

October 19, 1984

Docket No. 50-416

Mr. J. B. Richard  
Senior Vice President, Nuclear  
Mississippi Power & Light Company  
P.O. Box 23054  
Jackson, Mississippi 39205

Dear Mr. Richard:

Subject: Grand Gulf Unit 1 Testing and Use of the RHR System  
in the Steam Condensing Mode

DISTRIBUTION:

Docket No. 50-416

NRC PDR  
Local PDR  
PRC system  
LB #4 r/f  
EAdensam  
MDuncan  
LKintner  
MFields  
WButler  
Attorney, OELD  
DLJordan, I&E                   ACRS (16)  
JNGrace, I&E  
WButler

Your letter dated September 13, 1984, requested approval of changes in the planned testing and use of the RHR system in the steam condensing mode.

The FSAR, Chapter 14, states these tests will be run after 10% power is achieved. However, because of unresolved concerns raised in 1982 regarding the loads produced by steam condensation in the wet well should the RHR relief valve open in the steam condensing mode, MP&L committed by letter dated August 19, 1982, that the steam condensing mode would not be used until the resolution of these concerns was approved by the NRC staff. Because of a damaged pipe in the Division 2 RHR system, the steam condensing mode for Division 2 is inoperable.

Your letter of September 13, 1984, requests that tests of the steam condensing mode for Division 2 of the RHR system be delayed until an outage of sufficient duration to allow a repair of the RHR piping. The deferral of this test for Division 2 would be a change to the startup test program as defined in the FSAR and, therefore, requires NRC approval in accordance with License Condition 2.C.(40). The deferral of this test will be considered separately.

Your letter of September 13, 1984, also requests that tests be permitted of the steam condensing mode on Division 1 of the RHR. By letter dated September 7, 1984, MP&L has submitted a report giving results of an analysis of condensation oscillation loads from RHR relief valve discharges and concluded the loads are acceptable.

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PDR ADOCK 05000416  
P PDR

The NRC staff's evaluation of this report is enclosed. The staff concludes that the tests requested in your September 13, 1984, letter for Division 1 of the RHR system are acceptable.

Sincerely,

Original Signed By  
Thomas M. Novak

Thomas M. Novak, Assistant Director  
for Licensing  
Division of Licensing

Enclosure:  
As stated

cc: See next page

*JK*  
DL:LB #4  
LKintner/hmc  
10/18/84

LA:DL:JB #4  
MDuncan  
10/18/84

*9*  
DL:LB #4  
EAdensam  
10/19/84

*T*  
AD:DL  
TNovak  
10/19/84

GRAND GULF

Mr. J. B. Richard  
Senior Vice President, Nuclear  
Mississippi Power & Light Company  
P.O. Box 23054  
Jackson, Mississippi 39205

cc: Robert B. McGehee, Esquire  
Wise, Carter, Child, Steen and Caraway  
P.O. Box 651  
Jackson, Mississippi 39205

The Honorable William J. Guste, Jr.  
Attorney General  
Department of Justice  
State of Louisiana  
Baton Rouge, Louisiana 70804

Nicholas S. Reynolds, Esquire  
Bishop, Liberman, Cook, Purcell  
and Reynolds  
1200 17th Street, N.W.  
Washington, D. C. 20036

Mr. Ralph T. Lally  
Manager of Quality  
Middle South Energy, Inc.  
225 Baronne Street  
P.O. Box 61000  
New Orleans, Louisiana 70161

Mr. Larry Dale, Director  
Nuclear Licensing and Safety  
Mississippi Power & Light Company  
P.O. Box 23054  
Jackson, Mississippi 39205

Mr. R. W. Jackson, Project Engineer  
Grand Gulf Nuclear Station  
Bechtel Power Corporation  
Gaithersburg, Maryland 20760

Mr. Alan G. Wagner  
Senior Resident Inspector  
Route 2, Box 399  
Port Gibson, Mississippi 39150

James P. O'Reilly, Regional Admin.  
U.S. Nuclear Regulatory Commission,  
Region II  
101 Marietta Street, N.W., Suite 2900  
Atlanta, Georgia 30323

Mr. J. E. Cross, General Manager  
Grand Gulf Nuclear Station  
P.O. Box 756  
Port Gibson, Mississippi 39150