NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

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

7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T

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

7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On 4-26-81, with Unit 1 shutdown and Unit 2 operating at 99% power, 1B

0 3 | diesel generator surveillance revealed that the standby service water

0 4 | system would not deliver rated flow. Plant service water could not be

0 5 | supplied to 1B DG within 8 hours due to a valve malfunction; thus, 1B

0 6 | DG was declared inoperable. Refueling operations were stopped. This is

0 7 | not a repetitive occurrence. There were no effects on public health or

0 8 | safety due to this event.

7 8 9 80

SYSTEM CODE | CAUSE CODE | CAUSE SUBCODE | COMPONENT CODE | COMP. SUBCODE | VALVE SUBCODE

0 9 | W A (11) | X (12) | Z (13) | P U M P X X (14) | B (15) | Z (16)

7 8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER | EVENT YEAR | SEQUENTIAL REPORT NO. | OCCURRENCE CODE | REPORT TYPE | REVISION NO.

8 1 | — | 0 [illegible] | / | 0 3 | L | — | 0

21 22 23 24 26 27 28 29 30 31 32

ACTION TAKEN | FUTURE ACTION | EFFECT ON PLANT | SHUTDOWN METHOD | HOURS (22) | ATTACHMENT SUBMITTED | NPRD-4 FORM SUB. | PRIME COMP. SUPPLIER | COMPONENT MANUFACTURER

X (18) | X (19) | Z (20) | Z (21) | 0 0 0 0 | Y (23) | N (24) | A (25) | J 1 0 5 (26)

33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The system's inability to deliver rated flow is under investigation at

1 1 | the present time. The valve was repaired and successfully retested and

1 2 | DG 1B was made operable on plant service water. The system will be ret-

1 3 | urned to an operable status prior to Unit 1 startup. An update report

1 4 | will be submitted.

7 8 9 80

FACILITY STATUS | % POWER | OTHER STATUS (30) | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION (32)

1 5 | H (28) | 0 0 0 (29) | NA | B (31) | Performed Surveillance Test

7 8 9 10 12 13 44 45 46 80

ACTIVITY RELEASED | CONTENT OF RELEASE | AMOUNT OF ACTIVITY (35) | LOCATION OF RELEASE (36)

1 6 | Z (33) | Z (34) | NA | NA

7 8 9 10 11 44 45 80

PERSONNEL EXPOSURES: NUMBER | TYPE | DESCRIPTION (39)

1 7 | 0 0 0 (37) | Z (38) | NA

7 8 9 11 12 13 80

PERSONNEL INJURIES: NUMBER | DESCRIPTION (41)

1 8 | 0 0 0 (40) | NA

7 8 9 11 12 80

LOSS OF OR DAMAGE TO FACILITY: TYPE | DESCRIPTION (43)

1 9 | Z (42) | NA

7 8 9 10 80

PUBLICITY: ISSUED | DESCRIPTION (45) | NRC USE ONLY

2 0 | N (44) | NA

7 8 9 10 68 69 80

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NAME OF PREPARER C. L. Coggin, Supt. Plt. Eng. Serv. PHONE 912-367-7851

GPO 917-928

LER #: 50-321/1981-035
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1981-035

On 4-26-81, with Unit 1 shutdown for a refueling/torus modification outage and Unit 2 operating at 99% power while performing surveillance test HNP-2-3801 "Diesel Generator Manual Start" on 1B diesel generator, it was determined that standby service water system would not deliver rated flow. Diesel generator 1B was declared inoperable 8 hours later when plant service water could not be lined up to the diesel generator while performing HNP-1-3181 section G, "Plant Service Water Pump Auto Function Operability", due to a valve (1P41-F402A) malfunction. Valve 1P41-F402A connects the standby service water system to Unit 1 division 1 service water. Unit 2 performed Tech Specs 4.8.1.1.1.a and 4.8.1.1.2.a.4 within 1 hour since 3 DGs were not operable as required by Tech Specs 3.8.1.1.b. Unit 1 already had 1C DG inoperable; thus, refueling operations were stopped when DG 1B was declared inoperable. Unit 1 Tech Specs 3.9.1 required 2 DGs operable during refueling. This is not a repetitive occurrence. There were no effects on public health or safety due to this event. Further investigation revealed stripped gears in valve 1P41-F402A. The valve was repaired. HNP-1-3181 section G performed successfully and DG 1B declared operable.

Investigation is underway to find reason for inadequate flow in standby service water system. The standby service water system will be made operable prior to Unit 1 startup following the outage. An update report will be submitted.