



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 85 TO FACILITY OPERATING LICENSE NO. DPR-57

GEORGIA POWER COMPANY

OGLETHORPE POWER CORPORATION

MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA

CITY OF DALTON, GEORGIA

EDWIN I. HATCH NUCLEAR PLANT, UNIT NO. 1

DOCKET NO. 50-321

Introduction

By letter dated May 4, 1981, Georgia Power Company (licensee) requested changes to the Technical Specifications (TSs) appended to Facility Operating License No. DPR-57 for the Edwin I. Hatch Nuclear Plant, Unit No. 1. The changes involve adding two valves and two flanges to the list of containment isolation valves and deleting surveillance requirements for the Safety Relief Valve tail pipe pressure switches.

The licensee, in the May 4 letter, proposed as an alternate to deletion of the Safety Relief Valve tail pipe pressure switch surveillance program, should it not be acceptable, that we should evaluate a change in setpoint for these switches. After discussions between our staffs, we mutually agreed that NRC should evaluate the setpoint change. This is the evaluation we have prepared, as given below, of the second proposed change.

Evaluation

The licensee, during the current refueling outage of Hatch Unit 1, is adding a Torus Drainage and Purification System. A component of the system penetrates the torus shell, a part of the containment boundary, thus requiring redundant isolation capability per 10 CFR 50, Appendix A, General Design Criterion (GDC) 56. We have reviewed the licensee's submittal and the proposed TS change and conclude the added valves and flanges comply with GDC 56 and are thus acceptable.

The second proposed change results as a consequence of upgrading the pressure switches in the tail pipes on the discharge side of the Pressure Relief Valves. The new switches are being installed during the current outage and are designed per the environmental qualification requirements of electrical equipment of IE Bulletin 3-01B, the NRC Criterion for such components. The previous switches were not qualified. The new

8106030063

switches have a pressure setpoint of 30 + 5 psig and require a TS change as the old switches had a setpoint different from the new switches. We conclude that the change in setpoint is acceptable as it permits use of switches qualified for the intended service.

Environmental Considerations

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: May 26, 1981