



ARKANSAS POWER & LIGHT COMPANY  
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August 28, 1984

1CAN088412

Director of Nuclear Reactor Regulation  
ATTN: Mr. J. F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

SUBJECT: Arkansas Nuclear One - Unit 1  
Docket No. 50-313  
License No. DPR-51  
Environmental Qualification - Resolution  
of TER Items - Additional Information

Gentlemen:

In response to a verbal request from members of your staff, we are providing the following information to assist you in your evaluation of the ANO-1 and 2 environmental qualification program. Specifically, a response to item 4.3.3.3 of the Franklin Technical Evaluation Report (TER) which was submitted to AP&L by NRC letter dated January 26, 1983 (1CNA018304), was requested.

Item 4.3.3.3 of the TER indicated that AP&L has specified varying doses for equipment inside containment and requested justification for using values lower than the envelope value given in the DOR guidelines. In actuality, the conservative dose for inside containment equipment at ANO-1 is  $5 \times 10^7$  rads. In an effort to qualify certain devices, a location specific dose reduction was undertaken resulting in some doses below the DOR guideline value of  $4 \times 10^7$  rads. An explanation of this work was previously requested by your staff in October 1982 (1CNA108204). AP&L's response was provided by letter dated November 12, 1982 (1CAN118204), and referenced again by our initial response to the TER in April 1983 (1CAN048315).

In addition to the information provided in the November 1982 letter, we wish to point out that all inside containment items on the EQ list will be qualified to  $5 \times 10^7$  rads by the EQ deadline. The SCEW sheets with the lower radiation levels will be revised to reflect the previous (conservative) inside containment dose of  $5 \times 10^7$  rads.

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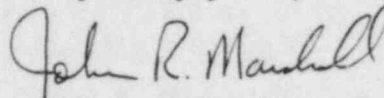
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Incidentally, our recent submittal in response to the TER did not address this item because the TER itself concludes section 4.3.3.3 with

"It is concluded that the Licensee has provided a satisfactory response to the NRC concern."

We apologize for any misunderstandings we may have created regarding this item and trust that this response is sufficient to close the item.

Very truly yours,



John R. Marshall  
Manager, Licensing

JRM/CHT/ac