



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 51 TO FACILITY LICENSE NO. DPR-71 AND
AMENDMENT NO. 76 TO FACILITY LICENSE NO. DPR-62
CAROLINA POWER & LIGHT COMPANY
BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
DOCKET NOS. 50-325 AND 50-324

1.0 Introduction

By letter dated September 29, 1982, the Carolina Power & Light Company (licensee) proposed changes to Facility Operating License Nos. DPR-71 and DPR-62 for the Brunswick Steam Electric Plant Unit Nos. 1 and 2 (BSEP). The proposed changes revise the scram discharge volume (SDV) vent and drain valve surveillance requirements to reflect an 18-month periodicity in lieu of the 120-day periodicity required by present BSEP technical specifications.

By letter dated August 25, 1982, the licensee proposed changes to Facility Operating License Nos. DPR-71 and DPR-62 to reflect the new name of the co-owner formerly known as North Carolina Municipal Power Agency No. 3.

2.0 Scram Discharge Volume Vent and Drain Valves

2.1 Background

By letter dated July 7, 1980 we requested all operating BWR licensees to propose technical specification changes to provide, among other things, surveillance requirements for SDV vent and drain valves. Model technical specifications were enclosed with that letter to provide guidance to licensees. By letters dated November 13, 1980 and November 17, 1981 the licensee responded with proposed technical specifications. We reviewed, approved and subsequently issued these technical specifications in Amendment Nos. 48 and 72, dated August 5, 1982. Upon implementation, however, the licensee realized that the technical specifications contained an improper reference such that surveillance testing would be required essentially every 120 days in lieu of the 18-month periodicity cited in the model technical specifications and which we consider sufficient. Thus, the licensee now proposes to revise the technical specifications to permit an 18-month surveillance periodicity.

2.2 Evaluation

As evidenced by present Boiling Water Reactor Standard Technical Specifications and by the model technical specifications enclosed with our July 7, 1980 letter, we consider an 18-month periodicity to be sufficient to verify operability of the SDV vent and drain valves. Thus we consider the proposed changes to be acceptable.

3.0 North Carolina Municipal Power Agency Number 3 Name Change

3.1 Background and Evaluation

On December 16, 1981, the Board of Commissioners of the North Carolina Municipal Power Agency Number 3, co-owner of the Brunswick facility, acted to change its name to North Carolina Eastern Municipal Power Agency. The licensee now proposes to change the licenses to reflect this name change. Since the proposed change involves only a name change and not a change in ownership, we find it to be acceptable.

4.0 Environmental Considerations

We have determined that the amendments do 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 amendments involve 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 these amendments.

5.0 Conclusions

We have concluded, based on the considerations discussed above, that: (1) because the amendments do not involve a significant increase in the probability or consequences of an accident previously evaluated, do not create the possibility of an accident of a type different from any evaluated previously, and do not involve a significant reduction in a margin of safety, the amendments do 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 the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: November 12, 1982

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