U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES 8/31/85

LICENSEE EVENT REPORT (LER)

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

TITLE (4)
ESF System Actuation Due To Instrument Failure

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 5 0 0 0 0
0 8	0 9	8 4	8 4	0 1 2	0 0	0 9	0 7	8 4		0 5 0 0 0 0

OPERATING MODE (9)	5

POWER LEVEL (10)	0 0 0

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

	20.402(b)		20.405(c)	X 50.73(a)(2)(iv)	73.71(b)
	20.405(a)(1)(i)		50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
	20.405(a)(1)(ii)		50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.405(a)(1)(iii)		50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
	20.405(a)(1)(iv)		50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
	20.405(a)(1)(v)		50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER	
	AREA CODE	
T. L. Elton, Acting Superintendent of Regulatory Compliance	9 1 2	3 6 7 - 7 8 5 1

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

CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS	
X	J M	T S	F 0 8 0	Y							

SUPPLEMENTAL REPORT EXPECTED (14)

		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

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

On 8/8/84 at approximately 0535 CDT, a trip signal to Reactor Water Clean-up (RWCU) isolation valve 2G31-F004 (i.e., a Primary Containment Isolation Valve, PCIS, which is listed as an Engineered Safety Feature, ESF) caused it to close.

Further investigation revealed that a Fenwal Type 56100 Temperature switch (2G31-N008), used for monitoring RWCU Non-Regenerative Heat Exchanger (2G31-B002) outlet temperature, had failed causing the isolation of 2G31-F004. 2G31-N008 was repaired and recalibrated and RWCU was returned to service on 8/13/84.

NRC Form 366A
(9-83)

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
EDWIN I. HATCH, UNIT 2	0 5 0 0 0 3 6 6	8 4	— 0 1 2	— 0 0	0 2 OF 0 2

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

On 8/8/84 at approximately 0535 CDT, the unit was in shutdown in a recirculation pipe outage when a trip signal to part of the Primary Containment Isolation System resulted in a RWCU isolation valve closing. Since this valve is part of the Primary Containment Isolation System which in an ESF, this is reportable per 10CFR 50.73 (a)(2)(iv).

Investigation revealed that a Fenwal Type 56100 Temperature switch (2G31-N008), used for monitoring RWCU Non-regenerative Heat Exchanger (2G31-B002) outlet temperature, had failed causing the 2G31-F004 valve to isolate. The electronic temperature circuit board in 2G31-N008 was replaced to repair 2G31-N008. Then 2G31-N008 was recalibrated per the "FENWAL TYPE 56100 TEMPERATURE SWITCH" calibration procedure (HNP-2-5282) and returned to service on 8/13/84. RWCU was returned to service on 8/13/84 at approximately 1220 CDT.
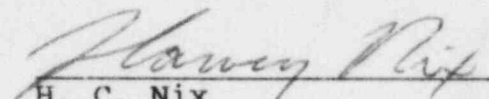
Georgia Power

Edwin I. Hatch Nuclear Plant

September 7, 1984
GM-84-754

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. 50-366/1984-012. This report
is required by 10CFR 50.73(a)(2)(iv).

H. C. Nix
General Manager

HCN/TLE/vlt

xc: R. J. Kelly
       R. E. Conway
       J. T. Beckham, Jr.
       P. D. Rice
       K. M. Gillespie
       Superintendent of Regulatory Compliance
       R. D. Baker
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       Document Control

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