



# MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

July 30, 1984

## NUCLEAR LICENSING & SAFETY DEPARTMENT

U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 2900  
Atlanta, Georgia 30323

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 84-022/1 - Update  
Report - Auxiliary Building  
Main Steam Tunnel Temperature  
Exceeded Technical Specification  
Limit  
AECM-84/0387

This is an update to a previous report submitted on May 29, 1984. The condition for which this report is submitted occurred on April 29, 1984, when the Auxiliary Building Main Steam Tunnel temperatures exceeded the 125°F limit of Technical Specification 3.7.8. The maximum recorded temperature was 137°F. The maximum temperatures and the cumulative times the limit was exceeded are listed below. An analysis to demonstrate continued operability of the affected equipment was performed. The operability of equipment was not affected other than a reduction in qualified lifetime. Task cards will be issued to track the new qualified life of each affected component.

<u>DATE</u>	<u>TIME OF LCO</u>	<u>MAXIMUM TEMPERATURE</u>
4/29/84 to 5/3/84	97 hours	130°F
5/14/84 to 5/25/84	258.75 hours	137°F
5/27/84 to 6/2/84	131.5 hours	129°F

Design Change Package (DCP) 84-4020 has been implemented. This DCP removed Plant Service Water (PSW) as the cooling medium for the room cooling units, and installed Plant Chilled Water (PCW) as the new coolant supply. Plant Chilled Water operates at a lower temperature which will improve the cooler's capacity to remove heat. This is a final report.

Yours truly,

*L. F. Dale*  
L. F. Dale  
Director

OFFICIAL COPY

8408130365 840730  
PDR ADOCK 05000416  
S PDR

EBS/SHH:lm

cc: (See Next Page)

Member Middle South Utilities System

IE31/10

## MISSISSIPPI POWER &amp; LIGHT COMPANY

cc: Mr. J. B. Richard  
Mr. R. B. McGehee  
Mr. N. S. Reynolds  
Mr. G. B. Taylor

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

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555