



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

January 6, 1984

JAMES P. MCGAUGHY, JR.  
VICE PRESIDENT

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/L-860.0  
SRC Operational Readiness Review  
for 5% Power  
AECM-84/0021

In a letter dated November 18, 1983 (AECM-83/0746), Mississippi Power & Light (MP&L) submitted the Safety Review Committee (SRC) Special Subcommittee's Report on Grand Gulf Nuclear Station (GGNS) Unit 1 5% Power Operational Readiness Review. This report documented the SRC Special Subcommittee's review of GGNS Unit 1 operational readiness prior to proceeding above 5% power. The review was conducted by the subcommittee in partial fulfillment of License Condition 2.C.(3). The subcommittee concluded that when the 5% power recommendations identified in the report are fully implemented, the plant and personnel will be ready to proceed with power ascension and testing.

The report has been reviewed by the full SRC and this submittal documents that review and endorsement of the report as submitted. In addition, MP&L management has reviewed and approved the report with one exception pertaining to diesel generator testing. This item is discussed in the attachment. As indicated above, several of the report's recommendations were identified specifically as requiring implementation before going above 5% power. Except for the exception noted above, these recommendations have been reviewed and determined to be appropriate and will be implemented by MP&L before exceeding 5% power. All other recommendations identified in the report will be performed in a timely manner on a schedule consistent with the recommendation.

Yours truly,

6401100478 840106  
PDR ADOCK 05000416  
P PDR

JPM:rg  
Attachment

cc: See next page

Boo 1  
11

MISSISSIPPI POWER & LIGHT COMPANY

AECM-84/0021

Page 2

cc: Mr. J. B. Richard (w/a)  
Mr. R. B. McGehee (w/o)  
Mr. T. B. Conner (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

EXCEPTION TO SRC  
SPECIAL SUBCOMMITTEE RECOMMENDATIONS

Division III Diesel Generator Seven Day Test - (page I-15)

The SRC Special Subcommittee recommended that prior to exceeding 5% power, Division I, II, and III Diesel Generators (D/G) should each be run for the equivalent of one week (168 hours) at greater than 50% load. Grand Gulf Nuclear Station (GGNS) employs two Transamerica Delaval D/Gs (Division I and II) and one Electro-Motive Division of General Motors D/G (Division III). MP&L decided the Division III D/G should not be required to complete a seven day run test because the problems experienced by the Delaval D/Gs have not been encountered by the Division III D/G. The Division III D/G has exhibited a very high running reliability at GGNS.

However, as an enhancement to the existing D/G reliability assurance measures, MP&L performed a test of three days duration on the Division III D/G. In that no problems or anomalies did occur during the testing, the test period was not extended beyond three days.