

December 15, 1987

Docket No.: 50-416

DISTRIBUTION

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Mr. Oliver D. Kingsley, Jr.  
Vice President, Nuclear Operations  
System Energy Resources, Inc.  
Post Office Box 23054  
Jackson, Mississippi 39205

Dear Mr. Kingsley:

SUBJECT: ISSUANCE OF AMENDMENT NO. 40 TO FACILITY OPERATING LICENSE  
NO. NPF-29 - GRAND GULF NUCLEAR STATION, UNIT 1, REGARDING  
CHANGES TO TECHNICAL SPECIFICATIONS REFLECTING ORGANIZATIONAL  
CHANGES (TAC NO. 65883 and 66157)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 40 to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1. This amendment consists of changes to the Technical Specifications (TS) in response to your applications dated July 31, 1987, September 10, 1987 and December 11, 1987.

This amendment changes Technical Specifications Section 6, "Administrative Controls," to reflect changes in the offsite organization in several areas. Changes in the quality assurance organization provide a two-manager system that more clearly separates the in-line quality control functions of inspection and deficiency control from the independent quality assurance functions of audits, implementation observations and assessments. Changes in the projects organization provide a more equal distribution of workload and a more effective management chain. Changes in the administrative support area consolidate support functions of word processing and other office support services within a new Support Services Group which is not included in the Technical Specifications. Other changes involve title changes to more accurately reflect present responsibilities.

A copy of the Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's Bi-weekly Federal Register notice.

Sincerely,

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Lester L. Kintner, Project Manager  
Project Directorate II-1  
Division of Reactor Projects-I/II  
Office of Nuclear Reactor Regulation

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Enclosures:

1. Amendment No. 40 to NPF-29
2. Safety Evaluation

cc w/enclosures:  
See next page

LA:PD21:DRPR  
PAnderson  
12/14/87

PM:PD21:DRPR  
LKintner/aly  
12/14/87

D:PD21:DRPR  
EAdensam  
12/14/87

Mr. Oliver D. Kingsley, Jr.  
System Energy Resources, Inc.

Grand Gulf Nuclear Station (GGNS)

cc:

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

MISSISSIPPI POWER & LIGHT COMPANY  
SYSTEM ENERGY RESOURCES, INC.  
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION  
DOCKET NO. 50-416  
GRAND GULF NUCLEAR STATION, UNIT 1  
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 40  
License No. NPF-29

1. The Nuclear Regulatory Commission (the Commission) has found that
  - A. The applications for amendment by System Energy Resources, Inc. (the licensee), dated July 31, 1987, September 10, 1987, and December 11, 1987, comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, the license is amended by changes to the Technical Specifications, as indicated in the attachment to this license amendment; and paragraph 2.C.(2) of Facility Operating License No. NPF-29 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 40, are hereby incorporated into this license. System Energy Resources, Inc. shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Elinor G. Adensam, Director  
Project Directorate II-1  
Division of Reactor Projects-I/II  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: December 15, 1987

LA:PD21:DRPR  
PAnderson  
12/2/87

PM:PD21:DRPR  
LKintner  
12/2/87

OGC-B  
12/4/87

D:PD21:DRPR  
EAdensam  
12/9/87

ATTACHMENT TO LICENSE AMENDMENT NO. 40

FACILITY OPERATING LICENSE NO. NPF-29

DOCKET NO. 50-416

Replace the following pages of the Appendix "A" Technical Specifications with the attached pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

