking significantly.
2. On 01/26/84, the core spray test line inboard isolation valve (2E11-F007A) was tested.
3. On 01/19/84, the HPCI pump suction outboard isolation valve (2E41-F042) and the HPCI pump suction inboard isolation valve (2E41-F051) (i.e., both valves in penetration X-207) were found to have a combined leakage of 1600 ACCM. Further investigation revealed that only 2E41-F051 was leaking significantly.
4. On 01/20/84, the torus purification suction inboard isolation valve (2G51-F002) was tested.
5. On 01/27/84, the suction inboard isolation valves (2E11-F004B and 2E11-F030B) for the "B" RHR pump would not pressurize. Further investigation revealed that only the 2E11-F004B was leaking significantly.
6. On 02/04/84, the "A" RHR testable check valve (2E11-F050A) was tested.
7. On 02/04/84, the "B" RHR testable check valve (2E11-F050B) was tested.
8. On 02/29/84, the HPIC turbine exhaust inboard isolation valve (2E41-F021) and the HPCI turbine exhaust outboard isolation valve (2E41-F049) (i.e., both valves in penetration X-214) were found to have a combined leakage of 1750 ACCM. This leakage did not exceed the requirements of ASME section XI (1800 ACCM); however, on 07/09/84, the valves were overhauled and then successfully retested with an as-left leakage of 40 ACCM.
9. On 02/29/84, the RCIC turbine exhaust inboard isolation valve (2E51-F001) and the RCIC turbine exhaust outboard isolation valve (2E51-F040) (i.e., both valves in penetration X-212) would not pressurize.

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TEXT (If more space is required, use additional NRC Form 368A's) (17)

E. At the time of discovery, plant personnel assumed that the leakage of the following test was such that the plant could not meet the requirements of 10CFR50 Appendix J, Article III. A 1.d.:

On 08/07/84, the Chilled Water Supply Isolation Valve (2P64-F045) and Chilled Water Supply Isolation Valve (2P64-F047) were tested.

NOTE: The component failure information data and the "IDENTIFICATION OF EACH FAILED COMPONENT " sheets are arranged in the same order as Table 1.

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IDENTIFICATION OF EACH FAILED COMPONENT

MPL NUMBER	MANUFACTURER	MODEL NUMBER
. 2B21-F010A	. Rockwell	. Fig 970NTY(WCC)
. 2B21-F010B	. Rockwell	. Fig 970NTY(WCC)
. 2B21-F022C	. Rockwell	. 1612 JMMNTY
. 2B21-F028C	. Rockwell	. 1612 JMMNTY
. 2C51-J004A	. General Electric	.112C2391P001 Rev. 20.
. 2C51-J004B	. General Electric	.112C2391P001 Rev. 20.
. 2C51-J004C	. General Electric	.112C2391P001 Rev. 20.
. 2C51-J004D	. General Electric	.112C2391P001 Rev. 20.
. 2C51-F3012	. General Electric	. CAT 117C1
. 2E11-F004A	. Walworth Comp.	. Fig. S206WE
. 2E11-F004B	. Walworth Comp.	. Fig. S206WE
. 2E11-F007A	. Walworth Comp.	. Fig. S206WE
. 2E11-F008	. William Powell	. 19023 WE
. 2E11-F015B	. William Powell	. 19023 WE
. 2E11-F016A	. Walworth Comp.	. 5281 WE
. 2E11-F028B	. Walworth Comp.	. 5206 WE
. 2E11-F050A	. Rockwell	.Fig. 970(WCC) JMMNTY.
. 2E11-F050B	. Rockwell	.Fig. 970(WCC) JMMNTY.
. 2E21-F005A	. William Powell	. Fig. 16023 WE
. 2E21-F006A	. Rockwell	.Fig. 970(WCC)JMMNTY

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IDENTIFICATION OF EACH FAILED COMPONENT

