

Mailing Address  
Alabama Power Company  
600 North 18th Street  
Post Office Box 2641  
Birmingham, Alabama 35291  
Telephone 205 783-6081

F. L. Clayton, Jr.  
Senior Vice President  
Flintridge Building

November 28, 1983



Docket No. 50-364

Director, Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Mr. S. A. Varga

Joseph M. Farley Nuclear Plant - Unit 2  
Turbine Valve Technical Specification Change Request

Gentlemen:

The following provides additional information concerning the Farley Nuclear Plant Unit 2 technical specification change request, dated October 3, 1983, regarding Section 3/4.3.4. This information was requested during recent telephone conferences with NRC staff personnel.

One question raised by the NRC Staff was related to the possibility of a turbine overspeed incident resulting from backflow from a feedwater heater via a steam extraction line. This condition could result from failure of the existing non-return check valve and the power assisted isolation valve in the extraction line. Alabama Power Company has determined that insufficient energy is contained within any single feedwater heater to bring the turbine to overspeed under such conditions.

The second item discussed involved Alabama Power Company's basis for the proposed valve test interval. The administrative basis for the approximate four month test interval in the Turbine Overspeed Reliability Enhancement Program is as follows:

1. This interval will foster appropriate continuing attention to key components while providing added assurance of component reliability.
2. This interval is consistent with expected system peak load requirements.

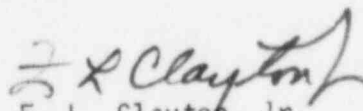
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3. This interval will allow unexpected changes in plant condition to be reflected in changes to the valve testing schedule (i.e., recognition that shutdown and startup constitute a test of the valve closure mechanism).

If there are any questions, please contact us.

Your truly,

  
F. L. Clayton, Jr.

FLCJr/CLB:grs-D13

cc: Mr. R. A. Thomas  
Mr. G. F. Trowbridge  
Mr. J. P. O'Reilly  
Mr. E. A. Reeves  
Mr. W. H. Bradford  
Dr. I. L. Myers