Remove

6-3

6-7

6-9

Insert

6-3

6-7

6-9

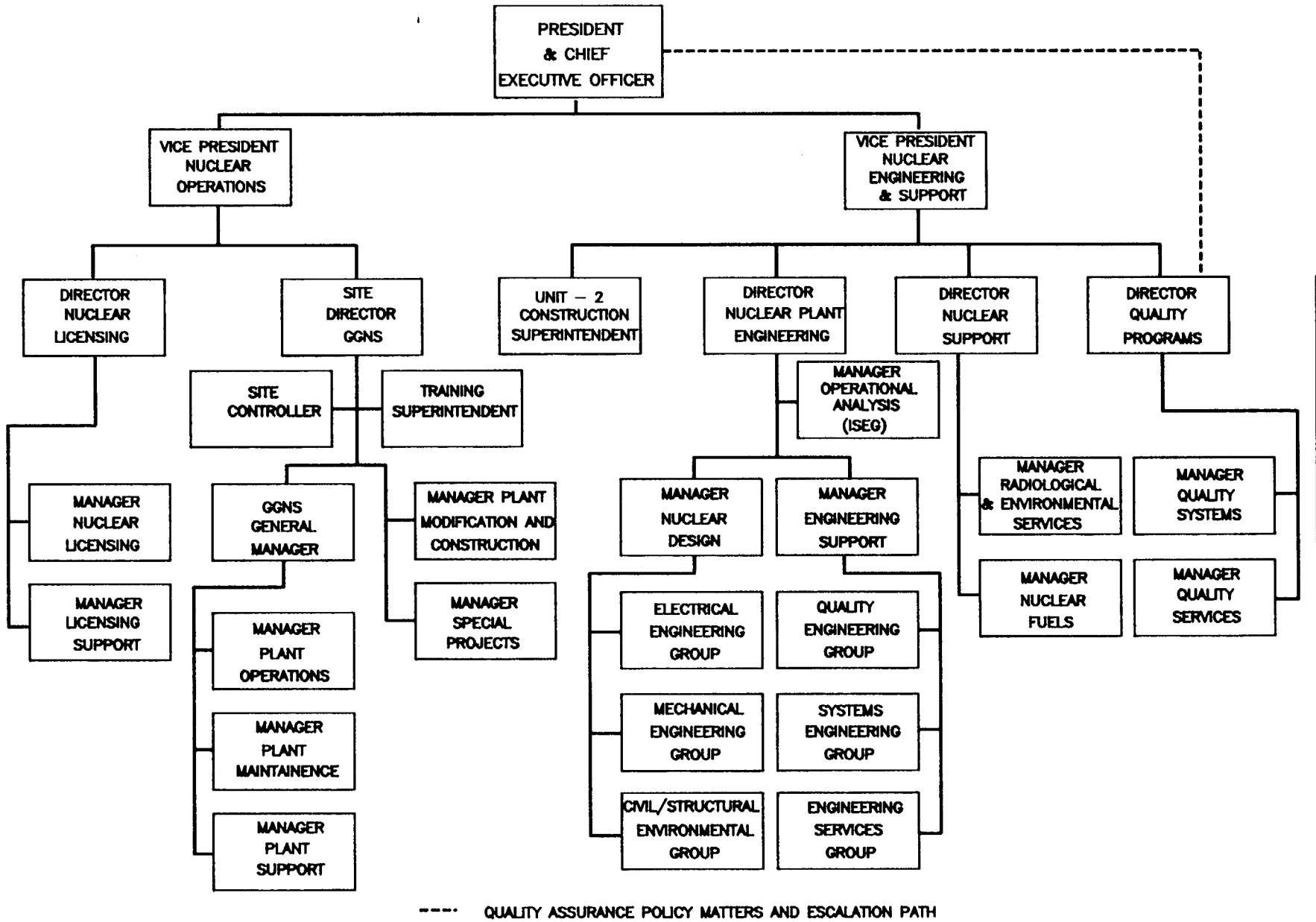


FIGURE 6.2.1-1 OFFSITE ORGANIZATION

## ADMINISTRATIVE CONTROLS

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### PLANT SAFETY REVIEW COMMITTEE (PSRC) (Continued)

#### COMPOSITION

6.5.1.2 The PSRC shall be composed of the:

Chairman:	Manager, Plant Support
Vice Chairman/Member:	Manager, Plant Operations
Member:	Manager, Plant Maintenance
Member:	Operations Superintendent
Member:	Technical Support Superintendent
Member:	Manager, Quality Services
Member:	Chemistry/Radiation Control Superintendent
Member:	I&C Superintendent
Member:	Plant Licensing Superintendent

#### ALTERNATES

6.5.1.3 All alternate members shall be appointed in writing by the GGNS General Manager to serve on a temporary basis; however, no more than two alternates shall participate as voting members in PSRC activities at any one time.

#### MEETING FREQUENCY

6.5.1.4 The PSRC shall meet at least once per calendar month and as convened by the PSRC Chairman or Vice Chairman.

#### QUORUM

6.5.1.5 The quorum of the PSRC necessary for the performance of the PSRC responsibility and authority provisions of these Technical Specifications shall consist of the Chairman or Vice Chairman and four members including alternates.

#### RESPONSIBILITIES

6.5.1.6 The PSRC shall be responsible for review of:

- a. Station administrative procedures and changes thereto.
- b. The safety evaluations for (1) procedures, (2) changes to procedures, equipment or systems, and (3) tests or experiments completed under the provision of Section 50.59, 10 CFR, to verify that such actions did not constitute an unreviewed safety question and all programs required by Specification 6.8 and changes thereto.
- c. Proposed procedures and changes to procedures, equipment or systems which may involve an unreviewed safety question as defined in Section 50.59, 10 CFR.
- d. Proposed tests or experiments which may involve an unreviewed safety question as defined in Section 50.59, 10 CFR.
- e. Proposed changes to Technical Specifications or the Operating License.

