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|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|--------------------------|--|--|--|--|--|--|--|--|--|---------------------------|--|--|--|--|--|--|--|--|--|-----------------------|--|--|--|--|--|--|--|--|--|---------------------------|--|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|
| CONTROL BLOCK: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 |  |  |  |  |  |  |  |  |  | (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)  |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
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| CON'T  |  |  |  |  |  |  |  |  |  | REPORT SOURCE L 6 0 5 0 0 0 3 2 1 7 0 3 3 1 8 3 8 0 4 2 6 8 3 9  |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10   |  |  |  |  |  |  |  |  |  | While performing the "RHR SERVICE WATER PUMP OPERABILITY AND RATED FLOW" procedure (HNP-1-3167), the "B" service water pump was found not reaching the required pressure specified in T.S. section 4.5.C.1.b (i.e., system head $\geq$ 847 feet). Thus, "B" loop was declared inoperable. The redundant "A" loop was then proven operable as per T.S. 4.5.C.3 and plant operation continued under a 7-day LCO as per T.S. 3.5.C.3. The health and safety of the public were not affected by this non-repetitive event. |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| SYSTEM CODE C F 11   |  |  |  |  |  |  |  |  |  | CAUSE CODE E 12  |  |  |  |  |  |  |  |  |  | CAUSE SUBCODE B 13             |  |  |  |  |  |  |  |  |  | COMPONENT CODE V A L V E X 14 |  |  |  |  |  |  |  |  |  | COMP. SUBCODE X 15       |  |  |  |  |  |  |  |  |  | VALVE SUBCODE L 16        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| LER/RO REPORT NUMBER 17  |  |  |  |  |  |  |  |  |  | EVENT YEAR 8 3 21  |  |  |  |  |  |  |  |  |  | SEQUENTIAL REPORT NO. 0 4 3 24 |  |  |  |  |  |  |  |  |  | OCCURRENCE CODE 0 3 27        |  |  |  |  |  |  |  |  |  | REPORT TYPE L 30         |  |  |  |  |  |  |  |  |  | REVISION NO. 0 32         |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| ACTION TAKEN A 18  |  |  |  |  |  |  |  |  |  | FUTURE ACTION 2 19   |  |  |  |  |  |  |  |  |  | EFFECT ON PLANT Z 20           |  |  |  |  |  |  |  |  |  | SHUTDOWN METHOD Z 21          |  |  |  |  |  |  |  |  |  | HOURS 0 0 0 0 22         |  |  |  |  |  |  |  |  |  | ATTACHMENT SUBMITTED Y 23 |  |  |  |  |  |  |  |  |  | NPRD-4 FORM SUB. N 24 |  |  |  |  |  |  |  |  |  | PRIME COMP. SUPPLIER Z 25 |  |  |  |  |  |  |  |  |  | COMPONENT MANUFACTURER C 6 9 2 26 |  |  |  |  |  |  |  |  |  |
| CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27  |  |  |  |  |  |  |  |  |  | The cause of this event was attributed to the air release valve for the "B" loop of RHRSW failing to seat off due to a failed rubber seat, float and float cage. The rubber seat and float were replaced and the float cage was realigned. The pump was then functionally tested satisfactorily as per the HNP-1-3167 procedure and returned to service on 3/31/83.  |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| FACILITY STATUS E 28   |  |  |  |  |  |  |  |  |  | % POWER 0 8 3 29   |  |  |  |  |  |  |  |  |  | OTHER STATUS NA 30             |  |  |  |  |  |  |  |  |  | METHOD OF DISCOVERY B 31      |  |  |  |  |  |  |  |  |  | DISCOVERY DESCRIPTION 32 |  |  |  |  |  |  |  |  |  | Surveillance Testing      |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| ACTIVITY CONTENT RELEASED OF RELEASE Z 33  |  |  |  |  |  |  |  |  |  | Z 34   |  |  |  |  |  |  |  |  |  | AMOUNT OF ACTIVITY NA 35       |  |  |  |  |  |  |  |  |  | LOCATION OF RELEASE NA 36     |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| PERSONNEL EXPOSURES NUMBER 0 0 0 37  |  |  |  |  |  |  |  |  |  | TYPE Z 38  |  |  |  |  |  |  |  |  |  | DESCRIPTION NA 39              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| PERSONNEL INJURIES NUMBER 0 0 0 40   |  |  |  |  |  |  |  |  |  | DESCRIPTION NA 41  |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| LOSS OF OR DAMAGE TO FACILITY TYPE Z 42  |  |  |  |  |  |  |  |  |  | DESCRIPTION NA 43  |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
| PUBLICITY ISSUED N 44  |  |  |  |  |  |  |  |  |  | DESCRIPTION NA 45  |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |
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| NAME OF PREPARER S. B. Tipps   |  |  |  |  |  |  |  |  |  | PHONE (912)367-7851  |  |  |  |  |  |  |  |  |  |                                |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |                           |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |  |  |  |  |  |

NARRATIVE REPORT  
FOR LER 50-321/1983-043

LICENSEE : GEORGIA POWER COMPANY  
FACILITY NAME : EDWIN I. HATCH  
DOCKET NUMBER : 50-321

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

This 30-day LER is required by Tech. Specs. section 6.9.1.9.b due to the event's showing that the unit was not meeting the requirements of Tech. Specs. section 4.5.C.1.b.

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

This event occurred on 3/31/83, with the mode switch in the run position and reactor power at 2010 MWt (approximately 83% power).

Detailed description of the event(s):

On 3/31/83, the "B" RHR Service Water (RHRSW) pump, 1E11-C0018, was being tested as per the "RHR SERVICE WATER PUMP OPERABILITY AND RATED FLOW" procedure (HNP-1-3167). It was then noted that the "B" RHRSW pump was not meeting the requirements of Tech. Specs. section 4.5.C.1.b (i.e.,  $\geq$  4000 GPM at a system head of  $\geq$  847 feet). For the river level existing on 3/31/83, this was equivalent to at least 4000 GPM at a pump discharge pressure of at least 350 PSIG. The results of the test of pump 1E11-C0018 were 4025 GPM at 340 PSIG.

Consequences of the event(s):

Plant operation continued under a 7-day LCO as per Tech. Specs. section 3.5.C.3. The 7-day LCO had started on 3/30/83, when the "B" loop was taken out of service so that maintenance could be performed on the thermal relief valve gasket. The health and safety of the public were not affected by this event.

Status of redundant or backup subsystems and/or systems:

The redundant subsystem was proven operable as per Tech. Specs. section 4.5.C.3.

Justification for continued operation:

The "A" loop of RHRSW remained operable, and plant operation continued under the LCO permitted by Tech. Specs. section 3.5.C.3.

If repetitive, number of previous LER:

This event is non-repetitive.

Impact to other systems and/or Unit:

This event had no effect on any other Unit 1 system; this event had no effect on Unit 2.

Cause(s) of the event(s):

An investigation by plant personnel revealed that the failure of the pump to reach the required pressure was due to the air release valve (E11-F904A) for the "B" loop of R#2SW failing to seat off. This valve failure was due to a failed rubber seat, float and float cage.

Immediate Corrective Action:

The valve's rubber seat and float were replaced, and the valve's float cage was realigned. The pump was then functionally tested satisfactorily as per the HNP-1-3167 procedure. The end test results were 4025 GPM at a pump discharge of 351 PSIG.

Supplemental Corrective Action:

The immediate corrective action was sufficient and nothing more is required.

Scheduled (future) corrective action:

All corrective action was made prior to returning the system to operable status, and no future corrective action is required.

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

The immediate corrective action taken should be sufficient to preclude recurrence.