

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1 (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 G A E I H 2 2 0 0 - 0 0 0 0 0 0 0 3 4 1 1 1 1 4 5

LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

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0 1 REPORT SOURCE L 6 0 5 0 0 0 3 6 6 7 0 4 2 3 8 3 8 0 5 1 7 8 3 9

DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 4/23/83, prior to completing design change (DCR 82-259) work on emer-

0 3 gency diesel generator set 2R43-S001C engine lubricating oil system,

0 4 personnel discovered that number 11 main bearing on the upper crank

0 5 shaft was wiped. This event is reportable per Tech. Specs. section

0 6 6.9.1.9.b. Diesel generators 1B and 2A were operable. The health and

0 7 safety of the public were not affected by this non-repetitive event.

0 8 80

0 9 SYSTEM CODE E E (11) CAUSE CODE E (12) CAUSE SUBCODE B (13) COMPONENT CODE E N G I N E (14) COMP. SUBCODE Z (15) VALVE SUBCODE Z (16)

LER/RO REPORT NUMBER (17) 8 3 EVENT YEAR (21) 8 3 SEQUENTIAL REPORT NO. (24) 0 2 0 OCCURRENCE CODE (28) 0 3 REPORT TYPE (30) L REVISION NO. (32) 0

ACTION TAKEN (33) A FUTURE ACTION (34) Z EFFECT ON PLANT (35) Z SHUTDOWN METHOD (36) Z HOURS (40) 0 0 0 0 ATTACHMENT SUBMITTED (41) Y NPRD-4 FORM SUB. (42) N PRIME COMP. SUPPLIER (43) A COMPONENT MANUFACTURER (44) F 0 1 0 (26)

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 This event was the result of a lack of lubricating oil at upper crank-

1 1 shaft main bearing number 11. A DCR (82-259) has been completed which

1 2 intends to improve the oil supply to the upper crankshaft. The diesel

1 3 generator set was satisfactorily functionally tested per the "DIESEL

1 4 GENERATOR MANUAL START" procedure and returned to service on 4/29/83.

1 5 FACILITY STATUS (28) D % POWER (29) 0 0 0 OTHER STATUS (30) NA METHOD OF DISCOVERY (31) C DISCOVERY DESCRIPTION (32) During Modification

1 6 ACTIVITY CONTENT (33) Z RELEASED OF RELEASE (34) Z AMOUNT OF ACTIVITY (35) NA LOCATION OF RELEASE (36) NA

1 7 PERSONNEL EXPOSURES (37) 0 0 0 TYPE (38) Z DESCRIPTION (39) NA

1 8 PERSONNEL INJURIES (40) 0 0 0 DESCRIPTION (41) NA

1 9 LOSS OF OR DAMAGE TO FACILITY (42) Z TYPE (43) NA DESCRIPTION (44) NA

2 0 PUBLICITY (45) N DESCRIPTION (46) NA

ISSUED (47) N

NAME OF PREPARER S. B. Tipps PHONE: (912)367-7851

NRC USE ONLY

NARRATIVE REPORT  
FOR LER 50-366.1983-020

LICENSEE : GEORGIA POWER COMPANY  
FACILITY NAME : EDWIN I. HATCH  
DOCKET NUMBER : 50-366

Tech. Specs. section(s) which requires report:

This 30-day LER is required by Unit 2 Tech. Specs. section 6.9.1.9.b.

Plant conditions at the time of the event(s):

Unit 2 was in cold shutdown for refueling when this event occurred.

Detailed description of the event(s):

On 4/23/83, prior to completing work on a design change (DCR 82-259) on the "2C" emergency diesel generator set's (2R43-S001C) engine lubricating oil system, maintenance personnel discovered that the number 11 main bearing on the upper crankshaft was wiped.

Consequences of the event(s):

This event did not affect plant operation because only one emergency diesel generator is required to be operable during cold shutdown. The health and safety of the public were not affected by this event.

Status of redundant or backup subsystems and/or systems:

Diesel generator sets "1B"(1R43-S001B) and "2A"(2R43-S002A) are the backup systems for diesel generator "2C" (2R43-S001C), and both were operable at the time of this event.

Justification for continued operation:

Unit 2 was in cold shutdown for refueling when this event occurred, and only one diesel generator is required to be operable.

If repetitive, number of previous LER:

This event is not repetitive for this mode of failure (i.e., bearing degradation discovered during work on the diesel); however, this diesel has experienced bearing failures during operation as last reported on LER 50-366/1982-079.

Impact to other systems and/or Unit:

This event had no impact on other Unit 2 systems, nor did it have an impact on any Unit 1 system.

Cause(s) of the event(s):

This event is the result of a lack of engine lubricating oil at upper crankshaft main bearing number 11.

Narrative Report for LER 50-366/1983-020  
Page Two

Immediate Corrective Action:

The wiped bearing was removed and a new bearing was installed. The diesel generator set was satisfactorily functionally tested per the "DIESEL GENERATOR MANUAL START" PROCEDURE (HNP-2-3801) and returned to service on 4/29/83.

Supplemental Corrective Action:

No supplemental corrective action is required.

Scheduled (future) corrective action:

No future corrective action is scheduled.

Action to prevent recurrence (if different from corrective actions):

A design change (DCR 82-259) has been completed which is intended to improve the lubricating oil supply to the upper crankshaft.

Georgia Power Company  
Post Office Box 439  
Baxley, Georgia 31513  
Telephone 912 367-7781  
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Edwin I. Hatch Nuclear Plant

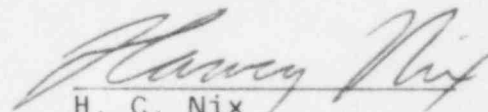
May 17, 1983  
GM-83-431

PLANT E. I. HATCH  
Licensee Event Report  
Docket No. 50-366

United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II  
Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

ATTENTION: Mr. James P. O'Reilly

Pursuant to Section 6.9.1.9.b of Hatch Unit Two Technical  
Specifications, please find attached Reportable Occurrence  
Report No. 50-366/1983-020.

  
H. C. Nix  
General Manager

*SB1*  
HCN/GBT/abb

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