## ADMINISTRATIVE CONTROLS

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### 6.5.2 SAFETY REVIEW COMMITTEE (SRC)

#### FUNCTION

6.5.2.1 The SRC shall function to provide independent review and audit of designated activities in the areas of:

- a. nuclear power plant operations
- b. nuclear engineering
- c. chemistry and radiochemistry
- d. metallurgy
- e. instrumentation and control
- f. radiological safety
- g. mechanical and electrical engineering
- h. quality assurance practices

#### COMPOSITION

6.5.2.2 The SRC shall be composed of the:

Chairman:	Vice President, Nuclear Operations
Member:	Vice President, Nuclear Engineering & Support
Member:	Director, Nuclear Plant Engineering
Member:	Site Director, GGNS
Member:	Director, Quality Programs
Member:	Designated Representative, Middle South Services, Inc.
Member:	GGNS General Manager
Member:	Director, Nuclear Licensing
Member:	Manager, Radiological and Environmental Services
Member:	Manager, Operational Analysis

Two or more additional voting members shall be consultants to System Energy Resources, Inc. consistent with the recommendations of the Advisory Committee on Reactor Safeguards letter, Mark to Palladino dated October 20, 1981.

The SRC members shall hold a Bachelor's degree in an engineering or physical science field or equivalent experience and a minimum of five years of technical experience of which a minimum of three years shall be in one or more of the disciplines of 6.5.2.1a through h. In the aggregate, the membership of the committee shall provide specific practical experience in the majority of the disciplines of 6.5.2.1a through h.

#### ALTERNATES

6.5.2.3 All alternate members shall be appointed in writing by the SRC Chairman to serve on a temporary basis; however, no more than two alternates shall participate as voting members in SRC activities at any one time.





UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 40 TO FACILITY OPERATING LICENSE NO. NPF-29

MISSISSIPPI POWER & LIGHT COMPANY

SYSTEM ENERGY RESOURCES, INC.

SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION

GRAND GULF NUCLEAR STATION, UNIT 1

DOCKET NO. 50-416

1.0 INTRODUCTION

By letters dated July 31, 1987, and September 10, 1987, and December 11, 1987, System Energy Resources, Inc. (SERI or the licensee), requested an amendment to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1. The proposed amendment would change Technical Specifications (TS) Section 6, "Administrative Controls," to reflect changes in the offsite organization. The July 31, 1987 application proposed TS changes to reflect changes in the quality assurance organization, the projects organization, and the operational analysis group. The September 10, 1987 application proposed changes in the TS to reflect changes in the nuclear fuels group.

By letter dated December 11, 1987, the licensee provided revisions to its previous submittals to reflect the correct title of Manager, Operational Analysis (ISEG) instead of Manager Operations Analysis (ISEG). The Notice of Consideration of Issuance of this license amendment was published in the Federal Register before the licensee's December 11, 1987 submittal. Since the December 11, 1987 submittal does not significantly change the initial submittals and the notice adequately describes the license amendment request, as revised, the staff believes it is not necessary to renotice this amendment request.

2.0 EVALUATION

Quality Assurance Organization

The proposed changes to the TS to reflect recent organization changes in the quality assurance areas are as follow.

1. Change the present title of Director, Quality Assurance, to Director, Quality Programs, and modify TS Figure 6.2.1-1 and TS Section 6.5.2.2 to reflect this change.

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2. Change the present position of Manager, Nuclear Site QA, to Manager, Quality Services, and modify TS Figure 6.2.1-1 and TS Section 6.5.1.2 to reflect this change.
3. Change the present position of Manager, Audits QA, to Manager, Quality Systems, and modify TS Figure 6.2.1-1 to reflect this change.
4. Delete the present position of Manager, Programs QA, and modify TS Figure 6.2.1-1 to reflect this change.

The title change from Director, Quality Assurance, to Director, Quality Programs and the deletion of the word "assurance" from other titles are proposed to emphasize SERI's commitment to total quality, not merely compliance as connotated by "assurance". Total quality includes the in-line control of quality, as well as the independent oversight functions.

The change from the position of Manager, Nuclear Site QA to Manager, Quality Services is proposed to reflect the assignment of in-line functions to this position. The in-line functions under the present Manager, Nuclear Site QA (inspection, non-destructive examination, and non-conformance document reviews), as well as the in-line functional procedure reviews under the present Manager, Programs QA would be under the proposed Manager, Quality Services. Currently, the Manager, Nuclear Site QA, reports directly to the Director, Quality Assurance, and is a voting member of the Plant Safety Review Committee. These relationships would be unchanged.