MPL No.	MANUFACTURER	MODEL NO.
. 2E41-F021	. Atwood & Morrell & Comp.	. DWG.21212-C
. 2E41-F049	. Walworth Comp.	. Fig. 5341
. 2E41-F051	. Fisher Controls Comp.	. Fig. 9120
. 2E51-F001	. Walworth	. Fig. 5312
. 2E51-F007	. William Powell	. Fig. 19023
. 2G11-F004	. Pacific Valves	. 153G-7-WE-CC
. 2G11-F019	. Pacific Valves	. 153G-7-WE-CC
. 2G11-F852	. Hancock Mfg. Co.	. Type 950W
. 2G51-F002	. William Powell	. Fig. 1503WE
. 2P33-F010	. Fisher Controls Comp.	. 657-ES
. 2P64-F045	. Walworth Comp.	. Fig. 5275
. 2P70-F091	. Rockwell	. Fig. 36274
. 2T48-F209	. Pacific Valves	. 1536-7-WE-CC
. 2T48-F307	. Fisher Controls Comp.	. Fig. 9220
. 2T48-F103	. Fisher Controls Comp.	. Fig. 9220
. 2T48-F310	. Fisher Controls Comp.	. Fig. 9220
. 2T48-F311	. Fisher Controls Comp.	. Fig. 9220
. 2T48-F318	. Fisher Controls Comp.	. Fig. 9220
. 2T48-F119	. Fisher Controls Comp.	. Fig. 9220
. 2T48-F320	. Fisher Controls Comp.	. Fig. 9220
. 2T49-F002B	. William Powell	. Fig. 1503 WE

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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
X	J M	I S V	G 0 8 0	N	X	J M	I S V	F 1 3 0	N
X	J M	I S V	G 0 8 0	N	X	J M	I S V	W 0 3 0	N
X	J M	I S V	G 0 8 0	N	X	J M	I S V	R 3 4 0	Y
X	J M	I S V	G 0 8 0	N	X	J M	I S V	P 0 3 2	N
X	J M	I S V	G 0 8 0	N	X	B B	I S V	F 1 3 0	Y
X	B O	I S V	W 0 3 0	Y	X	B B	I S V	F 1 3 0	N
X	B O	I S V	W 0 3 0	Y	X	N H	I S V	F 1 3 0	Y
X	B O	I S V	W 0 3 0	Y	X	N H	I S V	F 1 3 0	Y
X	B O	I S V	P 3 0 5	Y	X	B B	I S V	F 1 3 0	Y
X	B O	I S V	P 3 0 5	Y	X	B B	I S V	F 1 3 0	Y
X	B O	I S V	W 0 3 0	Y	X	B B	I S V	F 1 3 0	Y
X	B O	I S V	W 0 3 0	Y	X	J M	I S V	P 1 3 0	N
X	B O	I S V	R B 1 4 0	Y					
X	B O	I S V	R B 1 4 0	Y					
X	B G	I S V	P B 1 0 5	Y					
X	B G	I S V	R B 1 4 0	Y					
X	B J	I S V	A 5 8 5	Y					
X	B J	I S V	W 0 3 0	Y					
X	B J	I S V	F 1 3 0	Y					
X	B N	I S V	W 0 3 0	Y					
X	B N	I S V	P B 1 0 5	N					
X	J M	I S V	P D 1 3 2	N					
X	J M	I S V	P D 1 3 2	N					
X	J M	I S V	H 0 3 7	N					
X	J M	I S V	P B 1 0 5	N					



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TEXT (If more space is required, use additional NRC Form 386A's) (17)

TABLE NUMBER 1

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PRIMARY CONTAINMENT PERIODIC TYPE B & TYPE C LEAKAGE TESTS FAILURE SUMMARY

VALVE DESCRIPTION	AS FOUND LEAKAGE	AS LEFT LEAKAGE	REPAIR SUMMARY
1. Primary Feedwater Inboard Isolation Valve 2B21-F010A **	*	40 accm	installed new valve
2. Primary Feedwater Inboard Isolation Valve 2B21-F010B **	*	0	welded up steam cut on seat area; then machined seat; replaced hinge pins; then repacked valve
3. Main Steam Inboard Isolation Valve 2B21-F022C ***	30 SCFH	0	rebuilt, and repacked valve
4. Main Steam Outboard Isolation Valve 2B21-F028C ***	30 SCFH	0	rebuilt, and repacked valve
5. Tip Drive Ball Valve Inboard Isolation 2C51-J004A **	750 accm	0	New ball valve installed
6. Tip Drive Ball Valve Inboard Isolation 2C51-J004B **	300 accm	0	New ball valve installed
7. Tip Drive Ball Valve Inboard Isolation 2C51-J004C **	2150 accm	0	New ball valve installed
8. Tip Drive Ball Valve Inboard Isolation 2C51-J004D **	2100 accm	0	New ball valve installed

\* Would not pressurize  
 \*\* Redundant isolation valve/ barrier in penetration was operable.  
 \*\*\* Both valves in penetration failed test.  
 \*\*\*\* ASME test only.

