

OCT 03 1975

Docket No. 50-315

Arkansas Power and Light Company
ATTN: Mr. J. D. Phillips
Senior Vice President
Production, Transmission and
Engineering
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

Gentlemen:

The Commission has issued the enclosed Amendment No. 6 to Facility License No. DPR-51 for Arkansas Nuclear One - Unit 1. This amendment includes Change No. 6 to the Technical Specifications and is in response to your request dated August 15, 1975.

This amendment (1) modifies the rod withdrawal limit curves to include limitations associated with maintaining potential ejected control rod worth within previously established limits (including following control rod interchange) and limitations associated with maintaining shutdown margin, (2) deletes the separate specification on maximum inserted control rod worths, but includes the limits and bases therefor in (1) above, (3) incorporates an additional restriction on the regulating control rod positions prior to criticality to assure that the ejected rod worth does not exceed 1% delta k/k at hot zero power, and (4) permits the rod withdrawal limit curves associated with ejected rod limits to be exceeded for a maximum period of four hours, provided that shutdown margin requirements are maintained and corrective measures are taken immediately to achieve a rod pattern consistent with the limit curves.

The cover letter to your August 15, 1975 submittal requesting this amendment to the Technical Specifications stated that the proposed changes were based on the Interim Acceptance Criteria (IAC) for the Emergency Core Cooling System analysis. The issuance of this amendment does not nullify our December 27, 1974 Order regarding interim operation with the IAC-based Technical Specifications and the Final Acceptance Criteria-based Technical Specifications proposed in your submittal of August 3, 1974. Arkansas Nuclear One - Unit 1 shall continue to operate as stated in the December 27, 1974 Order with the specifications issued in this amendment replacing the IAC-based specifications presently in use.

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Copies of the related Safety Evaluation and the Federal Register Notice are also enclosed.

Sincerely,

Original Signed by
Bartholomew C. Buckley

for
Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Reactor Licensing

Enclosures:

- 1. Amendment No. 6 to DPR-51
w/Change No. 6
- 2. Safety Evaluation
- 3. Federal Register Notice

cc w/enclosures:
See next page

TO	RL:ORB #2 <i>RNDiggs</i>	RL:ORB #2 <i>WCC</i>	<i>FIELD</i> <i>GIRACK</i>	RL:ORB #2 <i>BCC</i> DLZiemann (Buckley)	
FROM		WEConverse:ah			
DATE	9/26/75	9/26/75	9/11/75	9/2/75	

OCT 02 1975

cc w/enclosures:

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Mr. William Cavanaugh, III
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Arkansas Polytechnic College
Russellville, Arkansas 72801

Honorable Wayne Nordin
Acting County Judge of Pope County
Pope County Courthouse
Russellville, Arkansas 72801

cc w/enclosures and cy of Arkansas's
filing dtd. 8/15/75:

Mr. E. F. Wilson, Director
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Mr. Clinton Spotts
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