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November 30, 1983

NUCLEAR PRODUCTION 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
License No. NPF-13
File: 0260/15320
Transmittal of Environmental
Protection Program Report
of Six Months Ending
October 31, 1983
AECM-83/2-0007

Attached is a report entitled "Summary of Environmental Protection Program Respecting Construction of Grand Gulf Nuclear Station for Six Months Ending October 31, 1983." 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 let me know if you have any questions about this report.

Yours truly,

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PDR ADOCK 05000417
R PDR

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

RRJ/GOS:aly
Attachments

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

Mr. T. B. Conner (w/a)
Mr. G. B. Taylor (w/a)

Mr. Richard C. DeYoung, Director (w/a)
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Washington, D. C. 20555

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Summary of Environmental Protection Program
Respecting Construction of Grand Gulf Nuclear
Station (GGNS) for Six Months Ending
October 31, 1983

Construction Highlights

Construction of Unit 2 is 33.2% complete with work limited to engineering and construction, primarily for the purpose of protecting the investment.

During the reporting period, construction emphasis was placed on the following areas:

- o In the Auxiliary Building, piping, conduit installation and concrete placement continued.
- o In the Turbine Building, concrete placement continued, along with installation of cable tray drains.
- o In the Containment Building, piping and steel were installed.
- o In the Control Building, installation of cable trays and conduit was continued and refurbished panels were placed.

Work at the Energy Services Center (ESC) was continued.

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

During the reporting period there were 11 smoke control violations caused by excessive emissions from the burn pit. The monitoring frequency of the burn pit has been increased as a result of these violations.

Erosion Control

Rainfall was recorded on 33 separate occasions during the reporting period, with an accumulated rainfall of 30.86 inches. Runoff samples were collected on 7 of these instances and returned to the Environmental Surveillance Laboratory for suspended solids analysis. Runoff was evident on three additional occasions, but no samples were taken because they occurred on a weekend or holiday.

Noise Control

No noise control violations were detected during the reporting period.

Chemical and Solid Waste Control

No chemical or solid waste control problems were encountered during the reporting period. A contract with Chemical Waste Management, Inc., has been finalized to provide the disposal of chemical and hazardous waste generated at GGNS.

Regional Groundwater Dewatering

The 12 regional groundwater wells and 15 perched aquifer wells were read during the reporting period.

Several significant changes were observed in the regional groundwater readings during the reporting period, but none of the changes were permanent.

The perched aquifer wells were read monthly during the reporting period. The casing for MW-7 was shortened and the new elevation is 140.03 ft. above Mean Sea Level (MSL). Well DW-8 continued to read slightly above the design maximum groundwater level of 109.00 MSL through July. Questions concerning the operability of the Unit I dewatering wells have been forwarded to Nuclear Plant Engineering for an evaluation.

Vegetation

Some minor tree damage caused by tornadic winds occurred in May. Otherwise, no vegetation abnormalities were observed during the reporting period.

Transmission Lines

No transmission lines surveys were conducted during the reporting period.

Sediment Basins A & B

No problems were encountered with either basin during the reporting period. During May and most of June the backwater from Mississippi River flooding completely covered the dam and spillway in Basin "A". There is a notable accumulation of sediment at the influent to both basins.