

November 27, 1989

Docket Nos. 50-313
and 50-368

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

Dear Mr. Campbell:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT
IMPACT (TAC NOS. 68435 AND 68436) - ARKANSAS NUCLEAR ONE,
UNIT NOS. 1 AND 2 (ANO-1&2)

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant
Impact" for your information. This assessment relates to your application
dated August 15, 1989, for consolidation of operations and maintenance of
ANO-1&2 by Entergy Operations, Inc.

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

Sincerely,

/s/

Dennis M. Crutchfield, Associate Director
for Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Arkansas Power & Light Company

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Unit Nos. 1 and 2

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U.S. NUCLEAR REGULATORY COMMISSION
ARKANSAS POWER AND LIGHT COMPANY
ARKANSAS NUCLEAR ONE, UNIT NOS. 1 AND 2
ENVIRONMENTAL ASSESSMENT AND FINDINGS OF
NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License Nos. DPR-51 and NPF-6 issued to Arkansas Power and Light Company (AP&L, the licensee) for operation of the Arkansas Nuclear One, Unit Nos. 1 and 2 (ANO-1&2) located in Pope County, Arkansas.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The proposed amendment would change license conditions to allow the operation and maintenance of ANO-1&2 by Entergy Operations, Inc.

The proposed action is in accordance with the licensee's application for amendment dated August 15, 1989.

The Need for the Proposed Action:

The licensee, AP&L, proposes to transfer the operation and maintenance of ANO-1&2 to Entergy Operations, Inc. The proposed license conditions will assure that AP&L will continue in its present capacity as owner of ANO-1&2. The transfer to Entergy Operations, Inc. entails the transfer of ANO-1&2 operating and support staff from Arkansas Power and Light Company to Entergy Operations, Inc. All staff and functions for safety, environmental, security, emergency planning, and related disciplines will continue after the amendment as before. There will be no physical or operation changes associated with this amendment other than the change in name only (to Entergy Operations, Inc.) of the operations, maintenance, engineering, and other nuclear related personnel.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed changes to the licensing conditions. The proposed changes would allow AP&L to transfer the operations and maintenance of ANO-1&2 to Entergy Operations, Inc. The operation and maintenance staff of AP&L associated with ANO-1&2 will transfer to Entergy Operations, Inc. There will be no changes to the facility or the environment as a result of the license amendment. The licensee (AP&L) will continue as owner of the facility. Accordingly, the Commission concludes that this action would result in no radiological or non-radiological environmental impact.

The Notice of Consideration of Issuance of Amendment to Facility Operating Licenses and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing in connection with this action was published in the FEDERAL REGISTER on September 6, 1989 (54 FR 37041). No request for hearing or petition for leave to intervene was filed following this notice.

Alternative to the Proposed Action:

It has been determined that there is no impact associated with the proposed amendment; any alternatives to the amendment will have either no environmental impact or greater environmental impact.

Alternative Use of Resources:

This action does not involve the use of resources beyond the scope of resources used during normal operation discussed in the Final Environmental Statement (FES) related to the operation of Arkansas Nuclear One, Unit 1 issued in February 1983 and in the FES related to the operation of Arkansas Nuclear One, Unit 2 issued in June 1977.

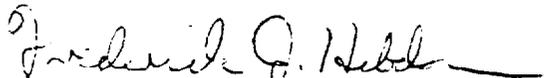
FINDING OF NO SIGNIFICANT IMPACT

Based on the foregoing environmental assessment, the Commission concluded 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 request for amendment dated August 15, 1989. Copies of the request for amendment are available for public inspection at the Commission's Public Document Room, 2120 L Street N.W., Washington, D.C. 20555 and at the Tomlinson Library, Arkansas Tech University, Russellville, Arkansas 72801.

Dated at Rockville, Maryland this 27th day of November 1989.

FOR THE NUCLEAR REGULATORY COMMISSION


Frederick J. Hebdon, Director
Project Directorate IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation