



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

May 23, 1984

NUCLEAR PRODUCTION DEPARTMENT

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  
 License No. NPF-13  
 File 0260/0272/0756  
 Quarterly Status Report -  
 March 31, 1984, "Degraded  
 Core Accident Hydrogen  
 Control Program"  
 AECM-84/0200

The Nuclear Regulatory Commission (NRC) staff in Supplement No. 4 of the Safety Evaluation Report (SER) requested that Mississippi Power & Light (MP&L) submit to the NRC quarterly reports on the status of the "Degraded Core Accident Hydrogen Control Program." In response to that request MP&L is herewith submitting the third of these status reports. This report covers the time period since January 1, 1984, through March 31, 1984.

Should you have any questions concerning this report, please contact us.

Yours truly,

L. F. Dale  
 Director of Nuclear Licensing & Safety

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 PDR ADOCK 05000416  
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DBH/SHH:sad  
 Attachment

cc: Mr. J. B. Richard (w/a)                      Mr. N. S. Reynolds (w/o)  
 Mr. R. B. McGehee (w/o)                      Mr. G. B. Taylor (w/o)

Mr. Richard C. DeYoung, Director (w/a)  
 Office of Inspection & Enforcement  
 U. S. Nuclear Regulatory Commission  
 Washington, D. C. 20555

Mr. J. P. O'Reilly, Regional Administrator (w/a)  
 U.S. Nuclear Regulatory Commission  
 Region II  
 101 Marietta St., N.W., Suite 2900  
 Atlanta, Georgia 30303

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