

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) <b>EDWIN I. HATCH, UNIT 2</b>	DOCKET NUMBER (2) <b>0 5 0 0 0 3 6 6</b>	PAGE (3) <b>1 OF 0 2</b>
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TITLE (4)  
**ESF ACTUATION DUE TO HIGH DIFFERENTIAL FLOW**

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)
												<b>0 5 0 0 0</b>
<b>0 9</b>	<b>2 4</b>	<b>8 4</b>	<b>8 4</b>	<b>0 1 0</b>	<b>0 1 1 1</b>	<b>0 5</b>	<b>8 4</b>					<b>0 5 0 0 0</b>

OPERATING MODE (9) **1**

POWER LEVEL (10) **0 7 2**

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

<input type="checkbox"/> 20.402(b)	<input checked="" type="checkbox"/> 20.406(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)
<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	
<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME <b>T. L. Elton, Acting Supt. of Regulatory Compliance</b>	TELEPHONE NUMBER	
	AREA CODE <b>9 1 1 2</b>	<b>3 6 1 7 1 7 8 5 1</b>

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRRDS

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 09/08/84, at approximately 1500 CDT, with the reactor mode switch in the run position and reactor power at 1745 MWT (approximately 72% power), the Reactor Water Clean-up (RWCU) Inboard and Outboard Isolation Valves (2G31-F001 and 2G31-F004, respectively) isolated due to a high differential flow signal. No actual or potential safety consequences or implications resulted from this event. This event had no impact on any other Unit 2 systems or on Unit 1. The health and safety of the public were not affected by this non-repetitive event.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  EDWIN I. HATCH, UNIT 2	DOCKET NUMBER (2)  0 5 0 0 0 3 6 6 8 4	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		0 1 0	0 1 0	0 1 0	2	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) since the Reactor Water Clean-up Inboard and Outboard Isolation Valves (2G31-F001 and 2G31-F004, respectively) are Primary Containment Isolation Valves and their isolation constitutes the actuation of an Engineered Safety Feature (ESF).

On 09/08/84, at approximately 1500 CDT, with the reactor mode switch in the run position and reactor power at 1745 MWT (approximately 72% power), the Reactor Water Clean-up (RWCU) Inboard and Outboard Isolation Valves (2G31-F001 and 2G31-F004, respectively) isolated due to a high differential flow signal. No actual or potential safety consequences or implications resulted from this event. This event had no impact on any other Unit 2 systems or on Unit 1. The health and safety of the public were not affected by this non-repetitive event.

An investigation concluded that when the "A" RWCU demineralizer was manually valved in (after a backwash and precoat), the demineralizer was not completely full. Thus, the high differential flow signal and subsequent isolation signal were received. The RWCU System was returned to service at approximately 1520 CDT on 09/08/84.

On 09/24/84, while performing an investigation to write another LER, plant personnel determined that the above event had occurred. On 09/26/84 the determination was made that a Deficiency Report had not been written due to personnel oversight. A Deficiency Report was filed and the 4 hour notification as required by 10CFR 50.72 (b)(2)(ii) was made. Thus, the discovery date for this event was 09/24/84.

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Post Office Box 439  
Baxley, Georgia 31513  
Telephone 912 367-7781  
912 537-9444



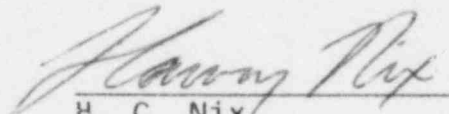
Edwin I. Hatch Nuclear Plant

November 5, 1984  
GM-84-994

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. 50-366/1984-10, Rev. 1. This report is required by 10CFR 50.73(a)(2)(IV).

  
H. C. Nix  
General Manager

<sup>Tks</sup>  
HCN/TLE/vlt

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