The change from the position of Manager, Audits QA to Manager, Quality Systems is proposed to reflect the assignment of independent oversight functions to this position. The independent functions of implementation audits under the present Manager, Nuclear Site QA, as well as the independent functions under the present Manager, Audits QA (program audits, vendor audits and evaluations, and procurement related activities) would be under the proposed Manager, Quality Systems. A new functional area of observations/assessments is being developed under this manager to emulate the NRC's Safety System Functional Inspection approach. Additionally, the business support functions of budgeting, computerization, administration, and trending would be transferred from the Manager, Programs QA, to the position of Manager, Quality Systems. Currently, the Manager, Audits QA, reports directly to the Director, Quality Assurance. This relationship would be unchanged.

The proposed change to the quality assurance organization would delete the position of Manager, Programs QA. The functions currently being performed under this position would be transferred to the two manager positions previously described.

The proposed changes do not delete any functions currently performed by the quality assurance organization and do not involve a reduction in organizational effectiveness. Accordingly, the proposed changes to the quality assurance organization are acceptable.

### Projects Organization

The proposed changes to the TS to reflect recent organization changes in the project area are as follows:

1. Add the position of Manager, Special Projects, reporting directly to the Site Director, GGNS, and modify TS Figure 6.2.1-1 to reflect this change.
2. Delete the position of Manager, GGNS Unit 1 Projects, make the Manager, Plant Modification and Construction, report directly to the Site Director and modify TS Figure 6.2.1.-1 to reflect these changes.

The creation of the position of Manager, Special Projects reporting directly to the Site Director and, deletion of the position Manager, GGNS Unit 1 Projects, were proposed to provide a more equal distribution of work and a more effective chain of command for plant projects. The responsibilities of the Manager, GGNS Unit 1 Projects, would be distributed among the Manager, Special Projects; the Site Director; and the Manager, Plant Modification and Construction (PM&C) as follows. The Manager, PM&C, would have responsibility for modification costs and schedules; the Site Director would have responsibility for providing direction to the Manager, PM&C; and the Manager, Special Projects, would have responsibility for project management direction and coordination with the Director, Nuclear Plant Engineering, the Manager, PM&C, and the GGNS Unit 1 General Manager.

The proposed changes do not delete any functions currently performed by the groups reporting to the Site Director and do not involve a reduction in organizational effectiveness. Accordingly, the proposed changes to the projects organization are acceptable.

### Operational Analysis Group

The proposed changes to the TSs to reflect recent organization changes in the operational analysis area are as follows.

1. Change the organizational unit entitled Operational Analysis Group (ISEG) to the position Manager, Operational Analysis (ISEG) and modify TS Figure 6.2.1-1 and TS Section 6.5.2.2 to reflect these changes.
2. The title of the group leader would be elevated from Principal Engineer to Manager in recognition of the greater importance assigned to this position in the recent reorganization of the Nuclear Plant Engineering organization. The responsibilities of this group would not be changed.

Because these changes would not reduce organizational effectiveness, they are acceptable.

### Nuclear Fuels Group

The proposed changes to the TS to reflect recent organization changes in the nuclear fuels area are as follows:

1. Change the present position of Manager, Nuclear Services and Fuels to Manager, Nuclear Fuels and modify TS Figure 6.2.1-1 to reflect this change.

The change in position of the nuclear fuels group is proposed to reflect the transfer of the responsibility for administrative support services, such as word processing, to a new organizational unit, Support Services in the corporate offices. This new unit will consolidate administrative support services for several areas including nuclear fuels, nuclear licensing, quality programs, and nuclear support. The Support Services group will report to the Manager, Contracts and Support Services and is not included in TS Figure 6.3.1-1 because of the administrative nature of the functions.

The proposed changes do not involve a reduction in organization effectiveness. Accordingly, the proposed changes in the nuclear fuels group are acceptable.

### 3.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change in administrative procedures or requirements. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

### 4.0 CONCLUSION

The Commission made a proposed determination that this amendment involves no significant hazards consideration, which was published in the Federal Register (52 FR 34013) on September 9, 1987, and (52 FR 37549) on October 7, 1987, and consulted with the State of Mississippi. No public comments or requests for hearing were received and the State of Mississippi did not have any comments.

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and the security, or to the health and safety of the public.

Principal Contributor: G.A. Belisle

Dated: December 15, 1987

AMENDMENT NO. 40 TO FACILITY OPERATING LICENSE NO. NPF-29 - GRAND GULF, UNIT 1

DISTRIBUTION:

Docket No. 50-416  
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