

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): EDWIN I. HATCH, UNIT II
DOCKET NUMBER (2): 05000366
PAGE 1 OF 2

TITLE (4):

Inadequate Bolting Material For RHR Service Water Pumps' Columns

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

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)															
POWER LEVEL (10)	100	20.402(b)				20.406(a)				50.73(a)(2)(iv)				73.71(b)			
		20.406(a)(1)(i)				50.38(c)(1)				50.73(a)(2)(v)				73.71(c)			
		20.406(a)(1)(ii)				50.38(c)(2)				50.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 386A)			
		20.406(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)							
		20.406(a)(1)(iv)				X 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: T. L. Elton, Acting Superintendent of Regulatory Compliance
TELEPHONE NUMBER: 912 367 7851
AREA CODE: 912

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

CAUSE	SYSTEM	COMPONENT	MANUFAC. TUNER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFAC. TUNER	REPORTABLE TO NPDOS		
B	B	I	P	J 1 0 5	N	B	B	I	P	J 1 0 5	N
B	B	I	P	J 1 0 5	N	B	B	I	P	J 1 0 5	N

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE): ☒ NO
EXPECTED SUBMISSION DATE (15):

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

This 30 day LER is required by 10CFR50.73(a)(2)(ii)(A).

On 10/15/84, a report from LETCO (Law Engineering Testing Company) notified the plant that an incorrect type bolting material [function: to secure the RHR Service Water Pump's (2E11-C001, A, B, C & D) columns to their respective discharge header] had been in use since 06/01/82. On 11/05/84, with the reactor mode switch in the run position and reactor power at 2434 MWt (approximately 100% power), plant personnel noted that the required Deficiency Report had not been written.

No actual safety consequences resulted from this event. This event had no impact on any other Unit 2 system or on Unit 1. The health and safety of the public were not affected by this non-repetitive event.

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PDR ADOCK 05000366
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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 (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
EDWIN I. HATCH, UNIT II	0500036684	-0	32	-0	00	2 OF 2

TEXT (If more space is required, use additional NRC Form 388A 2/17)

This 30 day LER is required by 10CFR50.73(a)(2)(ii)(A).

On 09/21/84, Johnston Pump Company (vendor of the RHR Service Water Pumps) was performing a review of the latest revision of the seismic analysis for the RHR Service Water system and documentation of the original installation of the pumps. As a result of this, they notified Southern Company Services, Inc. (SCSI) that if the bolting material [function : to secure the RHR Service Water Pump's (2E11-C001 A,B,C, & D) columns to their respective discharge header] was stainless steel (as originally installed), then the bolting material was over-stressed due to a design modification that had been implemented on the system's support brackets on 06/01/82.

Samples of the questionable bolting material were taken on 09/25/84, and sent to LETCO (Law Engineering Testing Company) for an analysis to determine the material's type.

Georgia Power Company's management decided to take the conservative approach to assure an acceptable margin of safety, thus the questionable bolting materials were changed out with a known acceptable type bolting material. The bolting material for pumps 2E11-C001A & B were changed out, and the pumps were then functionally tested satisfactorily and returned to service on 09/27/84. The bolting material for pumps 2E11-C001C & D were changed out, and the pumps were then functionally tested satisfactorily and returned to service on 09/28/84.

On 10/15/84, the test results from LETCO confirmed that the "previous" bolting materials were in fact stainless steel. However, at the time of this confirmation the inadequate bolting materials had already been changed out with a known acceptable/adequate type material.

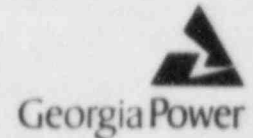
On 11/05/84, with the reactor mode switch in the run position and reactor power at 2434 MWt (approximately 100% power), plant personnel noted that the required Deficiency Report had not been written on 10/15/84. The start time for the 30-day LER began at this time.

No actual safety consequences resulted from this event. However, during an OBE it is assumed that bolting material failure would have occurred for RHR Service Water pumps 2E11-C001A,B,C, & D; thus, rendering the system inoperable. This event had no impact on any other Unit 2 system or on Unit 1. The health and safety of the public were not affected by this non-repetitive event.

The primary cause of this event was that the pump's vendor did not properly notify Georgia Power Company of the need to change the bolting material when a design modification was made on the system's support brackets. Additionally, the A/E did not recognize the need for the bolting material change during their review of the seismic analysis for the support brackets' design modification.

Note: For additional information concerning actions and precautionary measures taken, refer to Georgia Power Company letter NED-84-512, dated September 23, 1984.

Georgia Power Company
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Baxley, Georgia 31513
Telephone 912 367-7781
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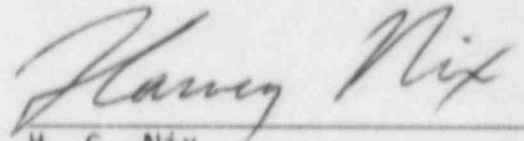
Edwin I. Hatch Nuclear Plant

December 4, 1984
GM-84-1082

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. 50-366/1984-032. This report is required by 10CFR 50.73(a)(2)(ii).


H. C. Nix
General Manager

HCN/TLE/vlz

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