



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

January 5, 1984

NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 2900  
Atlanta, GA 30303

Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station  
Unit 1  
Docket No. 50-416  
License No. NPE-13  
File: 0260/15525/15526  
IE Report 416/83-30-  
Supplemental Response  
AECM-84/0044

Reference: 1. MAEC-83/0231, dated July 27, 1983  
2. AECM-83/0517, dated August 26, 1983

This letter provides a supplemental response to NRC Violation 416/83-30-01. The original response was transmitted by MP&L letter Reference 2. Paragraphs I and III of the response are replaced by the following:

I. ADMISSION OR DENIAL OF THE ALLEGED VIOLATION

Mississippi Power & Light Company (MP&L) admits to the alleged violation. Even though MP&L admits to the alleged violation, there were no adverse affects on the health and safety of the public.

III. CORRECTIVE STEPS WHICH HAVE BEEN TAKEN AND RESULTS ACHIEVED

The surveillance testing activity was completed on the Division I LSS panels and the M&TE was removed.

MNCR 714-83 was initiated to resolve the generic issue of banana test jacks being installed in the plant without a safety evaluation. This MNCR was dispositioned as "accept as is" and an adequate safety evaluation was performed. MP&L considers the safety evaluation as being adequate since the engineering evaluation provided that the structural integrity of the terminal board and their associated panels were not affected by the installation of banana test jacks. Also, the safety evaluation provided that no new mode of failure was introduced to the system and the energized circuits are not interrupted by the installation of these test jacks.

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Member Middle South Utilities System

Mr. J. P. O'Reilly  
NRC

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In addition, MP&L considers the use of banana test jacks as an enhancement over the use of test leads (alligator clips), since they provide a positive connection point for installing M&TE. Also, this allows for in-service testing without having to be concerned with the probability that the connector will become detached and shorted with another terminal point.

Yours truly,



L. F. Dale  
Manager of Nuclear Services

LFD:scb

cc: Mr. R. B. McGehee  
Mr. T. B. Conner  
Mr. G. B. Taylor

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