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TEXT (If more space is required, use additional NRC Form 386A's) (17)

TABLE NUMBER 1

(sheet 2 of 6)

PRIMARY CONTAINMENT PERIODIC TYPE B & TYPE C LEAKAGE TESTS FAILURE SUMMARY

VALVE DESCRIPTION	AS FOUND LEAKAGE	AS LEFT LEAKAGE	REPAIR SUMMARY
9. Tip N <sub>2</sub> Purge Outboard Isolation Solenoid Valve 2C51-F3012 **	60 accm	25 accm	cleaned internals, inspected seat and orifices; then reassembled
10. RHR Pump Suction Inboard Isolation Valve 2E11-F004A ****	*	350 accm	machined seats, aligned wedge and repacked the valve
11. RHR Pump Suction Inboard Isolation Valve 2E11-F004B ***	*	230 accm	polished seating surfaces and wedge; then repacked the valve
12. Core Spray Test Line Inboard Isolation 2E11-F007A ****	*	30 accm	cleaned and repacked the valve
13. RHR Shutdown Cooling Suction Isolation Valve 2E11-F008 **	3600 accm	50 accm	repolished seats, wedge, and cleaned the pressure seal area; then repacked the valve
14. RHR Return to Recirculation Isolation Valve 2E11-F015B **	1950 accm	0	repolished seats, wedge, and cleaned the pressure seal area

- \* Would not pressurize
- \*\* Redundant isolation valve/ barrier in penetration was operable.
- \*\*\* Both valves in penetration failed test.
- \*\*\*\* ASME test only.

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TABLE NUMBER 1

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PRIMARY CONTAINMENT PERIODIC TYPE B & TYPE C LEAKAGE TESTS FAILURE SUMMARY

VALVE DESCRIPTION	AS FOUND LEAKAGE	AS LEFT LEAKAGE	REPAIR SUMMARY
15. Containment Spray Inboard Isolation Valve 2E11-F016A **	1000 accm	220 accm	replaced disc, polished stem, and repacked the valve
16. RHR Test Line Isolation Valve 2E11-F028B **	1200 accm	800 accm	replaced packing and O rings
17. RHR Testable Check Valve 2E11-F050A ****	*	0	replaced the entire valve
18. RHR Testable Check Valve 2E11-F050B ****	*	0	replaced the entire valve
19. Core Spray Inboard Isolation Valve 2E21-F005A *** (PENETRATION X-16A)	1630 accm	20 accm	cleaned wedge and seat, then repacked valve
20. Core Spray Outboard Isolation Valve 2E21-F006A *** (PENETRATION X-16A)	*	1200 accm	realigned hinge pin, repacked valve
21. HPCI Turbine Exhaust Inboard Isolation Valve 2E41-F021 ****	1750 accm	40 accm	polished seat and disc, repacked valve
22. HPCI Turbine Exhaust Outboard Isolation Valve 2E41-F049 ****	1750 accm	40 accm	cleaned valve, machined seat, repaired disc, repacked valve

- \* Would not pressurize
- \*\* Redundant isolation valve/ barrier in penetration was operable.
- \*\*\* Both valves in penetration failed test.
- \*\*\*\* ASME test only.

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TABLE NUMBER 1

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PRIMARY CONTAINMENT PERIODIC TYPE B & TYPE C LEAKAGE TESTS FAILURE SUMMARY

VALVE DESCRIPTION	AS FOUND LEAKAGE	AS LEFT LEAKAGE	REPAIR SUMMARY
23. HPCI Pump Suction Inboard Isolation Valve 2E41-FO51 ****	1600 accm	0	installed new liner, flapper, shaft, tapered pins; replaced O rings, and repacked valve
24. RCIC Turbine Exhaust Inboard Isolation valve 2E51-FO01 ****	*	450 accm	replaced disc seat, replaced valve seat, then repacked valve
25. RCIC Steam Supply Inboard Isolation Valve 2E51-FO07 **	*	30 accm	wedge was not hitting the seat correctly. Realigned and repacked the valve
26. DRW Pump Discharge Outboard Isolation Valve 2G11-FO04 **	*	less than 20 accm	lapped wedge, cleaned valve, repacked valve
27. CRW Pump Discharge Inboard Isolation valve 2G11-FO19 **	750 accm	40 accm	cleaned wedge and repacked the valve
28. Chemical Pump Discharge Inboard Isolation Valve 2G11-F852 **	*	25 accm	cleaned the seat and bonnet of the blocking valve (2G11-F851); then repacked the valve

- \* Would not pressurize
- \*\* Redundant isolation valve/ barrier in penetration was operable.
- \*\*\* Both valves in penetration failed test.
- \*\*\*\* ASME test only.

