



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

August 29, 1983

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NUCLEAR PRODUCTION DEPARTMENT

U. S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 2900
Atlanta, Georgia 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. NPF-13
File 0260/L-835.0
Occurrence of an Unexpected
Partial LOCA Signal
LER 83-112/03 L-0
AECM-83/0520

On July 30, 1983, while troubleshooting the NSSSS/ECCS initiation circuitry to find the reason for improper operation of E12F087B and F025B in accordance with an approved work order, an unexpected partial LOCA signal occurred. Shutdown cooling loop "A", the Reactor Water Cleanup System, and Auxiliary Building Division II isolation valves automatically isolated, and Division II Diesel Generator and the Standby Gas Treatment System automatically initiated. This is reported pursuant to Technical Specification 6.9.1.13.b. Attached is LER 83-112/03 L-0 which is an interim report.

Yours truly,

L. F. Dale
Manager of Nuclear Services

EBS/SHH:sap
Attachment

cc: Mr. J. B. Richard (w/a)
Mr. R. B. McGhee (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

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