



MISSISSIPPI POWER & LIGHT COMPANY

Helping Build Mississippi

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July 13, 1984

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-13
File 0260/L-860.0
ICSB Concerns Regarding
Instrumentation in
Technical Specifications
AECM-84/0356

Mississippi Power & Light Company (MP&L) is providing this letter in response to an informal request from Mr. Marty Virgilio of your staff regarding the instrumentation review conducted concurrent with the Technical Specification Review Program (TSRP). The instrumentation review involved a review of the definition and application of the terms "channel," "trip system," and "trip function" as used in the Grand Gulf Technical Specifications (GGTS), the methods for determining the minimum channels required to be operable and the methods used to place a channel in the tripped condition. The results of this review were provided to the NRC in MP&L letters AECM-83/0519, dated September 12, 1983, AECM-83/0764, dated December 15, 1983, and AECM-84/0093, dated May 8, 1984. Although this review was in progress at the time the TSRP was initiated, it was tracked as part of the TSRP as Technical Specification Problem Sheet (TSPS) 034 and was conducted in parallel to the more comprehensive TSRP review of technical specification instrumentation. The instrumentation review as well as the TSRP generated additional problem sheets identifying instrumentation discrepancies which have either been dispositioned by the NRC as requiring no technical specification change or submitted by MP&L as proposed changes to the technical specifications.

In addition to the TSRP review, several other reviews were conducted to provide independent assessments of the effectiveness of the TSRP. Some of these reviews, as discussed below, provided added assurance of the adequacy of the instrumentation contained in the GGTS.

- (1) A comparison of the Kuosheng Technical Specifications versus the GGTS was performed which revealed no significant omissions from the Grand Gulf Nuclear Station (GGNS) Technical Specification. (See MP&L letter AECM-84/0329, dated June 18, 1984.)

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- (2) A confirmatory unique features review was performed which included:
- (a) A comparison of the GGNS FSAR to the WPPSS-2 FSAR to identify features unique to GGNS which might have been inadvertently omitted from the GGNS Technical Specifications. No such unique features were identified in the review.
 - (b) A review of the GGNS FSAR accident analyses in Chapters 6 and 15 to identify design features for which credit was taken in the accident analyses but which had not been appropriately included in the technical specifications. No such design features were identified in the review.

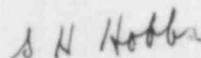
This review was provided to the NRC in MP&L letter AECM-84/0274, dated July 5, 1984.

- (3) A final overview review by General Electric (GE) of the MP&L and Bechtel portions of the TSRP identified no significant omissions in the findings of the TSRP. This GE review was provided to the NRC in MP&L letter AECM-84/0302, dated June 8, 1984.

As a result of the above reviews, MP&L is confident that instrumentation requirements for GGNS will be adequately and accurately addressed by the technical specifications when the proposed changes, submitted as a result of the TSRP, are incorporated.

If you have any questions or require additional information, please contact this office.

Yours truly,



S. H. Hobbs
Manager, Nuclear Safety & Compliance

SHH:dmb

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