

## LICENSEE EVENT REPORT (LER)

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

PAGE (3)

TITLE (4)

## Reactor Protection System Logic Actuation Due To Spurious Noise

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	0	2	0 5 0 0 0
0	4	2	9	8	5	0	0	2	0	0	0 5 0 0 0

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

OPERATING MODE (9)	20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)
5			X	
POWER LEVEL (10)	20.406(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
0 0 0	20.406(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	
	20.406(a)(1)(iii)	50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	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  
Steven B. Tipps, Superintendent of Regulatory Compliance

TELEPHONE NUMBER

AREA CODE

9 1 2 3 6 7 1 7 8 5 1

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

On 04/29/85 at approximately 0450 CDT and at approximately 2045 CDT while plant personnel were inserting fuel in the vessel, a spurious Reactor Protection System (RPS) logic actuation occurred (no SCRAM occurred since all of the control rods were already inserted). In both cases, the RPS trips were reset immediately.

Both events were due to spurious electrical noise in an Intermediate Range Monitor (IRM) channel (in the first event the "E" IRM channel was responsible and in the second event the "D" IRM channel was responsible). During fuel movement, the RPS shorting links are removed. In this configuration, one IRM spurious trip will result in a full RPS logic actuation. Thus, making unplanned spurious RPS logic actuations more prevalent during core alterations.

Similar events (i.e., RPS actuation due to spurious electrical noise in the Neutron Monitoring System) have occurred as reported via LERs 50-321/1984-23 and 50-366/1985-015. There are no further actions planned for this event.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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

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

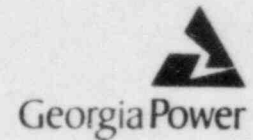
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Both events were due to spurious electrical noise in an Intermediate Range Monitor (IRM) channel (in the first event the "E" IRM channel was responsible and in the second event the "D" IRM channel was responsible). During fuel movement the RPS shorting links are removed. In this configuration, one IRM spurious trip will result in a full RPS logic actuation.

This 30 day report is required by 10CFR 50.73(a)(2)(iv) since these events were unplanned actuations of an ESF (i.e., RPS).

Similar events (i.e, RPS actuation due to spurious electrical noise in the Neutron Monitoring System) have occurred as reported via LERS 50-321/1984-23 and 50-366/1985-015. There are no further actions planned for this event.

Georgia Power Company  
Post Office Box 439  
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Telephone 912 367-7781  
912 537-9444



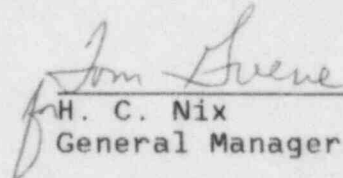
Edwin I. Hatch Nuclear Plant

May 29, 1985  
GM-85-495

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. 50-366/1985-002. This report is required by 10CFR 50.73(a)(2)(iv).

  
H. C. Nix  
General Manager

HCN/SBT/vlz

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