

Summary of Environmental Protection Program
Respecting Construction of Grand Gulf Nuclear Station (GGNS)
for Six Months Ending June 30, 1985

Construction Highlights

- Construction on Unit 2 is 33.8% 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.
- Work was completed transferring material from Natchez, Mississippi to the new MP&L Warehouse in Clinton, Mississippi.

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

- One Smoke Control Violation occurred during the six-month reporting period.

Wet trash and plastic bags caused the high particulate emissions. Construction personnel were asked to not burn during wet weather conditions.

Erosion Control

- Rainfall was recorded on 40 occasions during the reporting period, with an accumulated rainfall of 25.15 inches. No adverse levels of sediment were deposited in the floodplains during the reporting period.

Chemical & Solid Waste Control

- A total of 136 drums and containers of hazardous waste are in storage in the hazardous waste storage facility. This material consist of
 - 14 drums Rydlyme metal cleaning waste
 - 67 drums lead contaminated dirt
 - 55 drums Tech Sil material.

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Plans are being formulated to move this material to the Chemical Waste Management Hazardous Waste Disposal Facility in Emelle, Alabama.

- A total of 565 drums of nonhazardous material was disposed of on site during the reporting period.
The drums can be broken down as follows:

Water	368	Borated Water	19
Charcoal	18	Resin	84
Sand	10	Glycol	2
Oil	58	Absorbent	1
Solids	5		

Noise Control

- No obviously excessive noise levels were detected during the reporting period.

Sediment Basins A & B

- The erosion problem identified in the previous semiannual report was corrected during this reporting period. No problems are occurring at this time in Basin A.
- The oil boom at the influent end of Basin B was replaced by a new boom during the reporting period. The old boom was relocated in Basin B to further decrease the possibility of oil being released from the basin.
- An undetermined amount of soap was inadvertently discharged into Basin B through NPDES Outfall 007 during the reporting period. The foaming, created when the soapy water splashed onto the concrete pad, was contained by the 1st set of oil booms. Within a short time all soap suds had disappeared and no environmental damage was evident. Followup observations continued for several days and no dead or dying flora or fauna were observed.

Regional Groundwater Dewatering Wells

- The 12 regional groundwater wells were read during the reporting period. Minor changes (#4.0' or less) which occurred in several wells were caused by a fluctuating Mississippi River level. The changes at OW-10 were due to an intrusion of rainwater from runoff. Problems with rainwater intrusion at OW-10 was corrected during the reporting period by installing a pipe extension making the top of casing reading (158.5) 2' higher than the groundlevel.

- The ground surrounding Well OW-4A began eroding near the casing during the reporting period. The situation appeared to be stable at the end of the reporting period.
- Due to flooding, Wells OW-4, OW-4A, and P-4 were not read.
- The perched aquifer wells were read each month during the reporting period. No problems occurred with any well except DW-8. DW-8 had a reading in February which exceeded the design basis groundwater level for the plant. Replacement of the screen and pump and readjustment of the floats immediately brought the reading below 109.0' MSL. The problem has not reoccurred since these modifications were made.

Vegetation Survey

- No vegetational abnormalities were observed during the reporting period.
- Flooding of MP&L lands adjacent to and north of the new Claiborne County Port Road was partly caused by the failure of an inadequately sized culvert. MP&L contacted the Port Commission and asked that they correct the situation. A much larger box culvert was built which should remedy the flooding situation in high water. However, in low water stages which were evident at the end of the reporting period, a large amount of water along with heavy silt concentrations continue to inhibit understory vegetative growth. The possible detrimental effect on the overstory vegetation has not been determined at this time.

Transmission Lines

- The Transmission Line surveys were not completed during the reporting period. They are scheduled to be completed early in the next reporting period.



MISSISSIPPI POWER & LIGHT COMPANY

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August 30, 1985

NUCLEAR LICENSING & SAFETY DEPARTMENT

U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station
Unit 2
Docket No. 50-417
File: 0260/15320
Transmittal of Environmental
Protection Program Report of
Six Months Ending June 30,
1985
AECM-85/2-0010

Attached is a report entitled "Summary of Environmental Protection Program Respecting Construction of Grand Gulf Nuclear Station for Six Months Ending June 30, 1985." This report is submitted as required by Staff Exhibit 2-A referenced in Subsection 3.E.1 of Applicants Construction Permit No. CPPR-119.

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

Yours truly,

L. F. Dale
Director

MLC/JGC:aly
Attachment

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