



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

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June 24, 1985

NUCLEAR LICENSING & SAFETY DEPARTMENT

U. S. Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation  
Washington, D. C. 20555

Attention: Mr. Harold R. Denton, Director

Dear Mr. Denton:

SUBJECT: Grand Gulf Nuclear Station  
Units 1 and 2  
Docket Nos. 50-416 and 50-417  
License No. NPF-29  
File: 0260/0272/0756  
Proposed Schedule for Meeting  
Hydrogen Rule Requirements  
AECM-85/0182

On January 25, 1985, the Nuclear Regulatory Commission (NRC) published 10CFR50.44, the "Final Hydrogen Rule". The rule requires Mississippi Power and Light (MP&L) to develop and submit by June 25, 1985, a proposed schedule for meeting the Hydrogen Rule Requirements.

MP&L has developed a proposed schedule based on tasks identified in the Hydrogen Control Owners Group (HCOG) Program Plan. The proposed schedule is based on a detailed generic schedule recently prepared by HCOG and includes the completion of plant specific work. MP&L believes that completion of work identified in the HCOG Program Plan will satisfy the rule requirements and resolve the degraded core hydrogen control issue for Grand Gulf.

In developing this schedule, HCOG and MP&L have taken steps to complete as much work as possible in parallel in order to minimize task durations. However, many tasks must be completed prior to the initiation of other tasks, making it necessary to identify the critical path for the program. The attached schedule reflects the end result of this effort.

Several key assumptions were made during the development of the proposed schedule. These include the following: no significant changes to the HCOG Program Plan based on test results and HCOG/NRC interactions, no test program for drywell analysis, and no additional equipment protection or enhancements to meet equipment survivability requirements.

An integral part of the overall program is the quarter scale combustion testing. The overall schedule is extremely sensitive to any delays in the testing schedule. Because of the magnitude of this testing effort, there are inherent uncertainties in the schedule.

MP&L will revise the schedule based upon unavoidable delays in testing or based upon NRC required changes in the program.

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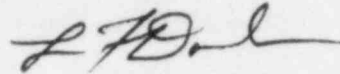
Member Middle South Utilities System

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MP&L believes that the information and schedule provided in this letter meet the requirements of 10 CFR 50.44(c)(3)(vii)(a).

Should you have any questions concerning this schedule, please contact us.

Yours truly,



L. F. Dale  
Director

MJM/GWS/SHH:dmm  
Attachment

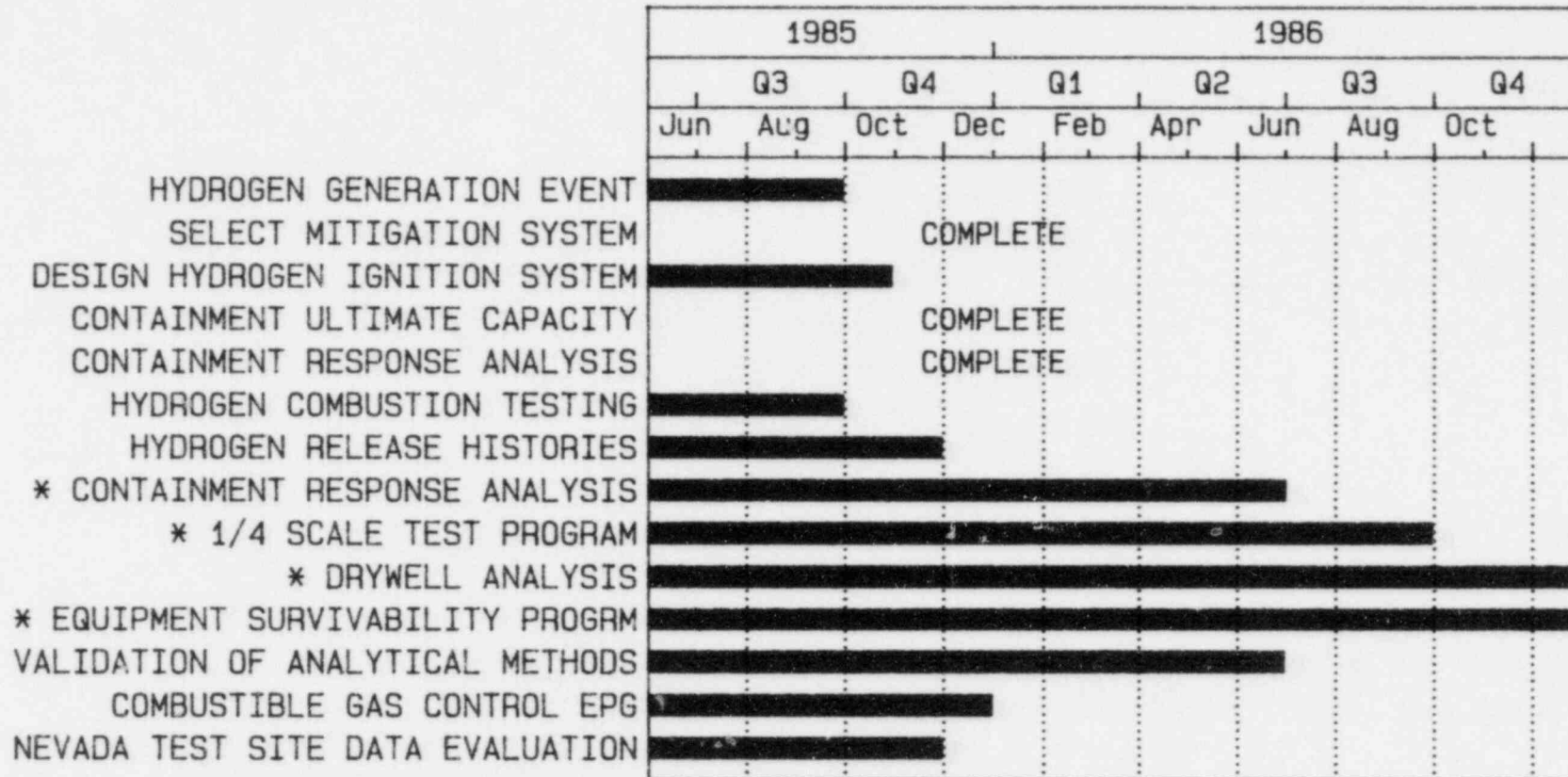
cc: Mr. J. B. Richard (w/a)  
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# HYDROGEN CONTROL PROGRAM GENERIC AND PLANT SPECIFIC

## TASK DESCRIPTION



TASK DESCRIPTIONS ARE PROVIDED IN MORE DETAIL IN THE HYDROGEN CONTROL OWNERS GROUP PROGRAM PLAN.

\* THESE ITEMS ARE THE TASKS WITH THE GREATEST SENSITIVITY TO UNCERTAINTIES.