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TEXT (If more space is required, use additional NRC Form 368A's) (17)

TABLE NUMBER 1

(sheet 5 of 6)

PRIMARY CONTAINMENT PERIODIC TYPE B & TYPE C LEAKAGE TESTS FAILURE SUMMARY

VALVE DESCRIPTION	AS FOUND LEAKAGE	AS LEFT LEAKAGE	REPAIR SUMMARY
29. Torus Purification Suction Inboard Isolation Valve 2G51-F002 ****	300 accm	25 accm	Cleaned and repacked valve
30. H <sub>2</sub> O <sub>2</sub> Sample Outboard Isolation Valve 2P33-F010 **	300 accm	20 accm	Cleaned valve, replaced gaskets, and packing; then set up valve via a bench test
31. Chilled Water Supply Isolation Valve 2P64-F045 **	2200 accm	120 accm	Machined seat and globe; repacked valve
32. Drywell Pneumatic Return Inboard Isolation valve 2P70-F091 **	*	190 accm	cleaned and repacked the valve
33. Drywell Differential Pressure System Discharge Inboard Isolation Valve 2T48-F209 **	2200 accm	80 accm	Replaced wedge and packing
34. Vent Purge Supply Inboard Isolation Valve 2T48-F307 ***  (PENETRATION X-25)	125 accm	0	Replaced O rings and glands, polished shaft, then repacked the valve
35. Vent Purge Supply Outboard Isolation Valve 2T48-F103 ***  (PENETRATION X-25)	3800 accm	700 accm	Cleaned and repacked the valve

- \* Would not pressurize
- \*\* Redundant isolation valve/ barrier in penetration was operable.
- \*\*\* Both valves in penetration failed test.
- \*\*\*\* ASME test only.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  EDWIN I. HATCH, UNIT 366	DOCKET NUMBER (2)  0 5 0 0 0 3 6 6 8 4 - 0 0 4 - 0 1 1 4 OF 1 4	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 388A a) (17)

TABLE NUMBER 1

(sheet 6 of 6)

PRIMARY CONTAINMENT PERIODIC TYP B & TYPE C LEAKAGE TESTS FAILURE SUMMARY

VALVE DESCRIPTION	AS FOUND LEAKAGE	AS LEFT LEAKAGE	REPAIR SUMMARY
36. Vacuum Relief Inboard Isolation Valve 2T48-F310 **	360 accm	80 accm	Replaced "O" rings; cleaned and repacked the valve
37. Vacuum Relief Inboard Isolation Valve 2T48-F311 **	2200 accm	0	Replaced "O" rings; cleaned and repacked the valve
38. Vent Purge Outlet Inboard Isolation Valve 2T48-F318 **	70 accm	0	Replaced "O" rings; cleaned and repacked the valve
39. Vent Purge Return Inboard Isolation Valve 2T48-F319 *** (PENETRATION X-26)	*	0	Replaced "O" rings; cleaned and repacked the valve
40. Vent Purge Return Outboard Isolation Valve 2T48-F320 *** (PENETRATION X-26)	690 accm	0	Replaced "O" rings; cleaned and repacked the valve
41. LOCA H <sub>2</sub> Recombiner Inboard Isolation Valve 2T49-F002B **	350 accm	160 accm	Cleaned, repolished and repacked valve

- \* Would not pressurize
- \*\* Redundant isolation valve/ barrier in penetration was operable.
- \*\*\* Both valves in penetration failed test.
- \*\*\*\* ASME test only.

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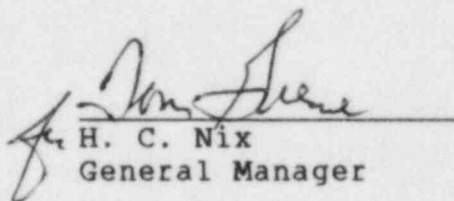
Edwin i. Hatch Nuclear Plant

September 28, 1984  
GM-84-862

PLANT E. I. HATCH  
Licensee Event Report  
Docket No. 50-366

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Attached is Licensee Event Report No. 50-366/1984-04, Rev. 1. This report is required by 10 CFR 50.73(a)(2)(v)(C) and 10 CFR 50.73(a)(2)(ii).

  
H. C. Nix  
General Manager

*JCC*  
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