



ARKANSAS POWER & LIGHT COMPANY
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July 24, 1979

1-079-9

Director of Nuclear Reactor Regulation
ATTN: Mr. Robert W. Reid, Chief
Operating Reactors
Branch #4
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Arkansas Nuclear One-Unit 1
Docket No. 50-313
License No. DPR-51
Electrical Equipment Rooms
Cooling Modification
(File: 1510, 0520)

Gentlemen:

Pursuant to the request of your letter dated March 31, 1979, the following information is provided regarding the seismic and environmental qualifications of the cooling equipment recently installed in the North and South Electrical Equipment Rooms at Arkansas Nuclear One-Unit 1.

The seismic criteria to which this modification was made is as specified in IEEE 344-1975. As for the environmental criteria, testing of prototypes of the electrical panels and motors is specified to IEEE 323-1974. Test results will be available within six months. As the environmental conditions specified for the equipment are not out of the ordinary and similar to most industrial conditions where similar electrical equipment has been operated successfully for years, we expect no failures of the subject equipment under such conditions, especially within the next six months while the equipment is so new. Should the subject equipment not meet the prescribed standard, you will be notified.

Very truly yours,

David C. Trimble

David C. Trimble
Manager, Licensing

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