

LER #: 50-321/1980-127

Licensee: Georgia Power Company

Facility Name: Edwin I. Hatch

Docket #: 50-321

Narrative Report
for LER 50-321/1980-127

While E. I. Hatch Unit 1 was in steady state operation at 1909 MWb research for and preparation of the Unit 1 five-year inservice inspection report required by Tech Specs 4.5.8 (Table 4.6-1) revealed a deficiency in the visual examination of Class 1 valves (greater than 3") internals. The valves fall under ASME category M-2 examination requirements as noted in Table 4.6-1 of Tech Specs. During the first five-year inspection period 50% of the valves (internals) must be visually examined if the valve is disassembled for maintenance or other purposes. There are approximately fifty-six (56) class 1 valves (greater than 3"), and a review of mainenance request work descriptions indicates that possibly two (2) valves may have been disassembled during the first five years of commercial operation. Visual inspection of only one (1) valve was indicated during the review of work descriptions. Good work practice would dictate that internals, etc. should be examined if the valve is disassembled; in this case, however, there apparently is no hard documentation showing that such an inspection has been conducted. The cause of this event can be attributed to procedural deficiencies.

Upon discovery the Hatch Plant management was notified of the possible deficiency. Discussions were conducted with Plant Hatch quality control and maintenance department supervisors and long-term corrective actions discussed. Maintenance procedures for Unit 1, including data sheets, shall be revised to more strongly emphasize the requirements of visual inspection of valve internals. Maintenance personnel would notify quality control (QC) personnel upon disassembly of a class 1 valve (greater than 3"), and a visual examination would be performed by QC personnel and documented on Figure 2, "QC Inspection and Work Report" of 50-321, "Quality Control Work Inspection". A copy of that data sheet would be forwarded to the surveillance engineer for his records. Procedures, data sheets, etc. shall be revised thusly for Unit 1. All parties concurred with this corrective action. Equivalent maintenance procedures for Unit 2 are to be reviewed for similar deficiencies. An updated report will be submitted.

The normal operation of the plant was not affected by this event. The health and safety of the public were not affected by this event.

In conclusion, it should be pointed out that the existing Tech Specs requirements should be considered as obsolete, as they are required for an inservice inspection plan conforming to the 1971 edition of ASME section XI. Existing inservice inspection plans conform to the 1974 edition of section XI due to upgrading requirements imposed by 10CFR50.55a. Tech Specs and inservice inspection plan changes have been submitted to the NRC, circa February 1979 and are still pending review and approval.