



# MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39209

NUCLEAR PRODUCTION DEPARTMENT

April 9, 1982

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

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:

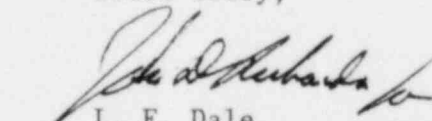
SUBJECT: Grand Gulf Nuclear Station  
Units 1 and 2  
Docket Nos. 50-416 and 50-417  
File 0260/6140  
Hydrodynamic Loads on Control  
Rod Drive Systems  
AECM-82/147



In response to your request for additional information in letter MAEC-82/72, dated March 29, 1982, Mississippi Power & Light Company (MP&L) is providing the following information pertaining to "fast scram" hydrodynamic loads in the piping and on the supports of Control Rod Drive (CRD) systems. Considerations of hydrodynamic loads were included in the stress analyses of the piping and supports in the CRD system on Grand Gulf Nuclear Station (GGNS). Modifications to the design of the pipe supports in the CRD system as required by these analyses were subsequently accomplished. Thus, the safety concerns identified to the NRC by Reactor Controls, Inc., in their letter dated October 14, 1981, are no longer applicable to GGNS.

However, MP&L will respond to the items identified in your letter dated March 29, 1982, on or before May 28, 1982. This issue and schedule has been discussed by telephone with Mr. M. D. Houston, NRC Project Manager, on April 9, 1982.

Yours truly,



L. F. Dale  
Manager of Nuclear Services

JHS/JGC/JDR:lm

cc: (See Next Page)

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cc: Mr. N. L. Stampley  
Mr. G. B. Taylor  
Mr. R. B. McGehee  
Mr. T. B. Conner

Mr. Richard C. DeYoung, Director  
Office of Inspection & Enforcement  
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Mr. J. P. O'Reilly, Regional Administrator  
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