

**LICENSEE EVENT REPORT (LER)**

FACILITY NAME (1) <b>EDWIN I. HATCH, UNIT II</b>										DOCKET NUMBER (2) 0   5   0   0   0   3   6   6					PAGE (3) 1 OF 02									
TITLE (4) <b>UNPLANNED ISOLATION OF REACTOR WATER CLEANUP VALVE</b>																								
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)														
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)											
0	4	2	9	8	5	8	5	—	0	1	9	—	0	0	0	5	2	7	8	5	0   5   0   0   0			
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)																					
5			20.402(b)				20.406(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)									
POWER LEVEL (10)			20.406(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)									
0   0   0			20.403(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)(ii)				50.73(a)(2)(viii)(A)													
			20.406(a)(1)(iv)				50.73(a)(2)(iii)				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										TELEPHONE NUMBER														
Steven B. Tirps, Superintendent of Regulatory Compliance										9   1   2   3   6   7   4   7   8   5   1														
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																								
CAUSE	SYSTEM	COMP	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC														
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR										
YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO														

**ABSTRACT** (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (15

At approximately 1330 CDT on 04/29/85, with the unit in cold shutdown for refueling, plant personnel were performing the 18 month "RWCU SYSTEM ROOM AMBIENT AND DELTA T INSTRUMENT FT & C" procedure (HNP-2-3503). During this test, operations personnel noted that the reactor water cleanup (RWCU) primary containment inboard isolation valve 2G31-F001 isolated. The isolation signal was reset, and the valve re-opened at approximately 1335 CDT.

After an investigation, plant personnel determined that the RWCU valve isolation was due to an incorrectly labeled resistance temperature detector (RTD). The RTD identified as 2G31-N062H should have been labeled 2G31-N062E. Consequently, when plant personnel jumpered the trip function (to prevent the isolation from occurring while the test was being performed) for 2G31-N062H, and then actually heated 2G31-N062E, 2G31-F001 isolated on a high RWCU pump room temperature signal.

The mislabeling of the RTD was the result of personnel error by a person or persons unknown. It is postulated that the incorrect labeling error occurred during initial RTD installation on 08/26/84. Incorrect labeling of the RTD did not affect its operability.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
EDWIN I. HATCH, UNIT II	0 5 0 0 0 3 6 6 8 5	—	0 1 9	— 0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 365A's) (17)

At approximately 1330 CDT on 04/29/85, with the unit in cold shutdown for refueling, plant personnel were performing the 18 month "RWCU SYSTEM ROOM AMBIENT AND DELTA T INSTRUMENT FT & C" procedure (HNP-2-3503). During this test, operations personnel noted that the reactor water cleanup (RWCU) primary containment inboard isolation valve 2G31-F001 isolated. The isolation signal was reset, and the valve re-opened at approximately 1335 CDT.

After an investigation, plant personnel determined that the RWCU valve isolation was due to an incorrectly labeled resistance temperature detector (RTD). The RTD identified as 2G31-N062H should have been labeled 2G31-N062E. Consequently, when plant personnel jumpered the trip function (to prevent the isolation from occurring while the test was being performed) for 2G31-N062H, and then actually heated 2G31-N062E, 2G31-F001 isolated on a high RWCU pump room temperature signal (from 2G31-N062E).

This 30 day LER is required by 10 CFR 50.73(a)(2)(iv) because this event shows that an unplanned actuation of an engineered safety feature (RWCU Primary containment inboard isolation valve [2G31-F001]) occurred.

This event had no actual or potential safety consequences (i.e., the isolation of the valve had no impact on safe operation of the plant); nor were other systems in Unit 2, or Unit 1 affected.

After plant personnel determined that RTD 2G31-N062H was incorrectly labeled, they checked the labeling of the other associated RTDs (i.e., 2G31-N062A, D, E, J, and M). This showed that 2G31-N062J and 2G31-N062M were also incorrectly labeled.

This event is the result of personnel error by a person or persons unknown. Since this event describes the first time this procedure has been performed after RTD installation was completed on 08/26/84, it is postulated that the error (incorrect labeling) occurred during initial RTD installation by design change request (DCR) 81-139. Incorrect labeling of the three RTDs did not affect their intended purpose -- this only affected the testing of the RTDs.

Plant personnel corrected the labeling on RTDs 2G31-N062E, 2G31-N062J and 2G31-N062M. The RWCU SYSTEM ROOM AMBIENT AND DELTA T INSTRUMENT FT&C" procedure (HNP-2-3503) was then completed at approximately 1400 CDT on 05/01/85.

There has been no other past similar events.

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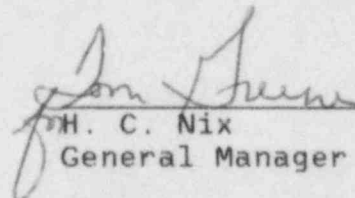
Edwin I. Hatch Nuclear Plant

May 27, 1985  
GM-85-496

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. 50-366/1985-019. This report is required by 10CFR 50.73(a)(2)(iv).

  
H. C. Nix  
General Manager

HCN/SBT/vlz

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