



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

P. O. BOX 1640, JACKSON, MISSISSIPPI 39205

July 21, 1981

NUCLEAR PRODUCTION 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  
File 0260/0277/0755/L-860.0  
Regulatory Guide 1.97, Rev. 2  
AECM-81/225

Mississippi Power & Light Company (MP&L) has reviewed Revision 2 of Regulatory Guide 1.97, Instrumentation for Light-Water-Cooled Nuclear Power Plants to Assess Plant and Environs Conditions During and Following an Accident.

It is the intent of MP&L to comply fully with the detailed requirements of Regulatory Guide 1.97 or to provide adequate justification to the Nuclear Regulatory Commission on a case-by-case basis for the use of an alternate approach. In accordance with the applicable schedule requirements of Section D, Implementation of the guide, such compliance will be accomplished by June, 1983.

In addition, in further compliance with Section D of the guide, MP&L will meet the requirements of NUREG-0737 and the Commission Memorandum and Order CLI-80-21 prior to fuel load. Details of MP&L compliance with NUREG-0737 may be found in Chapter 18 of the FSAR which was provided by letter submittal on June 12, 1981, in AECM-81/153 and which has since been submitted as a part of Amendment 49 to the Grand Gulf FSAR. In particular, the MP&L position on NUREG-0737, Item II.F.1, is directly applicable to Regulatory Guide 1.97 and is discussed in FSAR Subsection 18.1.27.

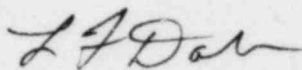
Regarding the Quality Assurance requirements identified in Regulatory Positions C.1.3.1e and C.1.3.2d of Regulatory Guide 1.97, the NRC has accepted (May 22, 1981 letter from W. Haass to T. Reaves) MP&L's Operational Quality Assurance Topical Report MPL-TOP-1A, Revision 2, which addresses all of the regulatory guides referenced in the above regulatory positions. The application of these guides to instrumentation

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at the Grand Gulf Nuclear Station is delineated in Policy 12 and the Appendix to the MP&L Operational Quality Assurance Program. The Quality Assurance aspects of Regulatory Guide 1.97 have therefore been properly addressed by a previously approved program which, in the event of any conflict, will take precedence over those portions of Regulatory Guide 1.97.

Yours truly,



L. F. Dale  
Manager of Nuclear Services

WWK/SHH/JDR:ad

cc: Mr. N. L. Stampley  
Mr. R. B. McGehee  
Mr. T. B. Conner  
Mr. G. B. Taylor

Mr. Victor Stello, Jr., Director  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555