

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) EDWIN I. HATCH, UNIT I										DOCKET NUMBER (2) 0 5 0 0 0 3 2 1 1 OF 0 3										PAGE (3) 1				
TITLE (4) RHR Service Water Pump (E11-C001B) Seismic Restraint Outer Clamp																								
EVENT DATE (5)			LER NUMBER (8)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (9)														
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES						DOCKET NUMBER(S)									
1	0	1	1	8	4	8	4	0	1	9	0	0	1	1	0	9	8	4	0 5 0 0 0					
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																					
5			20.402(b)				20.406(e)				50.73(a)(2)(iv)				73.71(b)									
POWER LEVEL (10)			20.406(a)(1)(i)				50.38(e)(1)				X 50.73(a)(2)(v)				73.71(e)									
0 0 0			20.406(a)(1)(ii)				50.38(e)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 356A)									
			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 NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs														
B	B	I	S	P	T	U	O	Q	O	Y														
SUPPLEMENTAL REPORT EXPECTED (14)											EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR									
YES (If yes, complete EXPECTED SUBMISSION DATE)											NO		0		1	5	8							

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

On 10/11/84, with the reactor mode switch in the refuel position and the unit shutdown for refueling, maintenance personnel determined that the outer clamp on the seismic restraint for the "B" RHR service water pump (E11-C001B) was missing; the clamp was later found in the intake sump. This event was discovered while performing preventive maintenance per the "RHR SERVICE WATER SYSTEM MAINTENANCE" procedure (HNP-1-6030).

The actual or potential safety consequences or implications that resulted from this event are that the "B" RHR service water pump would have been inoperable in a seismic event. The health and safety of the public were not affected by this non-repetitive event. The exact time of this event is unknown. The last time the "B" RHR service water pump was removed and re-installed was September 18, 1983.

The probable cause of the outer clamp not being in place is inadequate construction/installation. The outer clamp will be replaced during pump reassembly.

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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 1	0500032184	—	019	—	00	2	OF 3

TEXT (If more space is required, use additional NRC Form 368A's) (17)

The 30 day LER is required by 10CFR50.73 (a)(2)(i)(B) because the "B" RHR service water pump would have been inoperable in a seismic event. The exact time of this event is unknown, thus the requirements of Tech. Specs. section 3.5.C.4 were not complied with.

On 10/11/84, with the reactor mode switch in the refuel position and the unit shutdown for refueling, maintenance personnel determined that the outer clamp on the seismic restraint for the "B" RHR service water pump (E11-C001B) was missing; the clamp was later found in the intake sump. This event was discovered while performing preventive maintenance per the "RHR SERVICE WATER SYSTEM MAINTENANCE" procedure (HNP-1-5030).

The actual or potential safety consequences or implications that resulted from this event are that the "B" RHR service water pump would have been inoperable in a seismic event. The health and safety of the public were not affected by this non-repetitive event. The exact time of this event is unknown. The last time the "B" RHR service water pump was removed and re-installed was September 18, 1983.

This event did not impact any Unit 2 service water systems due to the different seismic restraint design.

The Unit 1 plant service water pump seismic restraints were inspected to verify restraint integrity on 10/31/84. The "1A" plant service water pump (P41-C001A) had 1 bolt on each side of the upper seismic restraint missing. The bolts were replaced on 10/31/84. An engineering evaluation will be performed to determine if the pump was seismically qualified and the results provided in an update report.

During a follow up inspection of the Unit 1 plant service water (P41-C001A-D) seismic restraints on 11/05/84, the restraints were found not to be installed as shown in the restraint drawings, spacer blocks were found to be installed between the outer clamps and wall brackets. The seismic restraints appear to be operable due to correct fit of pump to clamp and the bracket. The Unit 1 plant service water pumps are not considered inoperable due to the event. An engineering analysis will be performed and the results provided in an update report.

The probable cause of the outer clamp not being in place is inadequate construction/installation. The outer clamp will be replaced during pump reassembly. The remaining 3 Unit 1 RHR service water pump seismic restraints were inspected and found not to be installed as shown in the restraint drawing. This discrepancy does not prevent the restraint from performing its design function, but could allow the bolts attaching the outer clamp to the wall bracket to rub (abrade) against the bracket clamp edge and eventually break. To prevent recurrence of this event, a maintenance work order to replace the outer clamps per the design drawing has been written.

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

IDENTIFICATION OF EACH FAILED COMPONENT

MASTER PARTS LIST NUMBER.	COMPONENT	MANUFACTURER	MODEL NUMBER
RHR Service Water Pump			
1E11-C001B	SPT	Georgia Power Co.	A-11014

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



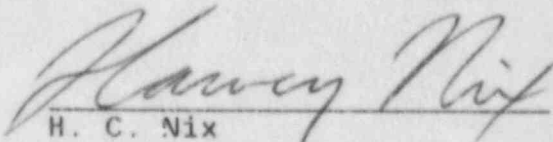
Edwin I. Hatch Nuclear Plant

November 9, 1984
GM-84-988

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. 50-321/1984-019. This report is required by 10CFR 50.73(a)(2)(i)(B).


H. C. Nix
General Manager

HCN/TLE/djs

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