



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 16 TO FACILITY LICENSE NO. DPR-51

ARKANSAS POWER & LIGHT COMPANY

ARKANSAS NUCLEAR ONE - UNIT NO. 1

DOCKET NO. 50-313

INTRODUCTION

By letter dated September 30, 1976, Arkansas Power & Light Company (AP&L) requested changes to the Technical Specifications appended to Facility License No. DPR-51 for the Arkansas Nuclear One - Unit No. 1 (ANO-1) facility. The proposed changes consist of revisions to the Administrative Controls, Sections 6.1 to 6.11. The licensee's September 30, 1976 request supersedes their previous request dated December 10, 1975 (except as it related to Reporting Requirements - Section 6.12). The Reporting Requirements were revised in Amendment No. 9 (issued January 23, 1976) to the license.

DISCUSSION

By letter dated October 15, 1974, the Commission requested that AP&L revise the Administrative Controls section of the ANO-1 Technical Specifications "to be consistent with the form and content" of the corresponding section of the NRC's Standard Technical Specifications enclosed in the letter. The proposed changes are administrative in nature and are intended to provide uniform license requirements. Areas covered by the proposed specifications include plant staff and management organization, qualifications, training, and responsibilities, actions to be taken in the event of a reportable occurrence or safety limit violation, plant procedures, record retention, and plant radiation and respiratory protection programs.

EVALUATION

The significant specification changes proposed by AP&L include:

1. Update of the qualifications on the Health Physics Supervisor to meet the requirements of Regulatory Guide 1.8, September 1975. (Specification 6.3.1)

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2. Update of the minimum shift crew composition (Table 6.2-1) to meet present NRC requirements.
3. Revision of Figures 6.2-1 (Management Organization Chart) and 6.2-2 A and B (Functional Organization for Plant Operation) to reflect current management and staff organizations.
4. Delineation of the audit responsibilities of the Safety Review Committee (Specification 6.5.2.8).
5. Changes to the Respiratory Protection Program to update the specifications (6.11) to present NRC requirements.
6. Revision of all Section 6 specifications to be consistent with the format and content of the NRC Standard Technical Specifications.

During our review of the proposed changes, we determined that certain modifications to the proposed specifications were necessary to conform with NRC requirements. These changes were discussed with and accepted by the licensee's staff and have been incorporated into the amendment. These modifications include:

1. A requirement for all applicable procedures recommended in Appendix A of Regulatory Guide 1.33, November, 1972, and
2. elimination of the Superintendent of Power Plant's authority to make temporary changes to procedures which changes the intent of the procedures without being reviewed by the Plant Safety Committee.

We have reviewed the proposed specifications, as modified, and concluded that: (1) the facility staff qualifications and training program conform with Regulatory Guide 1.8, (2) the administrative procedures and facility review and audit are consistent with Regulatory Guide 1.33, and (3) the administrative controls are consistent with the requirements being incorporated in Technical Specifications for new licensed facilities. On this basis the proposed technical specifications, as modified are acceptable.

ENVIRONMENTAL CONSIDERATION

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.

Date: December 7, 1976