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F. L. Clayton, Jr.  
Senior Vice President  
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Alabama Power

the southern electric system

September 17, 1981

Docket No. 50-348  
No. 50-364

Mr. J. P. O'Reilly  
U. S. Nuclear Regulatory Commission  
Region II, Suite 3100  
101 Marietta Street, N. W.  
Atlanta, Georgia 30303



Dear Mr. O'Reilly:

IE Bulletin 81-02, entitled "Failure of Gate Type Valves to Close Against Differential Pressure," requested each licensee to determine whether any Westinghouse EMD manufactured gate valves have been installed or maintained as spares in safety related applications where they are required to close against certain differential pressures. In our letter dated May 8, 1981, Alabama Power Company stated that it had been determined that no Westinghouse EMD valves had been installed or maintained as spares in any safety related system in either Unit 1 or 2 where differential pressures would be in excess of the threshold values stated in the bulletin.

Supplement 1 of the subject bulletin requested each licensee to determine whether any Westinghouse EMD manufactured motor operated gate valves have been installed or maintained as spares in any safety related system where they are required to close against a differential pressure. In accordance with this request, Alabama Power Company conducted a review of safety related systems at Farley Nuclear Plant Units 1 and 2. As a result of this review, it was determined that three Westinghouse EMD manufactured gate valves have been installed in the Unit 2 RHR system. Two of the three valves identified are Model 3GM99 valves which are located in the RHR miniflow lines. The differential pressure across these valves is approximately 150 psi; whereas, the threshold differential pressure value, below which the bulletin indicates that the valve has been demonstrated to consistently close, is 750 psi. The third valve identified is a 14GM84 located in the line from the containment sump to the suction of RHR pump 2A. The differential pressure across this valve is approximately 100 psi; whereas, the threshold differential pressure value, below which the valve has been demonstrated to consistently close, is 300 psi. Since all three of these valves operate at differential pressures lower

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Mr. J. P. O'Reilly  
U. S. Nuclear Regulatory Commission

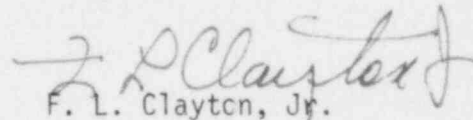
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than those at which Westinghouse EMD valves have successfully operated, it is Alabama Power Company's position that the concerns expressed in the subject bulletin do not apply to the valves installed at Farley Nuclear Plant. No Westinghouse EMD valve is being maintained as a spare.

As requested in your letter transmitting the subject bulletin, an estimated 100 manhours were expended in conducting this review.

If you have any questions, please advise.

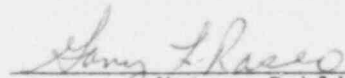
Yours very truly,

  
F. L. Clayton, Jr.

FLCJr/RWS:jc

cc: Mr. R. A. Thomas  
Mr. G. F. Trowbridge  
Mr. E. A. Reeves  
Mr. W. H. Bradford  
Office of I&E  
Division of Reactor  
Operation Inspection  
Washington, D. C.

SWORN TO AND SUBSCRIBED BEFORE  
ME THIS 17th DAY OF  
Sept., 1981.

  
Notary Public

My Commission Expires:

2-15-82