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

NOV 16 1979

Docket Nos.: 50-416
and 50-417

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

Dear Mr. Stampley:

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION
(Grand Gulf Nuclear Station, Units 1 and 2)

As a result of our review of the information contained in the Final Safety Analysis Report for the Grand Gulf Nuclear Station, Units 1 and 2, we have developed the enclosed requests for additional information.

We request that you amend your Final Safety Analysis Report to reflect your responses to the enclosed requests by January 31, 1981. If you cannot meet this date, please advise us of the date you can meet as soon as possible so that we may consider the need to revise our review schedule.

Please contact us if you desire any discussion or clarification of the enclosed requests.

Sincerely,

Robert L. Baer

Robert L. Baer, Chief
Light Water Reactors Branch No. 2
Division of Project Management

Enclosure:
Requests for Additional
Information

cc: See next page

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

ccs: Mr. Robert B. McGehee, Attorney
Wise, Carter, Child, Steen and
Caraway
P. O. Box 651
Jackson, Mississippi 39205

Troy B. Conner, Jr., Esq.
Conner, Moore and Corber
1747 Pennsylvania Avenue, N. W.
Washington, D. C. 20006

Mr. Adrian Zaccaria, Project Engineer
Grand Gulf Nuclear Station
Bechtel Power Corporation
Gaithersburg, Maryland 20760

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ROUND TWO QUESTIONS FOR
GRAND GULF NUCLEAR STATION
UNIT NOS. 1 AND 2

320.17 Your response to question 320.15 should indicate whether the design provisions indicated, pertaining to explosions and leakage paths, are provided in the portion of the main condenser evacuation system upstream of the steam jet air ejector low-temperature system, i.e., the portion of the MCES which includes the air ejectors and associated piping.

320.18 In addition to the information provided in response to Question 320.10 (d)(1)(c), indicate

(a) Your provisions to obtain representative test specimens of wastes to be solidified (spent resin, evaporator bottoms, etc) prior to the solidification process;

(b) Your system provisions in the event that process parameters of the waste to be solidified does not fall within the boundary conditions determined by your generic tests.

320.19 You indicate in the response to Item 320.7(4) that there are retaining basins around the condensate storage tank and refueling water storage tank. Indicate the disposition of any water which might get into these basins.

320.20 Provide the following information concerning Table 11.5.3 which was provided in response to Item 320.11

(a) For the tanks outside the buildings (condensate storage tank

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320.20 and refueling water storage tank) sampling should be for radionuclide identification as well as gross activity.

(b) Indicate that grab sampling will be done for gross activity and radionuclide identification for the laboratory and sample system wastes.

(c) Indicate monitoring and sampling provisions of the spent fuel pool treatment system.

(d) Indicate monitoring and sampling provisions of the plant service water system.

(e) The liquid radwaste effluent grab sample provisions should also include tritium sampling.

(f) For the gaseous ventilation systems, there are numerous discrepancies between the criteria of SRP 11.5, Table 1A and your Table 11.5-3. Indicate your basis for deviating from Table 1A and the methods you will use to ensure that all release point monitoring will be commensurate with that required in Table 1A. These release points include the containment drywell, radwaste building, auxiliary building, turbine building and fuel handling ventilation systems and the main condenser evacuation system.

321.21 Your response to Item 320.16 is not acceptable. You should provide the following:

(a) An estimate of the number of days per year that the emergency laundry will be in use;

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320.21 (b) Your provisions to assure that radioactivity from this system will not contaminate the domestic water system;

(c) Comparison of the system input flow to the system capacity;

(d) More detail with regard to how the system design of the emergency laundry system meets the provisions of Regulatory Guide 1.143; and

(e) Sampling of the laundry waste monitoring tank is not adequate. You should provide a monitor, with an alarm, on the discharge from the system.

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