



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

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March 7, 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/L-814.1  
Ref: AECM-84/0531  
AECM-85/0042  
Current Outage Actions for  
Environmental Qualification  
AECM-85/0073

By letters to the NRC, dated December 21, 1984 (AECM-84/0531) and February 7, 1985 (AECM-85/0042), Mississippi Power & Light Company (MP&L) requested extensions beyond the 10CFR50.49 environmental qualification deadline of March 31, 1985 for completing qualification on certain components. At the time the extensions were requested, replacement of electrical equipment with available qualified components was being planned for implementation during an outage scheduled in the April - June, 1985 time frame. Grand Gulf Nuclear Station (GGNS) is currently in a forced outage (primarily to repair the main condenser) scheduled to end March 27, 1985. The environmental qualification work planned for the April-June 1985 outage is being performed during the current condenser repair outage to the extent that material availability will allow. As requested by Mr. Les Kintner (GGNS-NRC Project Manager) in a teleconference on February 28, 1985, MP&L is hereby formally documenting its intent to replace certain components, which are subject to 10CFR50.49 qualification, during the current outage.

The subject Rosemount model 1151 and 1152 "T0280" (except E32-N050 and E32-N058 which have not been received from the vendor) transmitters, the MSIV ASCO solenoid valves, and the standby gas treatment system heaters and controls are being replaced during the current outage. However, the final qualification of these replacement components is dependent on the receipt, review and approval by MP&L of supporting environmental qualification documentation. There is uncertainty as to whether all of these actions can be completed by March 31, 1985. In addition, for the replacement MSIV ASCO solenoids, review and approval of the seismic qualification documentation must also be completed.

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The 480 volt load centers, the hydrogen recombiner power supplies, and the motor control centers are being subjected to qualification testing and evaluation, and no component replacement is planned. The SRV Seitz solenoid valve replacements are presently undergoing testing and qualified replacements are not available at this time.

The two remaining Rosemount transmitters and the SRV Seitz solenoid valves are scheduled to be replaced, depending on qualified equipment availability, prior to November 30, 1985.

The previously submitted extension requests, as modified above, are still considered necessary to assure compliance with 10CFR50.49(g).

Please contact this office if you require any additional information.

Yours truly,



I. F. Dale  
Director

SAB/JGC:rg

cc: Mr. J. B. Richard  
Mr. R. B. McGehee  
Mr. N. S. Reynolds  
Mr. G. B. Taylor

Mr. James M. Taylor, Director  
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