



MISSISSIPPI POWER & LIGHT COMPANY

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P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

October 4, 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 83-088/0 -
Control Room Temperature
Exceeded Technical
Specification Limitation
AECM-83/0633

On September 4, 1983, at 1600 hours the Control Room temperature exceeded the 77°F limit of Technical Specification 3.7.8. The temperature reached 80°F but was brought within limits by 0300 hours on September 5, 1983. The equipment in the area is qualified to a minimum of 90°F. No further evaluation is considered necessary.

The upper cabinet area on elevation 189 feet of the Control Building also exceeded 77°F. The excessive temperature readings were somewhat sporadic from September 4 to September 10 and are suspect. The maximum recorded temperature was 97°F, the lowest was 73°F. An investigation is in progress to determine the validity of the temperature readings. An analysis of the effects of this excessive temperature on plant equipment is still in progress. This is an interim report submitted pursuant to Technical Specification 6.9.2. An update report is expected to be submitted by November 15, 1983.

Yours truly,

for L. F. Dale
Manager of Nuclear Services

EBS/SHH:sap

cc: (See Next Page)

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

Mr. Richard C. DeYoung, Director
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