

LICENSEE EVENT REPORT (LER)

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|--|--|--|--------|--|--|-----------|--|--|--|--|--|--|---------------------|--|--|-----------------|-------|--|--|---|--|--|-----------|--|--|------|--------------|--|--|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| FACILITY NAME (1) EDWIN I. HATCH, UNIT 1 | | | | | | | | | | DOCKET NUMBER (2) 0 5 0 0 0 3 2 1 | | | | | | | | | | PAGE (3) 1 OF 0 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TITLE (4) FIRE PROTECTION VALVE CYCLING PROCEDURE INADEQUACIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 E. I. HATCH, UNIT 2 | | | | | | | | | | DOCKET NUMBER(S) 0 5 0 0 0 3 6 6 | | | | | | | | | |
| 0 6 | | | 1 2 | | | 8 5 | | | | 8 5 | | | 0 2 | | | 1 0 0 | | | | | | | | | | | | | | 0 5 0 0 0 | | | | | | | | | | | | | | | | | | | |
| OPERATING MODE (9) 1 | | | | | | | | | | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POWER LEVEL (10) 1 0 0 | | | | | | | | | | 20.402(b) | | | | | | | | | | 20.406(e) | | | | | | | | | | 50.73(a)(2)(iv) | | | | | | | | | | 73.71(b) | | | | | | | | | |
| | | | | | | | | | | 20.406(a)(1)(i) | | | | | | | | | | 50.38(a)(1) | | | | | | | | | | 50.73(a)(2)(v) | | | | | | | | | | 73.71(a) | | | | | | | | | |
| | | | | | | | | | | 20.406(a)(1)(ii) | | | | | | | | | | 50.38(a)(2) | | | | | | | | | | 50.73(a)(2)(vi) | | | | | | | | | | <input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A) | | | | | | | | | |
| | | | | | | | | | | 20.406(a)(1)(iii) | | | | | | | | | | 50.73(a)(2)(i) | | | | | | | | | | 50.73(a)(2)(viii)(A) | | | | | | | | | | 50.73(a)(2)(vi) | | | | | | | | | |
| | | | | | | | | | | 20.406(a)(1)(iv) | | | | | | | | | | 50.73(a)(2)(ii) | | | | | | | | | | 50.73(a)(2)(viii)(B) | | | | | | | | | | 50.73(a)(2)(v) | | | | | | | | | |
| 20.406(a)(1)(v) | | | | | | | | | | 50.73(a)(2)(iii) | | | | | | | | | | 50.73(a)(2)(x) | | | | | | | | | | | | | | | | | | | | 50.73(a)(2)(vi) | | | | | | | | | |
| LICENSEE CONTACT FOR THIS LER (12) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NAME Steven B. Tipps, Superintendent of Regulatory Compliance | | | | | | | | | | | | | | | | | | | | TELEPHONE NUMBER 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 NPROS | | | | CAUSE | | | SYSTEM | | | COMPONENT | | | | MANUFACTURER | | | REPORTABLE TO NPROS | | | | | | | | | | | | | | | | | | | |
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| 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 06/12/85 at approximately 1125 CDT with the reactor mode switches of both Unit 1 and Unit 2 in the Run position and reactor power of both units at 2430 MWt (approximately 100%), plant personnel determined that the Unit 1 and Unit 2 "FIRE PROTECTION VALVE CYCLING" procedures (HNP-1/2-3364) could allow plant maintenance personnel to violate Unit 1 Tech. Specs. section 4.13.2.d and Unit 2 Tech. Specs. section 4.7.6.1.e.

Unit 1 and Unit 2 Tech. Specs. require that the fire suppression water systems be demonstrated operable by cycling each testable valve in their respective system once every 12 months. Unit 1 and Unit 2 procedures allow for those valves declared inaccessible during plant operation to be cycled once every 18 months. This allowance is contrary to Tech. Specs.

The Unit 1 and 2 valve cycling procedures will be revised to conform to Tech. Specs. requirements.

There were no actual or potential safety consequences as a result of these events nor were the health and safety of the public affected.

