



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

November 9, 1984

Docket No. 50-416

Mr. J. B. Richard
Senior Vice President, Nuclear
Mississippi Power & Light Company
P.O. Box 23054
Jackson, Mississippi 39205

Dear Mr. Richard:

Subject: Grand Gulf Unit 1 Remote Shutdown Panel

Your letter dated December 28, 1983, provided a description of the isolation of control circuits in the Division I remote shutdown panel from control room circuits in the event of a control room fire.

The NRC staff has reviewed the December 28, 1983, letter. Additional information described in the Enclosure is needed to complete our evaluation. In order to meet the schedule for completion of this license condition, you are requested to provide this information by December 24, 1984. If you cannot meet this date, please advise the NRC Project Manager, L. L. Kintner at (301) 492-7038 within 7 days of receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Elinor G. Adensam, Chief
Licensing Branch No. 4
Division of Licensing

Enclosure
As stated

cc: See next page

DESIGNATED ORIGINAL

Certified By

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GRAND GULF

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ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION
GRAND GULF NUCLEAR STATION

By letter dated Dec. 28, 1983, a description was provided of the provisions proposed for isolating Division I remote shutdown panel control circuits from potential damage due to a control room fire.

The majority of the loads associated with remote shutdown would be expected to be pumps and valves that require only momentary contact closure to effect a change in their operating status. For such loads the proposed transfer scheme is acceptable. However, if the operating status of a load is dependent on maintaining control power to the load or to load control devices remote from the control room, transfer of control to the remote shutdown panel may result in a change in the operating status of the load and may be detrimental to safe shutdown. Therefore, the following information is requested:

1. Identify any loads for which their operational status following transfer of control to the remote shutdown panel is dependent on position of remote shutdown control switches prior to the transfer.
2. For the loads identified in 1 above, a) describe any additional changes to be implemented to preclude the potential that loads could change state due to transfer of controls, or b) provide a justification that such changes in operational status would not have a detrimental impact on safe shutdown.

3. The transfer scheme for the control of loads is not generally directly compatible for use with analog measurements. Therefore, describe the means by which transfer switches are used to assure that analog indicators at the remote shutdown panel will be suitably isolated from that portion of such circuits subject to potential damage due to control room fire.