

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) EDWIN I. HATCH, UNIT 2 DOCKET NUMBER (2) 0 5 0 0 0 3 6 6 1 OF 0 2 PAGE (3)

TITLE (4) Unplanned Actuation of An ESF

EVENT DATE (5)			LER NUMBER (8)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (6)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
08	15	84	84	016	00	09	10	84			05000

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

OPERATING MODE (9) 5	20.402(b)	20.406(e)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 000	20.406(a)(1)(i)	50.38(c)(1)		50.73(a)(2)(v)	73.71(c)
	20.406(a)(1)(ii)	50.38(c)(2)		50.73(a)(2)(vii)	<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 365A)
	20.406(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	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	TELEPHONE NUMBER
T. L. Elton, Acting Superintendent of Regulatory Compliance	912 367 1785

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
A	AB	PDTR	080	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

On 8/15/84 at approximately 1830 CST, a spurious LOCA signal initiated the following: four RHR pumps started, 2 core spray pumps started and injected into the reactor vessel, three diesel generators started, HPCI and RCIC initiated.

After an investigation it was learned that the "PRESSURE TESTING OF PIPING AND COMPONENTS" procedure (HNP-6907) data package had been incorrectly completed in regards to the proper valve alignment for the testing of new instrument tubing welds. This resulted in a pressure differential that the pressure transmitter sensed as a LOCA signal.

This event is the result of personnel error in the completing of the procedure data package.

No procedure revision was required since the procedure data package was for a one time use.

On 8/15/84 at approximately 1835 CST, the LOCA signal was cleared and the affected systems were immediately returned to normal standby status.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	- 0 1 6	- 0 0	0 2	OF 0 2

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

This 30 day LER is required by 10CFR 50.73(a)(2)(iv) because an event occurred that resulted in the unplanned, automatic actuation of an engineered safety feature during a hydrostatic test of instrument tubing welds.

Notification by this LER also fulfills the special report requirements of Unit 2 Tech. Specs. section 3.5.3.1, ACTION 3. The total core spray injections into the vessel to date has been 1.

On 8/15/84 (with the Unit in a recirculation pipe outage) at approximately 1830 CST, a spurious loss of coolant accident (LOCA) signal initiated the following sequence of events: 4 RHR pumps started, 2 core spray pumps started and injected into the reactor vessel, three diesel generators started, and HPCI and RCIC initiated.

After an investigation of the cause of the spurious LOCA signal, it was learned that the spurious signal was transmitted by one of two reactor water level pressure transmitters (2B21-N091B or 2B21-N091D), which are a part of the newly installed analog transmitter trip system (ATTS).

In preparation for a hydrostatic pressure test of instrument tubing welds, a technician was performing a valve alignment on instrument panel 2H21-P405A (which houses 2B21-N091B & D) per the "PRESSURE TESTING OF PIPING AND COMPONENTS" procedure (HNP-6907). The procedure (HNP-6907) did not require the technician to open the transmitters' pressure equalizing valves prior to valving in the hydrostatic pressure. Consequently, when the hydrostatic pressure was valved into one side of the pressure transmitter, the other side of the transmitter sensed static atmospheric pressure which caused the transmitter to sense a momentary LOCA condition and transmit a LOCA signal.

The cause of this event is personnel error in that the individual who completed the procedure data package of HNP-6907 did not specify that the pressure transmitters' equalizing valves should be opened prior to pressurizing the system.

After the investigation it was determined that no procedure revision was required since the procedure data package was for a one time use, and when the mistake was discovered the weld examination was finished.

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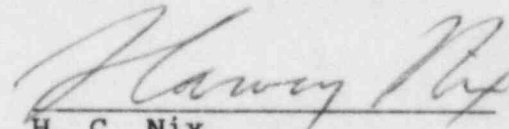
Edwin I. Hatch Nuclear Plant

September 10, 1984
GM-84-755

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. 50-366/1984-016. This report is required by 10CFR 50.73(a)(2)(iv).


H. C. Nix
General Manager

see
HCN/TLE/vlt

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