

January 26, 1983

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Docket No. 50-313

Mr. William Cavanaugh, III
Senior Vice President
Energy Supply
Arkansas Power & Light Company
P. O. Box 551
Little Rock, Arkansas 72203

Dear Mr. Cavanaugh:

SUBJECT: SAFETY EVALUATION FOR ENVIRONMENTAL QUALIFICATION (EQ) OF
SAFETY-RELATED ELECTRICAL EQUIPMENT

Re: Arkansas Nuclear One, Unit No. 1 (ANO-1)

This letter transmits the Safety Evaluation for the EQ of safety-related electrical equipment at your facility. This evaluation is based on your response to our previous Safety Evaluation, dated October 2, 1981 and subsequent submittals dated February 18, February 27, July 21 (OCAN078221), July 29 (OCAN078220), August 13, and November 12, 1982.

This Safety Evaluation presents the results of the EQ Review for safety-related electrical equipment, exposed to a harsh environment, in accordance with NRC requirements. We request that you provide your plans for qualification or replacement of the equipment in NRC Categories I.B, II.A and II.B (presented in the Technical Evaluation Reports) and the schedule for accomplishing your proposed corrective actions to us within ninety (90) days of the receipt of this letter.

As indicated in the conclusion section of the Safety Evaluation, we request that you reaffirm the justification for continued operation and within thirty (30) days of receipt of this letter, submit information for items in NRC Categories I.B, II.A and II.B (presented in the enclosed Technical Evaluation Report) for which justification for continued operation was not previously submitted to the NRC. We suggest that the clarification set forth in Item 8 of Generic Letter No. 82-09, "Clarification Questions and Answers on Environmental Qualification Requirements," should be considered in your justification for continued operation.

The Technical Evaluation Report contains certain identified information which you have previously claimed to be proprietary. We request that you inform us as indicated in the proprietary section of the Safety Evaluation whether any portions of the identified pages still require proprietary protection.

At your option, the staff will be available to discuss the findings in the Safety Evaluation as augmented by the Technical Evaluation Report. Questions regarding this letter should be directed through the NRC Project Manager for your plant.

OFFICE							
SURNAME							
DATE	8302080434	830126					
	PDR	ADOCK	05000313				
	P		PDR				

Mr. William Cavanaugh

-2-

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

ORIGINAL SIGNED BY
JOHN F. STOLZ

John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

Enclosures:

1. Safety Evaluation
2. Technical Evaluation Report

cc w/o Enclosure 2:
See next page

OFFICE	ORB #4:DL	EQB:DE <i>PS</i>	C-ORB #4:DL			
SURNAME	GVissing;cf	PShemanski	JStolz			
DATE	1/17/83	1/26/83	1/25/83			



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

January 26, 1983

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Senior Vice President
Energy Supply
Arkansas Power & Light Company
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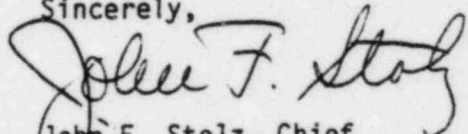
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Mr. William Cavanaugh

-2-

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Sincerely,

A handwritten signature in dark ink, appearing to read "John F. Stolz". The signature is fluid and cursive, with the first name "John" and last name "Stolz" being the most prominent parts.

John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

Enclosures:

1. Safety Evaluation
2. Technical Evaluation Report

cc w/o Enclosure 2:
See next page

Arkansas Power & Light Company

cc w/enclosure(s):

Mr. John R. Marshall
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Arkansas Power & Light Company
P. O. Box 551
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Mr. Leonard Joe Callan
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Honorable Ermil Grant
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Russellville, Arkansas 72801

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Mr. John T. Collins, Regional Administrator
U. S. Nuclear Regulatory Commission, Region IV
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Director, Bureau of Environmental
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4815 West Markham Street
Little Rock, Arkansas 72201