

August 17, 1988

Docket No. 50-313

Mr. T. Gene Campbell  
Vice President, Nuclear  
Operations  
Arkansas Power and Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

Dear Mr. Campbell:

SUBJECT: ISSUANCE OF AMENDMENT NO. 111 TO FACILITY OPERATING LICENSE  
NO. DPR-51 - ARKANSAS NUCLEAR ONE, UNIT NO. 1 (TAC NO. 12374)

The Commission has issued the enclosed Amendment No. 111 to Facility Operating License No. DPR-51 for the Arkansas Nuclear One, Unit No. 1 (ANO-1). This amendment consists of changes to the Technical Specifications (TSs) in response to your application dated March 20, 1985.

The amendment deletes the Appendix B TSs in their entirety except for Section 3.5 concerning land management. The deleted sections concern radiological environmental monitoring and the administrative controls associated with radioactive effluent. Section 3.5 will be addressed in a separate amendment.

Your basis for deleting all the radiological parts of the Appendix B TSs is that the Commission issued major revisions to the requirements for Radiological Effluent Technical Specifications (RETS) pursuant to 10 CFR Part 50, Appendix I. The revised RETS were incorporated into the ANO-1 Appendix A TSs in Amendment No. 88. We concur with your above stated basis, thus, your proposed change is acceptable.

A copy of our related Safety Evaluation is enclosed. Notice of Issuance will be included in the Commission's next Bi-weekly Federal Register notice.

Sincerely,

/s/

C. Craig Harbuck, Project Manager  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

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PDR ADOCK 05000313  
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Enclosures:

- 1. Amendment No. 111 to DPR-51
- 2. Safety Evaluation

cc w/enclosures:

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1/1

\*See previous concurrences:

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08/04/88	08/04/88	08/08/88	08/17/88

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/s/

C. Craig Harbuck, Project Manager  
Project Directorate - IV  
Division of Reactor Projects - III,  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

August 17, 1988

Docket No. 50-313

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A copy of our related Safety Evaluation is enclosed. Notice of Issuance will be included in the Commission's next Bi-weekly Federal Register notice.

Sincerely,

A handwritten signature in cursive script that reads "C. Harbuck".

C. Craig Harbuck, Project Manager  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 111 to DPR-51
2. Safety Evaluation

cc w/enclosures:  
See next page

Mr. T. Gene Campbell  
Arkansas Power & Light Company

Arkansas Nuclear One, Unit 1

cc:

Mr. Dan R. Howard, Manager  
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U.S. Nuclear Regulatory Commission  
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Mr. Frank Wilson, Director  
Division of Environmental Health  
Protection  
Department of Health  
Arkansas Department of Health  
4815 West Markham Street  
Little Rock, Arkansas 72201

Honorable William Abernathy  
County Judge of Pope County  
Pope County Courthouse  
Russellville, Arkansas 72801



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

ARKANSAS POWER AND LIGHT COMPANY

DOCKET NO. 50-313

ARKANSAS NUCLEAR ONE, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 111  
License No. DPR-51

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Arkansas Power and Light Company (the licensee) dated March 20, 1985, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this license amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and Paragraph 2.C.(2) of Facility Operating License No. DPR-51 is hereby amended to read as follows:

2. Technical Specifications

- The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 111, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. The license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Jose A. Calvo, Director  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: August 17, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 111

FACILITY OPERATING LICENSE NO. DPR-51

DOCKET NO. 50-313

Revise the following pages of the Appendix "B" Technical Specifications with the attached pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

REMOVE PAGES

i through v  
1-1  
2-1  
2-9 through 2-20  
3-1  
4-1  
4-13 through 4-29  
5-1 through 5-9  
6-1  
6-3 through 6-4

INSERT PAGES

i  
  
3-1

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### 3.5 Special Requirements

Transmission line rights-of-way have low growing species of cedar, sumac, oak and shrubs as a screen and to assist with erosion control. Planting of grass and clover shall be carried out to further prevent erosion. Further plantings of game food and cover shall be made in cooperation with landowners and the Arkansas Game and Fish Commission. No herbicides shall be used for land management on transmission line rights-of-way.

The grounds in the immediate vicinity of the plant building shall be landscaped. Remaining portions of the plant site shall be allowed to remain in their present wild state with the exception of the area on which the visitors center will be located. This area is located approximately 0.7 mile northeast of the Reactor Building on a hill overlooking the plant.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NO. 111 TO

FACILITY OPERATING LICENSE NO. DPR-51

ARKANSAS POWER AND LIGHT COMPANY

ARKANSAS NUCLEAR ONE, UNIT NO. 1

DOCKET NO. 50-313

1.0 INTRODUCTION

By letter dated March 20, 1985, Arkansas Power and Light Company (AP&L or the licensee) requested an amendment to the Technical Specifications (TSs) appended to Facility Operating License No. DPR-51 for Arkansas Nuclear One, Unit 1 (ANO-1). The proposed amendment would delete all the remaining sections of Appendix B, "Environmental Technical Specifications", from the ANO-1 Facility Operating License, except for Section 3.5 concerning land management.

As originally issued, the Appendix B TSs for ANO-1 contained various environmental specifications related to radiological effluents and water quality. Subsequently, NRC approved the deletion of all non-radiological portions of Appendix B related to water quality in Amendment No. 72 dated March 11, 1983. Further, on December 16, 1984, NRC later issued major revisions to the requirements for Radiological Effluent Technical Specifications (RETS) pursuant to 10 CFR Part 50, Appendix I. The revised RETS were incorporated into the ANO-1 Appendix A TSs in Amendment No. 88. In Amendment No. 88, the Appendix B TSs were not deleted. In the March 20, 1985, letter, AP&L requested the deletion of Appendix B in its entirety. The following evaluation addresses the justification for the proposed deletion of the remaining sections of Appendix B, except for Section 3.5 which will be addressed separately.

2.0 EVALUATION

The staff has reviewed the proposed deletion of the remaining portions of Sections 1.0, 2.0, 4.0, and 5.0 of the ANO-1 Appendix B Technical Specifications. (Section 3.5 was excluded from this review because it concerned land management and involved different considerations; thus the proposal evaluated here does not address that section.) These portions address two areas. These two areas are radioactive discharges from the plant and the radiological environmental monitoring program to monitor the effects of such discharges on the environment. These two areas are also the areas discussed in the RETS, which are now included in Appendix A in accordance with Amendment No. 88. Since RETS have been approved by the NRC, corresponding Sections 2.0 and 4.0 of Appendix B can be deleted.

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The other two sections of Appendix B, Sections 1.0 and 5.0, contain a supporting structure of definitions and administrative controls respectively. They can also be deleted from Appendix B, since the operative portions of Appendix B are superseded by RETS. Therefore, there will be no adverse effect on the environment as a result of the proposed deletions from the ANO-1 Appendix B TSs.

On the basis of the staff's review and the previously approved amendments, the proposed deletions from the Appendix B TSs is acceptable.

### 3.0 ENVIRONMENTAL CONSIDERATION

The amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposures. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Section 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

### 4.0 CONCLUSION

The staff has 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.

Date: August 17, 1988

Principal Contributors: R. E. Ireland  
C. C. Harbuck