



ARKANSAS POWER & LIGHT COMPANY  
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October 1, 1979

1-109-2

Director of Nuclear Reactor Regulation  
ATTN: Mr. R. W. Reid, Chief  
Operating Reactor 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  
Long-Term Generic Issues  
Related to May 17, 1979  
Order  
(File: 1510)

Gentlemen:

Pursuant to Dr. D. F. Ross' letter of August 21, 1979, we provide the following response to Item 2 of the Enclosure 1.

The initial training related to TMI-2 and Small Break Philosophy included training in the TMI Sequence of Events, Small Break Operating Philosophy, TMI related design and procedure changes, and simulator training on the TMI-2 sequence of events.

Long-term training will contain the information learned from TMI-2. The changes which have been incorporated into design, procedures, and operating philosophy will be covered in operator requalification training in accordance with the requirements in 10 CFR 55, Appendix A, para. 2. In addition, the annual simulator requalification training will include small break drill and response.

As a result of discussions with the NRC Staff and a review of scheduled workloads, the following revised schedule dates are provided in lieu of the response for Item 7 provided in our August 31, 1979 letter. These dates represent the expected date which Babcock and Wilcox will provide the response to us. Following a review for applicability of these responses to Arkansas Nuclear One-Unit 1, the report will be submitted to NRC within two weeks of the date listed below.

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October 1, 1979

Small Break LOCA Analysis

- Item 1.A December 1, 1979
- 1.B September 28, 1979
- 2.A September 28, 1979
- 2.B 1. Qualitative description of system response to a small break which causes repressurization to PORV setpoint and PORV sticks open, October 15, 1979.
- 2. Perform analysis and provide report on small break which repressurizes to PORV setpoint and PORV sticks open, February 1, 1980.
- 3.A September 28, 1979
- 3.B September 28, 1979
- 3.D 1. Provide actions recommended to TMI-2 Staff to be taken in the event of a significant accumulation of non-condensable gases in the primary system, September 28, 1979.
- 2. Provide recommended modifications/additions to above (if any), October 15, 1979.
- 3. Provide composite document covering non-condensable gases, October 26, 1979.
- 4. Provide existing analysis of TMI-2 accident, September 28, 1979.
- 5. October 1, 1979
- 6. Estimated January 15, 1980

With regard to Item 6, B&W will review with NRC calculation pre-test requirements for the LOFT small break test when available. The above estimated completion date may then be revised.

Very truly yours,

David C. Trimble  
Manager, Licensing