

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.

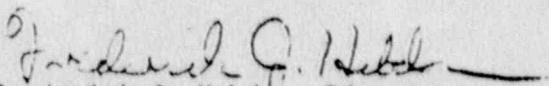
FINDING OF NO SIGNIFICANT IMPACT

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


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