

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) EDWIN I. HATCH, UNIT I										DOCKET NUMBER (2) 0 5 0 0 0 3 2 1					PAGE (3) 1 OF 0 2										
TITLE (4) THREE DIESELS INOPERABLE SIMULTANEOUSLY																									
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)												
1	1	1	7	8	4	8	4	0	2	7	0	0	1	2	1	4	8	4	0	5	0	0	0		
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8. (Check one or more of the following) (11)																							
5		20.462(b)				20.406(a)				50.73(a)(2)(iv)				73.71(b)											
POWER LEVEL (10)		20.406(a)(1)(i)				50.36(e)(1)				50.73(a)(2)(v)				73.71(e)											
0 0 0		20.406(a)(1)(ii)				50.36(e)(2)				50.73(a)(2)(vii)				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										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 NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS															
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)																									
<p>On 11/17/84, the lube oil temperature of the "1B" diesel generator dropped below 105°F. Then at approximately 1200 CST, plant personnel declared it inoperable as required by the "DIESEL LUBE OIL TROUBLE" procedure (HNP-1-2303). Since the "1A" and "1C" diesel generators were already inoperable ("1A" for modification to division one of plant service water and "1C" for annual preventive maintenance), the plant could not comply with Tech. Specs. section 3.9.C (i.e., one diesel generator shall be operable when the core is unloaded).</p> <p>Investigation revealed that the lube oil temperature dropped for the following reasons:</p> <ul style="list-style-type: none"><li>a. The setpoint of the temperature switch which turns the lube oil heater on (R43-N007B) was set too close to the setpoint of temperature switch which turns the lube oil heater off (R43-N773B).</li><li>b. This caused the heater to switch on and off rapidly, which in turn tripped the supply breaker for the lube oil heater.</li></ul> <p>When the "1B" diesel generator lube oil temperature dropped to less than 105°F, the "1B" diesel generator was tagged out for the performance of the "DIESEL GENERATOR SYSTEM MAINTENANCE" procedure (HNP-1-6450). After completion of HNP-1-6450, plant personnel returned the "1B" diesel generator to operable status on 11/18/84 at approximately 0000 CST.</p>																									
8412200332 841214 PDR ADOCK 0500C321 S PDR																									

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (5)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
EDWIN I. HATCH, UNIT 1	0500032184	—	027	—	00	2 OF 2

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

This 30 day report is required by 10CFR50.73(a)(2)(i) due to this event's showing that the plant was not complying with Tech. Specs. section 3.9.C.

On 11/17/84, with the unit shutdown for a refueling outage (with no fuel in the vessel), the lube oil temperature of the "1B" diesel generator dropped below 105°F. Then at approximately 1200 C, plant personnel declared it inoperable as required by the "DIESEL LUBE OIL TEMPERATURE" procedure (HNP-1-2303). Since the "1A" and "1C" diesel generators were already inoperable ("1A" for modification to division one of plant service water and "1C" for annual preventive maintenance), the plant could not comply with Tech. Specs. section 3.9.C (i.e., one diesel generator shall be operable when the core is unloaded).

When the "1B" diesel generator lube oil temperature dropped to less than 105°F, the "1B" diesel generator was tagged out for the performance of the "DIESEL GENERATOR SYSTEM MAINTENANCE" procedure (HNP-1-6450). After completion of HNP-1-6450, plant personnel returned the "1B" diesel generator to operable status on 11/18/84 at approximately 0000 CST.

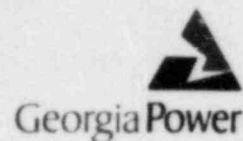
On 11/20/84, at approximately 1300 CST, the "1B" diesel generator was declared inoperable again when the lube oil temperature dropped below 105°F; however, during this event the plant was in compliance with Tech. Specs. section 3.9.C. After completion of HNP-1-6450, plant personnel returned the "1B" diesel generator to operable status on 11/20/84 at approximately 2151 CST.

Further investigation (following the second event) revealed that the lube oil temperature dropped for the following reasons:

- a. The setpoint of the temperature switch which turns the lube oil heater on (R43-N007B) was set too close to the setpoint of temperature switch which turns the lube oil heater off (R43-N773B).
- b. This caused the heater to switch on and off rapidly, which in turn tripped the supply breaker for the lube oil heater.

Also, before either of these events occurred, plant personnel had submitted a procedure revision request for the "ALLEN BRADLEY/CONSOLIDATED CONTROLS & UNITED ELEC. TEMPERATURE SWITCH" procedure (HNP-1-5243) -- this request was to change the setpoints to comply with the work performed per Design Change Request 82-259 which changed the setpoint of R43-N007B such that the lube oil heater would control the lube oil temperature properly. The procedure revision was approved on 11/16/84, and the R43-N007B recalibration was performed by 11/22/84 to prevent recurrence of these events. The same procedure was also performed on the applicable switches for the "1A" and "1C" diesel generators by 11/22/84.

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Edwin I. Hatch Nuclear Plant

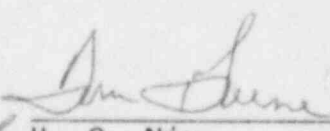
December 14, 1984

GM-84-1081

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. 50-321/1984-027. This report is required by 10CFR 50.73(a)(2)(i).

  
H. C. Nix  
General Manager

*JCC*  
HCN/TLE/vlz

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