



NARRATIVE REPORT  
FOR LER 50-321/1983-035, Rev. 1

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

REQUIREMENT FOR REPORT:

This 30-day LER was formerly required by Tech. Specs. section 6.9.1.9.b due to the event showing that Unit 1 was not meeting the requirements of Tech. Specs. section 3.9.c and Unit 2 was not meeting the requirements of Tech. Specs. section 3.8.1.1.1.b.

PLANT CONDITIONS AT THE TIME OF THE EVENT(S):

On 4/26/81, Unit 1 was in a refueling/torus modification outage and Unit 2 was in steady-state operation at approximately 2411 MWT (i.e., approximately 99% power).

DETAILED DESCRIPTION OF THE EVENT(S):

During performance of "DIESEL GENERATOR MANUAL START" procedure (HNP-2-3801) on 1B diesel generator, plant personnel determined that the standby service water system would not deliver rated flow. The 1B Diesel Generator was declared inoperable when plant service water could not be lined up to the diesel generator during performance of "PLANT SERVICE WATER PUMP AUTO FUNCTION OPERABILITY" procedure (HNP-1-3181).

SUMMARY ASSESSMENT OF ACTUAL AND POTENTIAL SAFETY CONSEQUENCES AND IMPLICATIONS:

Unit 1 already had 1C Diesel Generator inoperable; thus, all refueling operations were stopped as required by Unit 1 Tech. Specs. section 3.9.C.2.

Unit 2 was placed into a 72 hour LCO. The requirements of Unit 2 Tech. Specs. 4.8.1.1.1.a and 4.8.1.1.2.a.4 were performed within one hour in order to comply with Tech. Specs. section 3.8.1.1., ACTION a. The health and safety of the public were not affected by this event.

STATUS OF REDUNDANT OR BACKUP SUBSYSTEMS AND/OR SYSTEMS:

The 1A Diesel Generator and all independent A.C. electrical systems were operable at the time of this event on Unit 1. The remaining 2 Diesel Generators and all independent A. C. electrical systems on Unit 2 were operable throughout this event.

JUSTIFICATION FOR CONTINUED OPERATION:

N/A

IF REPETITIVE:

This is a non-repetitive event.

WHY CORRECTIVE ACTION DID NOT PREVENT RECURRENCE:

N/A

IMPACT TO OTHER SYSTEMS AND/OR UNIT:

This event had no impact on any other systems not listed in this report.

CAUSE(S) OF THE EVENTS(S):

The cause of the inability to line up plant service water to 1B Diesel Generator was due to the standby service water to Unit 1 division 1 service water isolation valve (1P41-F402A) not opening.

The investigation revealed the standby service water system did deliver rated flow to the 1B diesel generator. However, the instrumentation in use to measure flow did not indicate pump flow accurately at the discharge of the heat exchanger.

IMMEDIATE CORRECTIVE ACTION(S):

Investigation revealed stripped gears inside the 1P41-F402A actuator. The actuator on 1P41-F402A was repaired and the valve was returned to service.

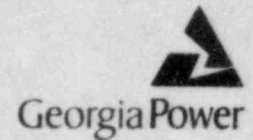
SUPPLEMENTAL CORRECTIVE ACTION(S):

Flow measurement instrumentation was installed just down stream of the standby plant service water pump prior to entering the 1B diesel generator heat exchanger and the orifice plate size was changed on the flow instrumentation on the 1B diesel generator heat exchanger exit. These modifications were made by Design Change Request 81-145. Applicable plant procedures were revised to make necessary changes to insure proper operation of the standby service water system.

ACTION(S) TO PREVENT RECURRENCE (IF DIFFERENT FROM CORRECTIVE ACTIONS):

N/A

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Baxley, Georgia 31513  
Telephone: 912 367-7781  
912 537-9444



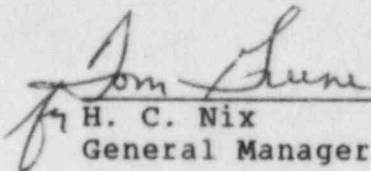
Edwin I. Hatch Nuclear Plant

October 25, 1984  
GM-84-906

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. 50-321/1981-035, Rev. 1. This report was formerly required by Hatch Unit 1 Technical Specification section 6.9.1.9.b.

  
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General Manager

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