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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 | 0 5 0 0 0 3 2 1 | 8 5 | — | 0 2 | 1 | — | 0 0 | 0 2 | OF | 0 2 |

TEXT (If more space is required, use additional NRC Form 365A's) (17)

This 30 day LER is required by 10CFR50.73(a)(2)(vi) because two surveillance procedures, as written and approved, could have allowed plant personnel to violate Unit 1 Tech. Specs. section 4.13.2.d and Unit 2 Tech. Specs. section 4.7.6.1.e.

On 06/12/85 at approximately 1125 CDT with the reactor mode switches of both Unit 1 and Unit 2 in the Run position and reactor power of both units at 2430 MWt (approximately 100%), plant fire protection personnel determined that the Unit 1 and Unit 2 "FIRE PROTECTION VALVE CYCLING" procedures (HNP-1/2-3364) could allow plant maintenance personnel to violate Tech. Specs. as explained below:

a. Unit 1

1. Unit 1 Tech. Specs. section 4.13.2.d states that the fire suppression water system shall be demonstrated operable "at least once per twelve months by cycling each testable valve through one complete cycle."
2. The Unit 1 "FIRE PROTECTION VALVE CYCLING" procedure (HNP-1-3364) states that each valve on data package 1 should be cycled once per year except for those which are not accessible during the twelve month surveillance. The procedure calls for those valves which are not accessible during the twelve month surveillance to be cycled once per eighteen months. This is contrary to the Tech. Specs. requirements. Valves located in radiation areas have (in the past) been considered as inaccessible during plant operation.

b. Unit 2

1. Unit 2 Tech. Specs. section 4.7.6.1.e states that the fire suppression water system shall be demonstrated operable "at least once per 12 months by cycling each testable valve in the flowpath through at least one complete cycle of full travel."
2. The Unit 2 "FIRE PROTECTION VALVE CYCLING" procedure (HNP-2-3364) states that each valve in data package 1 should be cycled once per year, except those that are not accessible during normal plant operation. The procedure allows for those valves which are not accessible during the 12 month surveillance to be cycled once per eighteen months. This is contrary to the Tech. Specs. requirements. Valves located in radiation areas have (in the Past) been considered as inaccessible during plant operation.

At the present time, all Unit 1 and Unit 2 fire protection system valves have been satisfactorily tested within the time frame required by Tech. Specs.

The fire protection system remained functional since its valves are locked in the position required for operation. There were no actual or potential safety consequences as a result of these events. The health and safety of the public were not affected.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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| FACILITY NAME (1) EDWIN I. HATCH, UNIT I | DOCKET NUMBER (2) 0 5 0 0 0 3 2 1 8 5 | LER NUMBER (6) | | | PAGE (3) | | |
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TEXT (If more space is required, use additional NRC Form 366A's) (17)

Previous similar events in which procedures could have allowed plant personnel to violate Tech. Specs. were reported in LER 50-366/1984-030, Rev. 3. The errors in the procedures referenced in this report were not identified in those previous events.

These events were the result of personnel error. The "FIRE PROTECTION VALVE CYCLING" procedures for both Unit 1 (HNP-1-3364) and Unit 2 (HNP-2-3364) will be revised to conform to the Tech. Spec. requirements. The procedure upgrade program that Plant Hatch is presently implementing should prevent the recurrence of events of this type.

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



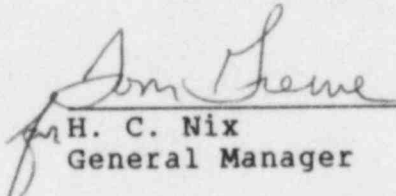
Edwin I. Hatch Nuclear Plant

July 12, 1985
LR-MGR-014-0785

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. 50-321/1985-021. This report is required by 10CFR 50.73(a)(2)(vi).


H. C. Nix
General Manager

SB1
HCN/SBT/vlz

xc: R. J. Kelly
R. E. Conway
J. T. Beckham, Jr.
P. D. Rice
K. M. Gillespie
D. R. Altman
Superintendent of Regulatory Compliance
R. D. Baker
Control Room
Document Control

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