



# MISSISSIPPI POWER & LIGHT COMPANY

*Helping Build Mississippi*

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O. D. KINGSLEY, JR.  
VICE PRESIDENT - NUCLEAR OPERATIONS

October 13, 1986

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  
License No. NPF-29  
SERI License Amendment, Offsite  
Power Interface with GGNS  
AECM-86/0327

On September 2, 1986, Mississippi Power & Light Company (MP&L) applied to amend the Grand Gulf Nuclear Station (GGNS) Unit 1 operating license and Unit 2 construction permit for System Energy Resources, Inc. (SERI, formerly Middle South Energy, Inc.) to assume responsibility for operation and construction of the plant. MP&L met with members of your staff on October 2, 1986 to discuss the proposed amendment and submitted additional information on October 4, 1986.

Since then, further discussion indicates that questions remain on the issue of offsite power supply and compliance with General Design Criterion 17 of Appendix A to 10CFR50. As noted in MP&L's October 4 submittal (Question 2), the proposed amendment has no affect on the design of the offsite power system or its operation and maintenance; therefore, compliance with General Design Criterion 17 is unchanged. As discussed with your staff on October 4, a written agreement will be established to formalize existing arrangements regarding switchyard and transmission facility activities. Based on discussions with your staff, the written agreement will include training and procedural provisions for dispatcher personnel regarding the offsite power supplies to GGNS.

This letter documents discussions held October 10, 1986 with Mr. R. E. Martin of your staff. The attachment provides information on this subject to support your review of our application.

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Yours truly,

ODK:bms  
Attachment

cc: (See Next Page)

J16AECM86101301 - 1 Member Middle South Utilities System

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cc: Mr. T. H. Cloninger (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)  
Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dr. J. Nelson Grace, Regional Administrator (w/a)  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., N. W., Suite 2900  
Atlanta, Georgia 30323

OFFSITE POWER SUPPLY  
AND  
GDC-17 COMPLIANCE

This information is provided to document discussions of October 10, 1986 with the NRC's Mr. R. E. Martin and to support the NRC review of MP&L's application dated September 2, 1986 regarding System Energy Resources, Inc. In the response to Question 2 submitted on October 4, 1986 (MP&L letter No. AECM-86/0314), arrangements for offsite power supply and the MP&L/SERI interface were discussed. This discussion covered:

- (1) Existence of separate contracts between MP&L and Middle South Energy, Inc. (MSEI) in which MP&L contractually agreed to provide power to MSEI. These contracts are equally binding between MP&L and SERI.
- (2) Existing arrangements on operation, maintenance, planned outages, and design changes to the switchyard and associated transmission facilities.
- (3) Planned execution of a written agreement to formalize existing arrangements as the future interface between SERI and MP&L.

In recent discussions with the NRC Staff, questions were raised regarding assurance that the offsite power supply for GGNS would be given preference over other demands in the event of an emergency.

The terms and conditions of existing contracts between MP&L and SERI (formerly MSEI) include the following statement: "Company (MP&L) will use reasonable diligence to supply steady and continuous service but does not guarantee the service against irregularities or interruptions."

As discussed with the NRC Staff, it is not feasible to modify this language in any substantive manner to require MP&L to further guarantee power since MP&L cannot provide an absolute guarantee. To assure that offsite power for GGNS is given an appropriate priority, the written agreement defining arrangements between MP&L and SERI will include provisions for there to be switching instructions and/or procedures used by the MP&L dispatcher and the system dispatcher identifying the need for planned outages to be coordinated with the GGNS shift superintendent and identifying the critical nature of providing offsite power to GGNS. In addition, dispatchers will be specifically trained on these instructions, procedures, policies, and the reasons for their implementation. This training will be provided on a routine basis.

A copy of the final agreement will be provided to the NRC when available. The NRC Staff will be periodically updated on our progress on the development of the agreement. Chapter 8 of the Updated FSAR will be revised as necessary to reflect the MP&L/SERI interface. These changes will be incorporated in the December 1987 revision of the Updated FSAR.