



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

September 6, 1983

NUCLEAR PRODUCTION DEPARTMENT

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

Attention: Mr. D. G. Eisenhower, Director

Dear Mr. Eisenhower:

SUBJECT: Grand Gulf Nuclear Station  
Units 1 and 2  
Docket Nos. 50-416 and 50-417  
License No. NPF-13  
File 0025/L-860,0/0272  
Schedule for Response to NRC  
Generic Letter 83-28  
AECM-83/0491

- REFERENCES: 1) Letter, D. G. Eisenhower to All Licensees of Operating Reactors et al, "Required Actions Based on Generic Implications of Salem ATWS Events (Generic Letter 83-28)," July 8, 1983
- 2) Letter, T. J. Dente to D. G. Eisenhower, "Schedule for Submittals in Response to NRC Generic Letter 83-28," September 2, 1983, BWROG 83-29

This letter requests an extension of time for the submittal in response to the NRC letter (Reference 1) for the Grand Gulf Nuclear Station (GGNS). Mississippi Power & Light Company (MP&L) is a member of the BWR Owner's Group (BWROG) and is considering participating in the program described in Reference 2. This program should provide an efficient, well-considered approach to address the NRC concerns of Reference 1. In order to best evaluate the program being developed and possibly utilize the results of this effort an extension of the time for the requested submittals is needed.

In parallel with the BWROG program, MP&L is assessing the capabilities of GGNS with respect to the NRC-proposed actions. A summary of the current GGNS status for each of the identified areas is provided below.

1. Post-trip Review - The GGNS Scram Recovery procedure currently requires that the cause of the scram is known and that any required maintenance and testing activities to correct the cause have been completed prior to restart. Additionally, a post-trip analysis procedure has been drafted and is currently under review. MP&L will review this procedure against the 'key elements' identified in the Salem Restart SER.

8309080212 830906  
PDR ADOCK 05000416  
P PDR

Boo 3  
1/0

2. Equipment Classification and Vendor Interface - GGNS is currently using the Q-list developed by the architect-engineer during the design phase of the Plant. A new computerized equipment list is being developed to define the safety classification of components in 77 (including all safety related systems) of the approximately 130 systems in GGNS. The new list will clearly identify the basis for the classification and safety significance of the component. The Reactor Protection System is currently identified as a safety-related Q-list system. A description of the information handling and vendor interface programs will be provided in a future submittal.
3. Post-Maintenance Testing - Maintenance and test procedures are in place at GGNS. MP&L also intends to monitor the various BWROG committee activities and other utilities programs which are evaluating less frequent test requirements.
4. Reactor Trip System Reliability - The intermediate-term action applicable to BWRs in this category has to do with the on-line functional testing of the scram pilot valves and the backup scram valves. GGNS currently has a technical specification requirement for on-line testing of the scram pilot valves (test for maximum control rod insertion time).

Because of our existing capabilities and because BWR plants do not share the design features which failed at the Salem plant, we consider a time extension to have no significant impact on public health and safety.

While evaluating and possibly participating in the BWROG program, we will be evaluating our plant capabilities in more detail. After completion of the BWROG-developed guidelines for assessing plant capabilities in response to Reference 1, we will develop the NRC requested documentation of our plant assessment and submit this response to the NRC by February 29, 1984.

Please advise us if you wish to discuss our response program in detail.

Yours truly,

*Sam H Hobbs*  
for L. F. Dale  
Manager of Nuclear Services

FGB/SHH:sap

cc: (See Next Page)

## MISSISSIPPI POWER &amp; LIGHT COMPANY

cc: Mr. J. B. Richard  
Mr. R. B. McGehee  
Mr. T. B. Conner  
Mr. G. B. Taylor

Mr. Richard C. DeYoung, Director  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Mr. J. P. O'Reilly, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N.W., Suite 2900  
Atlanta, Georgia 30303