

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) <b>EDWIN I. HATCH, UNIT I</b>	DOCKET NUMBER (2) 0 5 0 0 0 3 2 1	PAGE (3) 1 OF 0 2
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TITLE (4)  
**Erratic Level Indication Causing RPS Logic Actuation**

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

OPERATING MODE (9) 3	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)									
POWER LEVEL (10) 0 0 1	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(c)	<input checked="" 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)(i)	<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)		TELEPHONE NUMBER	
NAME <b>T. L. Elton, Acting Superintendent of Regulatory Compliance</b>		AREA CODE 9 1 1 2	NUMBER 3 6 7 1 7 8 5 1 1

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

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/> 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) (16)

On 09/29/84, at approximately 0836 CDT with Unit 1 in hot shutdown at less than 1% power, proceeding to cold shutdown for a refueling outage, an RPS logic actuation occurred from erratic "A" reactor water level instruments, 1B21-N017A & B. On 09/30/84, at approximately 0100 CDT and 0315 CDT with Unit 1 in cold shutdown, erratic indication on "A" reactor water level instrument caused RPS logic actuations again.

The cause of these events was postulated as air trapped in the instrument lines resulting in erratic indication on the "A" level instruments.

Each time following the erratic indication on "A" level instruments, the variable leg (i.e., high side) was backfilled with water to resolve the problem. Backfilling the variable leg more than once to correct air trapped in the variable leg is the only corrective action necessary.

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PDR ADDCK 05000321  
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  EDWIN I. HATCH, UNIT 1	DOCKET NUMBER (2)  0 5 0 0 0 3 2 1 8 4 - 0 1 6 - 0 0 0 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)

This 30 day report is required by 10CFR50.73 (a)(2)(iv) due to these unplanned logic actuations of an ESF (RPS).

On 09/29/84, at approximately 0836 CDT with Unit 1 in hot shutdown at less than 1% power, proceeding to cold shutdown for a refueling outage, an RPS logic actuation occurred from erratic "A" reactor water level instruments, 1B21-N017A & B. On 09/30/84, at approximately 0100 CDT and 0315 CDT with Unit 1 in cold shutdown, erratic indication on "A" reactor water level instrument caused RPS logic actuations again.

The cause of this event was postulated as air trapped in the instrument lines resulting in erratic indication on the "A" level instruments.

Each time following the erratic indication on "A" level instruments, the variable leg (i.e., high side) was backfilled with water to resolve the problem. Backfilling the variable leg more than once to correct air trapped in the variable leg is the only corrective action necessary.

Since the last time the "A" level instruments' variable leg was backfilled, there has not been any erratic indication.

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



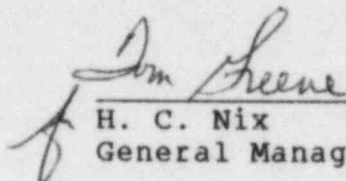
Edwin I. Hatch Nuclear Plant

October 25, 1984  
GM-84-922

PLANT E. I. HATCH  
Licensee Event Report  
Docket No. 50-321

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Attached is Licensee Event Report No. 50-321/1984-016. This report is required by 10CFR 50.73(a)(2)(iv).

  
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H. C. Nix  
General Manager

*JCE*  
HCN/TLE/vlz

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*IE22*  
*1/1*