



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

MAR 26 1981



Docket Nos.: 50-416/417

Mr. J. P. McGaughy, Jr.  
Assistant Vice President - Nuclear Production  
Mississippi Power and Light Company  
P. O. Box 1640  
Jackson, Mississippi 39205

Dear Mr. McGaughy:

SUBJECT: SEISMIC INPUT PROVIDED BY BECHTEL FOR INDEPENDENT ANALYSIS  
OF GRAND GULF

As you are aware, we have instituted a program of performing an independent structural analysis of the Grand Gulf Nuclear Station. This analysis is being performed by our contract personnel at EG&G/Idaho National Engineering Laboratory (EG&G). We have recently been notified that the rotational component of acceleration, supplied by Bechtel Corp. for use as seismic input to the analysis, appears to be incorrect. In recent telephone discussions, EG&G personnel were informed by Mr. Ron Beck of Bechtel that the apparent error had been identified and was being corrected. By letter dated March 12, 1981 Bechtel submitted the corrected time histories to EG&G for use in their seismic analysis.

In view of the above, a question has been raised as to whether the incorrect seismic input resulted from a generic error in a computer program used by Bechtel for Grand Gulf analyses, or rather from an isolated computational mistake. Accordingly, you are requested to verify that the above computational error detected by EG&G has no bearing on other aspects of structural analysis performed for Grand Gulf plant structures by Bechtel.

Sincerely,

Robert L. Tedesco, Assistant Director  
for Licensing  
Division of Licensing

cc: See next page.

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