



MISSISSIPPI POWER & LIGHT COMPANY  
Helping Build Mississippi  
P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

April 11, 1980

PRODUCTION DEPARTMENT

Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 3100  
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Director

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station  
Units 1 and 2  
Docket Nos. 50-416/417  
File 0272/15525/15526  
PRD-80/08, Status Report,  
Limitorque Motor Operator  
Malfunctions  
AECM-80/74

On March 14, 1980, Mississippi Power & Light Company notified Mr. F. Cantrell of your office of a Potentially Reportable Deficiency (PRD) at the Grand Gulf Nuclear Station construction site. The deficiency concerns malfunctions of Limitorque motor operators.

Our initial findings indicate that the valve stem protectors caused the motor operator to malfunction, preventing the associated valve from opening to its full position. The problem is apparently related to the excessive threading of the stem protector.

While this malfunction was noted during testing of non-safety related systems, this type operator (Limitorque Valve Operator, Type SMB) is employed in safety related systems. Our investigation into the safety implications of this deficiency is in progress and is being documented under Bechtel Management Corrective Action Report (MCAR)-GGNS No. 65.

We expect to provide to you our final report on this matter by July 28, 1980.

Yours truly,

*L. F. Dale*  
L. F. Dale  
Nuclear Project Manager

JGC/JDR:ts

cc: Mr. N. L. Stampley  
Mr. R. B. McGehee  
Mr. Victor Stello, Jr., Director  
Division of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

bcc: Dr. D. C. Gibbs  
Mr. T. E. Reaves  
Mr. Adrian Zaccaria  
Mr. C. K. McCoy  
Mr. J. N. Ward  
Mr. J. Yelverton  
Mr. D. M. Lake  
Mr. A. R. Smith  
Mr. R. L. Scott  
File  
Mr. W. L. Nail  
Mr. J. P. McGaughy

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