

Local PDR



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JAN 22 1980

Docket Nos. 50-416
and 50-417

Mississippi Power and Light Company
ATTN: Mr N. L. Stampley
Vice President - Production and Engineering
P. O. Box 1640
Jackson, Mississippi 39205

Gentlemen:

As a result of our continuing Grand Gulf environmental review, we find that we need additional information to complete our evaluation. The specific information required is identified in the enclosure to this letter. Your reply should consist of a sequentially numbered revision to your Final Environmental Report for Grand Gulf Nuclear Station and should be distributed as was the Final Environmental Report.

When we receive the requested information, we will be able to develop a schedule for the remainder of our environmental review.

Sincerely,

Ronald L. Ballard
Ronald L. Ballard, Chief
Environmental Projects Branch 1
Division of Site Safety and
Environmental Analysis

Enclosure:
Request for Additional Information

cc: Service list

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Mark J. Wetterhahn, Jr., Esquire
Conner Moore & Cober
1747 Pennsylvania Avenue, N.W.
Washington, DC 20006

Robert B. McGhee, Esquire
Wise, Carter, Child, Steen & Caraway
P. O. Box 651
Jackson, Mississippi

Bechtel Power Corporation
J. J. Tkacik, Project Engineer
Grand Gulf Nuclear Station
P. O. Box 607
Gaithersburg, Maryland 20760

Mr. Davis M. Starnes
President, Claiborne County
Board of Supervisors
Pattison, Mississippi 39144

Request for Additional Information on Grand Gulf
OL Stage Environmental Report

- 340.10 Page 3.6-1. Provide the name of the non-oxidizing biocide. If the product has not been selected, provide the names of several products from which it might be selected.
- 340.11 Provide the maximum, minimum and average calculated levels of total and free residual chlorine at the discharge, prior to mixing with the Mississippi River, during and after periods of circulating water chlorination.
- 340.12 Page 2.2-1 of the Questions and Responses, Amendment 1. Provide a copy of reference 2.
- 340.13 Page 4.2-3, Amendment 1. Provide a copy of Teels (1976), referenced in the first complete paragraph.
- 340.14 Provide copies of correspondence between MP&L Co. and the State of Mississippi Natural Heritage Program documenting their review of the site and the four new transmission line right-of-ways associated with the construction of the Grand Gulf Nuclear Station.
- 340.15 Provide a discussion of the ultimate disposition of the two sediment retention basins located on site. Indicate whether or not these basins will be retained indefinitely. If not, describe what changes will be made and will they be completed.
- 340.16 Page 4.5.A-2. Provide a copy of the preoperational monitoring report.
- 340.17 Provide a short narrative indicating the progress to date of the Corps of Engineers bank stabilization program downstream of the discharge structure.

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- 340.18 The ER, p. 11.1-2, states that "Several wildlife management practices suggested by the Mississippi Game and Fish Commission and the Mississippi Wildlife Federation have already been implemented." Please specify what these practices are and when they were implemented.
- 340.19 What will be the final disposition of the 30 acre borrow pit located in the bottom land (see Table 4.1.1)?
- 340.20 Has the Grand Gulf Nuclear Power Plant's (GGNPP) resident biologist been involved with:
- a) routing the Ray Braswell transmission line?
 - b) helping mitigate potential detrimental environmental impacts during construction of the Ray Braswell transmission line?
- 340.21 Will the resident biologist be involved in monitoring all transmission lines emanating from the GGNPP during the operating life of the plant?
- 350.1 What is Middle South Utilities peak for 1979?
- 350.2 What is MSU's 1978 actual net energy for load and year to date net energy for load for 1979?
- 350.3 Send information describing MSU load forecasting model (including variables included).
- 350.4 Refer to Table 9.4.3 in Final Environmental Report:
- a) What is cost of nuclear fuel in current dollars in each year 1981-1984?
 - b) What is the O & M used for nuclear in each year 1981-1984 (current dollars)?
 - c) What is price of U_3O_8 imbedded in fuel cycle costs (what are terms of contract - i.e. escalation).
- 350.5 Supply per cent generation by fuel for 1979 for Middle South.

- 350.6 Refer to answer to questions 300.1
- a) What is BTU content of each fuel?
 - b) What is heat rate of each unit?
 - c) What fuel is replacement for Grand Gulf in the delay scenario and what is O & M of these units?
- 350.7 Provide an estimate of the average annual number of workers that will be required for the operation of the two units.
- 350.8 Identify the likely residential location (i.e., names of communities, counties) of the operating workers.
- 350.9 Identify any anticipated impacts on the affected communities' facilities and services (i.e., schools, hospitals, water and waste treatment, fire, police) that would result from the operating workers residence. List facilities and services that would require expansion or additions to capacity.
- 350.10 Provide an estimate of the average annual operating workers payroll for the two units.
- 350.11 Provide an estimate of the average annual dollar amount of local purchases of materials and supplies resulting from the operation of the two units. Include a definition of the local area in preparing the estimate (i.e., counties, major towns, nearest SMSA).
- 350.12 In tabular form provide a dollar estimate of the taxes attributable to the two units of Grand Gulf Station. For each of the units first five full years of operation, provide the dollar estimates by type of tax and by taxing jurisdictions. What percent of the jurisdictions' total tax revenues are represented by the taxes attributable to the Grand Gulf Station?
- 350.13 Provide copies of the report referenced on pages 2.6-2 and 2.6-3.

350.14. When completed, provide a copy of the ongoing study related to possible future disposition of the Callendar House located on the site.

350.15 Provide the enclosures to the letter from James Stone to Ms. Myra Harrison dated June 27, 1973. (A copy of the letter itself was provided to us earlier by your staff without the enclosures.)