

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

0 1 7 8

REPORT SOURCE

60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

DOCKET NUMBER

EVENT DATE

REPORT DATE

02 | On 4/18/83, during performance of the In-Service Inspection (ISI)

03 Ultrasonic examination as per IEB 83-02, personnel noted cracklike

indications on the recirculation system's (2B31) endcap-to-manifold

05 weld heat affected zone of weld 2B31.22BM-4. This event is contrary to

06 | Tech. Specs. section 3.4.8. ACTION a. The health and safety of the

07 public were not affected by this non-repetitive event.

18

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

(17) LER/RO REPORT NUMBER EVENT YEAR
83 —
21 22 23

SEQUENTIAL REPORT NO. 023 /
24 25 26 27

OCCURRENCE CODE 01
28 29

REPORT TYPE T —
30 31

REVISION NO. 0
32

| ACTION TAKEN | | FUTURE ACTION | | EFFECT ON PLANT | | SHUTDOWN METHOD | | HOURS | | | | 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 | N | 25 | G | 0 | 8 | 0 | 26 |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 |

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of this event has not been determined; however, Inter-Granular

Stress Corrosion (IGSC) is being considered as the most probable cause.

A follow up report will be submitted upon completion of repair.

Figure 1

7 8 9

| FACILITY STATUS | | % POWER | OTHER STATUS | (30) | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION | (32) |
|-----------------|---|---------|--------------|-------|---------------------|-----------------------|-----------------------|
| 1 | 5 | H | (28) | 0 0 0 | (29) | NA | |
| | | | | | B | (31) | In-Service Inspection |

| ACTIVITY CONTENT | | RELEASED OF RELEASE | | AMOUNT OF ACTIVITY | LOCATION OF RELEASE |
|------------------|---|---------------------|---|--------------------|---------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 2 | 3 | 4 | 5 | 6 |

[illegible]

| PERSONNEL INJURIES | |
|--------------------|-------------|
| NUMBER | DESCRIPTION |
| 41 | |

| LOSS OF OR DAMAGE TO FACILITY | | (43) |
|-------------------------------|-------------|------|
| TYPE | DESCRIPTION | |
| 12 | 1 | MA |

8 9 10
PUBLCITY
ISSUED DESCRIPTION (45)
S 8305110417 830428
PDR AD0CK 05000366
S PDR
NRC USE ONLY

7 8 9 10 68 69 80

NAME OF PREPARER S. B. Tipps

PHONE: (912) 367-7851

NARRATIVE REPORT
FOR LER 50-366/1983-023

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

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

This LER is required by Tech. Specs. section 6.9.1.8.c.

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

This event was discovered on 4/18/83, with the Unit in cold shutdown for refueling.

Detailed description of the event(s):

On 4/18/83, while performing the In-Service Inspection (ISI) ultrasonic examination of the recirculation system's welds as required by IEB 83-02, personnel noted crack-like indications in the endcap-to-manifold weld heat affected zone of weld 2B31-22BM-4.

Consequences of the event(s):

A LCO was initiated as per the requirements of Tech. Specs. section 3.4.8, ACTION a. The health and safety of the public were not affected.

Status of redundant or backup subsystems and/or systems:

The recirculation system does not have a redundant/backup system.

Justification for continued operation:

The plant is presently in cold shutdown for refueling operations and will not return to power operation until the inspection, evaluation and repair (if necessary) of all affected welds are completed.

If repetitive, number of previous LER:

This event is non-repetitive.

Impact to other systems and/or Unit:

This condition does not directly affect any other Unit 2 system; this event does not directly affect the operability status of Unit 1. However, ISI examinations were conducted on Unit 1 as per IEB 82-03 during the 1982-1983 refueling outage and all weld discrepancies were evaluated and repairs were made as necessary (Refer to LER 50-321/1982-089, Rev. 2).

Narrative Report for LER 50-366/1983-023

Page Two.

Cause(s) of the event(s):

The evaluation of the subject is not complete. However, Inter-Granular Stress Corrosion (IGSC) has been considered as the cause of the crack indications.

A follow up report will be submitted upon completion of the repair.

Immediate Corrective Action:

No corrective action has been made. The cause and corrective action is presently being evaluated.

Supplemental Corrective Action:

No corrective action has been made. The cause and corrective action is presently being evaluated.

Scheduled (future) corrective action:

Upon completion of the evaluation, the necessary repairs will be made and the system's component structure will be functionally tested satisfactorily. A final stress analysis and fracture mechanics report will be issued upon completion of the repair and before the plant returns to power operation.

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

The future corrective action should be sufficient to prevent recurrence of this event.