



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

PRODUCTION DEPARTMENT

Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street - Suite 3100
Atlanta, Georgia 30303

October 16, 1979

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

Gentlemen:

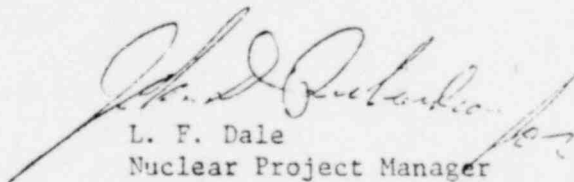
SUBJECT: Grand Gulf Nuclear Station
File 0260/0498/15525/15526
Interim Report of PRD-79/17
as Defined in 10 CFR 50.55(e)
AECM-79/116

On September 9, 1979, Mississippi Power & Light Company notified Mr. J. K. Rausch of your office of a potential reportable deficiency at the Grand Gulf Nuclear Station construction site. The deficiency concerns defective inverters manufactured by Topaz Electronics for equipment supplied by General Electric.

Inverters used to supply essential divisional power from station batteries to the ECCS transmitter/trip unit analog sensors have failed. The failure is associated with transient disturbances such as those generated on the 125 VDC bus from relay switching coils. Blown fuses and failed SCR's have occurred as a result of the transient.

General Electric is currently investigating this matter. We expect to make a determination of reportability and submit our findings to you by January 31, 1980.

Yours truly,


L. F. Dale
Nuclear Project Manager

JRF/JDR:pa

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

Mr. Victor Stello, Jr., Director
Division of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

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