



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39215-1640

September 30, 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  
Unit 1  
Docket No. 50-416  
License No. NPF-29  
File: 0260/0189  
GGNS Status for Meeting the  
10 CFR 50.49 Deadline;  
Environmental Qualification  
of Electrical Equipment  
Ref: AECM-84/0531  
AECM-85/0042  
MAEC-85/0280  
MAEC-85/0102  
AECM-85/0309

By letter dated March 27, 1985 from H. R. Denton to J. B. Richard, the NRC Staff granted Mississippi Power & Light Company's (MP&L) request for an extension of the environmental qualification deadline until November 30, 1985 for 8 items of equipment at the Grand Gulf Nuclear Station (GGNS). In light of the recently issued Generic Letter 85-15, MP&L wishes to update the NRC Staff on the qualification status of the 8 items and to reaffirm MP&L's intent to complete qualification of these items by November 30, 1985. The qualification status for each of these 8 items is as follows:

1. Rosemount Model 1151 Transmitters - Qualified replacement transmitters have been installed and qualification documentation is complete.
2. Rosemount Model 1152 "T0280" Transmitters - Qualified replacement transmitters have been installed and qualification documentation is complete.
3. ASCO Solenoid Valves (Main Steam Isolation Valves) - Qualified replacement solenoid valves have been installed and qualification documentation is complete.

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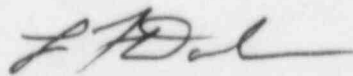
4. Seitz Solenoid Valves (Main Steam Safety/Relief Valves) - Qualified replacement solenoid valves will be installed during the GGNS Fall outage scheduled to commence on October 12, 1985. Qualification testing has been completed and the qualification documentation is currently under review by MP&L's engineering staff.
5. SGTS Heaters and Controls - Qualified replacement components have been installed and qualification documentation is complete.
6. Gould-Brown Boveri 480 Volt Load Centers - Successful qualification testing has been performed and qualification documentation is complete.
7. Hydrogen Recombiner Power Supplies - Successful qualification testing has been performed and qualification documentation is complete.
8. Klockner-Moeller 480 Volt Motor Control Centers - Successful qualification testing has been performed and qualification documentation is complete.

The environmental qualification documentation on the above SRV Seitz Solenoid Valves is scheduled for completion prior to November 30, 1985 and therefore, no further extension beyond this date is presently anticipated.

In addition, MP&L was recently notified by General Electric (GE) of a testing concern involving certain Limitorque valve motor operators having magnesium short circuit rings. The qualification testing on these motors was not being performed for GGNS; however, MP&L uses similar motors at GGNS and will continue to monitor this concern for any potential GGNS involvement. GE has directly notified the NRC Staff on this matter.

Please advise if you require any additional information on this matter.

Yours truly,



L. F. Dale  
Director

SAB/MLC/JGC:bms  
Attachment

cc: (See next page)

cc: Mr. J. B. Richard (w/a)  
Mr. O. D. Kingsley, Jr. (w/a)  
Mr. R. B. McGehee (w/a)  
Mr. N. S. Reynolds (w/a)  
Mr. H. L. Thomas (w/o)  
Mr. R. C. Butcher (w/a)

Mr. James M. Taylor, Director (w/a)  
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