



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
Office of Nuclear Reactor Regulations
Washington, D. C. 20555

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station
Unit 2
Docket No. 50-417
License No. NPF-13
File: 0260/15320
Transmittal of Environmental
Protection Program Report
of Two Months Ending
June 30, 1984
AECM-84/2-0014

Attached is a report entitled "Summary of Environmental Protection
Program Respecting Construction of Grand Gulf Nuclear Station for Two
Months Ending June 30, 1984." This report is submitted for a two-month
period in order to have the semiannual report be congruent with a calendar
year of January-December. This report is submitted as required by Staff
Exhibit 2-A referenced in Subsection 3.E.1 of Applicant's Construction
Permit No. CPPR-119.

Please contact me if you have any questions concerning this report.

Yours truly,

[Handwritten signature]

L. F. Dale
Director

GOS/LRM/LFD:ay
Attachment

cc: Mr. J. B. Richard (w/a) Mr. N. S. Reynolds (w/a)
Mr. R. B. McGehee (w/a) Mr. G. B. Taylor (w/a)

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

Mr. J. P. O'Reilly, Regional Administrator (w/a)
U. S. Nuclear Regulatory Commission
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101 Marietta Street, N. W., Suite 2900
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SUMMARY OF ENVIRONMENTAL PROTECTION PROGRAM  
RESPECTING CONSTRUCTION OF GRAND GULF NUCLEAR STATION (GGNS)  
FOR TWO MONTHS ENDING JUNE 30, 1984

CONSTRUCTION HIGHLIGHTS

- Construction of Unit 2 is 33.4% complete. There was no construction on GGNS Unit 2 during the reporting period. All activity on Unit 2 was for the purpose of protecting the Company's investment.
- Complete occupancy of the recently completed Energy Services Center (ESC) was accomplished during the reporting period.

VEHICULAR MOVEMENT

- No "off limit" violations were observed during the reporting period.

DUST CONTROL

- No dust control violations were observed during the reporting period.

SMOKE CONTROL

- No smoke control violations occurred during the reporting period.

EROSION CONTROL

- Rainfall was recorded on 14 separate occasions during the reporting period, with an accumulated rainfall of 9.50 inches. Runoff samples were collected on three of these instances and returned to the Environmental Surveillance Laboratory for suspended solids analysis. The results of these analyses indicated that no adverse levels of sediment are being entrained in the surface runoff.

CHEMICAL AND SOLID WASTE CONTROL

- Mixing of potentially hazardous sonolastic products located in the Hazardous Waste Storage Area was completed during the reporting period.
- Nine empty drums from the sonolastic mixing operation were disposed of by crushing and then burial. Seventeen drums now remain inside the fenced Hazardous Waste Storage Area at GGNS.

#### REGIONAL GROUNDWATER DEWATERING

- The 12 regional groundwater wells and 15 perched aquifer wells were read during the reporting period with no abnormal fluctuations or trends detected.
- High Mississippi River levels prevented reading of the floodplain wells twice during the reporting period.
- The perched aquifer wells were read monthly during the reporting period. There were no instances where the design maximum groundwater level of 109.00 ft. above Mean Sea Level (MSL) was exceeded during the reporting period.
- The casing for Well MW-1 was damaged in a back-filling operation of the tie-back wall. No reading for this well was obtained because of this damage.

#### VEGETATION

- No vegetational abnormalities were observed during the reporting period.
- Clearing of MP&L land for an access road right-of-way to the new Claiborne County port was begun during the latter stages of the reporting period.

#### TRANSMISSION LINES

- A semiannual aerial survey of GGNS-associated transmission lines was conducted during the reporting period. Major erosion was evident at angle (Towers 192 and 193) on the Franklin 500 Kv Transmission Line. A box culvert located at the angle towers was severely damaged by runoff from heavy rainfall in the area. MP&L's Engineering Division has been notified of the problem and is evaluating the potential solutions.

#### SEDIMENT BASINS A & B

- No problems were encountered with either basin during the reporting period.