

January 12, 1982

Docket Nos. 50-416
and 50-417

Mr. J. P. McGaughy, Jr.
Assistant Vice President
Nuclear Production
Mississippi Power & Light Company
Post Office Box 1640
Jackson, Mississippi 39205



Dear Mr. McGaughy:

Subject: Potential Impact on Licensing Schedule for Grand Gulf, Unit 1 -
Late Response on Hydrogen Control

At a meeting in Bethesda on December 21, 1981 on the subject of hydrogen control at Grand Gulf, we were informed by MP&L that your submittal of a substantial amount of information we had requested on this issue would be delayed until early to mid-January, 1982. By your previous letter of August 31, 1981 and our request of November 6, 1981, we had expected, but did not receive, some of this information in October, 1981 and the remainder by December 15, 1981.

This overdue information is required for us to complete our evaluation of the interim position on hydrogen control and includes CLASIX-3 sensitivity studies, local detonation calculations, containment mixing sensitivity studies and test plan, combustion phenomena testing and equipment survivability analysis.

As you are aware, the October 20, 1981 ACRS interim report on Grand Gulf identified hydrogen control as one of the two outstanding issues that requires sufficient resolution prior to the Committee's review of Grand Gulf for full power operation. Based on a December 15, 1981 submittal from MP&L of all requested information on the hydrogen control issue, we had scheduled the issuance of a Supplemental Safety Evaluation Report (SSER) on the resolution of this matter by February 26, 1982. This would have permitted the Committee to schedule the full power operation review of Grand Gulf in March or April. With your currently projected delay in submitting this information, a corresponding one month delay in our evaluation schedule and subsequent ACRS review should be expected by you.

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J. P. McGaughy

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By this letter we urge you to apply the necessary resources to provide the NRC staff with the required additional information on hydrogen control as soon as possible to minimize further licensing delay.

Sincerely,

Original signed by
Robert L. Tedesco

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

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