



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 97 TO FACILITY LICENSE NO. DPR-62

CAROLINA POWER & LIGHT COMPANY

BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2

DOCKET NO. 50-324

1.0 Introduction

By letter dated January 26, 1983, the Carolina Power & Light Company (the licensee) submitted proposed changes to the Technical Specifications appended to Facility Operating License No. DPR-62 for the Brunswick Steam Electric Plant (BSEP), Unit 2. The proposed changes modify the Technical Specifications to apply to new analog (continuous measuring) instrumentation that was installed in Unit 1 as indicated in Amendment No. 60 dated December 12, 1983 and was installed in Unit 2 during the current shutdown. The analog instrumentation replaces certain pressure switches and will provide improved performance of trip functions for reactor protection system actuation, containment isolation, reactor core isolation cooling system isolation and emergency core cooling system actuation. In addition, miscellaneous typographical errors are corrected.

2.0 Evaluation

On November 19, 1979 the licensee submitted a request for Technical Specification changes to replace certain digital instrumentation with analog equipment. In response, the staff issued License Amendment Nos. 26 and 50 on March 14, 1980. The Safety Evaluation (SE) attached to those amendments found the proposed modifications to be technically acceptable and established a procedure whereby the licensee would periodically submit Technical Specifications changes to revise instrument designations with surveillance requirements for those systems that had been modified. The licensee now proposes certain instrument Technical Specification changes based on the previously issued SE. The technical acceptability of the instrument replacement has been previously reviewed and approved in that SE. That SE is hereby incorporated by reference. Furthermore, since the licensee is following the previously established periodic instrument change procedure, including change surveillance requirements, and the instrument designation changes do not involve substantive changes of the type usually associated with NRC approved changes, we find the proposed changes to be acceptable.

3.0 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

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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.

4.0 Conclusions

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: M. Grotenhuis

Dated: May 22, 1984 .