



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

August 29, 1983

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
Special Report 83-072/0 -
Control Room Ambient Air
Temperature Exceeds
Technical Specification
Limit
AECM-83/0518

From 2135 hours on July 29, 1983, until 0800 hours on July 30, 1983, the Control Room ambient air temperature exceeded the area temperature limit of Technical Specification 3.7.8-1.c (77°F). The excessive area temperature was a direct result of no operating Control Room HVAC subsystems. At the time of the event, subsystem "A" was inoperable due to compressor maintenance, and subsystem "B" was load shedded during performance of an eighteen (18) month functional test for the Division II Diesel Generator. The area temperature exceeded the Technical Specification limit for a total of 10.5 hours with a peak recorded temperature of 80°F.

From 1400 hours on August 14, 1983, until 0600 hours on August 16, 1983, the Control Room ambient air temperature exceeded the area temperature limit of Technical Specification 3.7.8-1.c (77°F). The excessive area temperature was a direct result of low Freon in the "B" subsystem. Subsystem "A" was inoperable due to compressor maintenance. The temperature exceeded the limit for a total of forty (40) hours with a peak recorded temperature of 79°F.

The maximum qualification temperatures vary for different types of equipment in the Control Room. All Control Room equipment is qualified to at least a maximum qualification temperature of 90°F, therefore, an analysis to demonstrate operability of this equipment is not required. This is reported as a Special Report pursuant to Technical Specification 6.9.2.

Yours truly,

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PDR ADCK 05000416
S PDR

L. F. Dale
for L. F. Dale
Manager of Nuclear Services

EBS/SHH:sap

cc: (See Next Page)

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MISSISSIPPI POWER & LIGHT COMPANY

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

Mr. Richard C. DeYoung, Director
Office of Inspection & Enforcement
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