



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

*Docket*

May 25, 1989

Docket Nos. 50-313  
and 50-368

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

Dear Mr. Campbell:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT -  
DELETION OF APPENDIX B, ENVIRONMENTAL TECHNICAL SPECIFICATIONS,  
FROM FACILITY OPERATING LICENSE NOS. DPR-51 AND NPF-6, FOR  
ARKANSAS NUCLEAR ONE, UNITS 1 AND 2

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your letters dated March 20 and 24, 1985, in which you proposed to delete the Appendix B, Environmental Technical Specifications for Arkansas Nuclear One, Units 1 and 2 (ANO-1&2) in their entirety. As you are aware, all but the land use management sections of Appendix B were previously removed by Amendment No. 111 for ANO-1 and Amendment No. 68 for ANO-2. This assessment, therefore, relates to the removal of the remaining Section 3.5 for ANO-1 and Section 5.9 for ANO-2 regarding land use management.

This assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

*C. Craig Harbuck*

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

*Chester Poslusny, Jr.*

Chester Poslusny, Jr., Project Manager  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
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/s/

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Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Chester Poslusny, Jr., Project Manager  
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Enclosure:  
As stated

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DOCUMENT NAME: ANO1,2 AMENDMENT

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Mr. T. Gene Campbell  
Arkansas Power & Light Company

Arkansas Nuclear One  
Unit Nos. 1 and 2

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UNITED STATES NUCLEAR REGULATORY COMMISSIONARKANSAS POWER AND LIGHT COMPANYARKANSAS NUCLEAR ONE, UNITS 1 AND 2DOCKET NOS. 50-313 AND 50-368ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to the Operating Licenses for Arkansas Nuclear One, Units 1 and 2 (ANO-1&2), located in Russellville, Arkansas.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The action is in response to the licensee's applications for amendment dated March 20 and 24, 1985, which requested the deletion of Appendix "B" to the Technical Specifications (TSs) for both ANO-1&2. The Appendix B Environmental Technical Specifications currently contain no radiological specifications but contain only a section, 3.5 for ANO-1 and 5.9 for ANO-2, entitled, "Special Requirements." These sections discuss vegetation and erosion control of the plant site and transmission line right-of-way corridors constructed for the distribution of energy generated by ANO-1&2. The information provided in these sections was required by the NRC staff evaluations included in the ANO-1 "Environmental Report" and in NUREG-0254, "Final Environmental Statement Related to Operation of Arkansas Nuclear One, Unit 2," both of which discussed the potential for severe erosion along the proposed transmission corridors.

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The Need for The Proposed Action:

The amendments are proposed because the licensee considers Appendix B as currently written to be primarily descriptive in nature, discussing the environmental control of the right of way corridors related to the construction of the plant. The landscaping and planting described in the land use management section were completed during the initial construction of Unit 1. There are no "action statements" or reporting requirements, and no items in NRC regulations are addressed. Significant surveillance has been performed in the past several years to conclude that there has been no environmental damage to those areas addressed in this section. In summary, these TSs are not needed to ensure protection of the environment.

Environmental Impacts of the Proposed Action:

The proposed amendments would not result in any modification of plant systems, components or procedures. Consequently, the probability of accidents has not been increased and the post-accident radiological releases will not be greater than previously determined, nor do the proposed amendments otherwise affect radiological plant effluents. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed amendments.

With regard to potential non-radiological impacts, the proposed amendments would eliminate a listing of requirements which have already been adequately met. NRC surveys have been conducted which have verified that the licensee has constructed, planted and maintained the properties identified in Appendix B

in compliance with previous commitments. The corridors, in particular, have adequate ground cover with only two slightly eroded areas, which pose no threat to either the environment or the transmission tower foundations. These surveys also revealed no indication of herbicide use. The amendments do not affect non-radiological plant effluents and have no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed amendments.

Alternative to the Proposed Action:

Since the Commission concluded that there are no significant environmental effects that would result from the proposed action, any alternatives with equal or greater environmental impacts need not be evaluated.

The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts of plant operation and would result in reduced operational flexibility.

Alternative Use of Resources:

This action involves no use of resources not previously considered in the Final Environmental Statements (construction permit and operating license) for ANO-1&2.

Agencies and Persons Consulted:

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

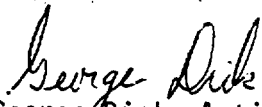
FINDING OF NO SIGNIFICANT IMPACT

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed amendment.

For further details with respect to this action, see the applications for amendments dated March 20 and 25, 1985 which are available for public inspection at the Commission's Public Document Room 2120 L Street, N.W., Washington, D.C., and at the Tomlinson Library, Arkansas Tech University, Russellville, Arkansas 72801.

Dated at Rockville, Maryland this 25th day of May, 1989.

FOR THE NUCLEAR REGULATORY COMMISSION

  
George Dick, Acting Director  
Project Directorate - IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation