

September 28, 1989

Docket No. 50-416

DISTRIBUTION
See attached sheet

Mr. W. T. Cottle
Vice President, Nuclear Operations
System Energy Resources, Inc.
Post Office Box 469
Port Gibson, Mississippi 39150

Dear Mr. Cottle:

SUBJECT: ISSUANCE OF AMENDMENT NO. 64 TO FACILITY OPERATING LICENSE
NO. NPF-29 - GRAND GULF NUCLEAR STATION, UNIT 1, REGARDING
ADMINISTRATIVE CONTROLS AND ALLOWING SENIOR REACTOR OPERATOR
TO ACT IN DUAL CAPACITY (TAC NO. 71809)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 64 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 application dated December 16, 1988, as revised June 19, 1989.

The amendment changes the Technical Specifications (TS) Section 6.0, Administrative Controls, by (1) replacing references to specific operations staff positions with descriptions and qualifications of required personnel, and (2) adding a footnote to allow a licensed Senior Reactor Operator (SRO) on the crew to serve in a dual capacity as SRO and Shift Technical Advisor.

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,

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

Enclosures:

1. Amendment No. 64 to NPF-29
2. Safety Evaluation

cc w/enclosures:
See next page

DOC NAME: GRAND GULF AMEND RE SRO

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Grand Gulf Nuclear Station (GGNS)

cc:

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AMENDMENT NO. 64 TO FACILITY OPERATING LICENSE NO. NPF-29 - GRAND GULF

Docket File

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cc: Licensee/Applicant Service List



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

SYSTEM ENERGY RESOURCES INC., et al.

DOCKET NO. 50-416

GRAND GULF NUCLEAR STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No.
License No. NPF-29

1. The Nuclear Regulatory Commission (the Commission) has found that
 - A. The application for amendment by System Energy Resources, Inc., (the licensee), dated December 16, 1988, as revised June 19, 1989, complies 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.

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. 64, 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

151

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: September 28, 1989

OFC	:LA:PD2	:DRPR:PM:PD2	:DRPR:	OGC	:D:PD2	:DRPR:	:	:
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ATTACHMENT TO LICENSE AMENDMENT NO. 64

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.

<u>Remove</u>	<u>Insert</u>
6-5	6-5
6-7	6-7
6-9	6-9

TABLE 6.2.2-1
MINIMUM SHIFT CREW COMPOSITION

POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	<u>CONDITIONS 1, 2, & 3</u>	<u>CONDITIONS 4 & 5</u>
SS	1	1
SRO	1	None
RO	2	1
AO	2	1
STA*	1	None

TABLE NOTATION

SS - Shift Superintendent with a Senior Reactor Operators License on Unit 1.
 SRO - Individual with a Senior Reactor Operators License on Unit 1.
 RO - Individual with a Reactor Operators License on Unit 1.
 AO - Auxiliary Operator.
 STA - Shift Technical Advisor.

Except for the Shift Superintendent, the Shift Crew Composition may be one less than the minimum requirements of Table 6.2.2-1 for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on duty shift crew members provided immediate action is taken to restore the Shift Crew Composition to within the minimum requirements of Table 6.2.2-1. This provision does not permit any shift crew position to be unmanned upon shift change due to an oncoming shift crewman being late or absent.

During any absence of the Shift Superintendent from the Control Room while the unit is in OPERATIONAL CONDITION 1, 2 or 3 an individual with a valid SRO license shall be designated to assume the Control Room command function. During any absence of the Shift Superintendent from the Control Room while the unit is in OPERATIONAL CONDITION 4 or 5, an individual with a valid SRO or RO license shall be designated to assume the Control Room command function.

*A SS or another SRO on shift who meets the qualifications for the combined SRO/STA position specified for Option 1 of the Commission's Policy Statement on Engineering Expertise on Shift, may also serve as the STA. If this option is used for a shift, then the separate STA position may be eliminated for that shift.

ADMINISTRATIVE CONTROLS

PLANT SAFETY REVIEW COMMITTEE (PSRC) (Continued)

COMPOSITION

6.5.1.2 The PSRC shall be composed of nine members of GGNS onsite operating organization management at the Superintendent level or above.

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

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 a Chairman and nine voting members. 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 Chairman and members shall meet the qualifications below.

The SRC Chairman shall hold a Bachelor's degree in an engineering or physical science field or an equivalent and a minimum of six years of professional level managerial experience in the power field. In addition, the Chairman shall have the necessary overall nuclear background to determine when to call consultants and contractors for dealing with complex problems beyond the scope of System Energy Resources, Inc. expertise.

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. 64 TO FACILITY OPERATING LICENSE NO. NPF-29

SYSTEM ENERGY RESOURCES, INC.

GRAND GULF NUCLEAR STATION, UNIT 1

DOCKET NO. 50-416

1.0 INTRODUCTION

By letter dated December 16, 1988, System Energy Resources, Inc. (the licensee), requested an amendment to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1 (GGNS-1). The proposed amendment would change the Technical Specifications (TS) Section 6.0, "Administrative Controls," by: (1) replacing the references to specific plant operating staff positions with descriptions and qualifications of required personnel and (2) adding a footnote to allow a licensed senior reactor operator (SRO) on the crew to serve in a dual capacity as SRO and shift technical advisor (STA). The December 16, 1988 submittal requested that specific staff positions be replaced in TS 6.5.1.2, Plant Safety Review Committee (PSRC) - Composition, TS 6.5.2.2, Safety Review Committee (SRC) - Composition, TS 6.3, Unit Staff Qualifications, TS 6.4, Training, and that a footnote be added to TS Table 6.2.2-1, Minimum Shift Crew Compositions.

By letter dated June 19, 1989, the licensee revised its application by withdrawing its request to change TS 6.3 and TS 6.4, and modifying the other requested changes.

The licensee's revised application dated June 19, 1989 did not significantly alter the action previously noticed or affect the initial determination published in the Federal Register on February 8, 1989.

2.0 EVALUATION

The NRC staff has reviewed the licensee's revised application dated June 19, 1989.

Generic Letter 88-06, "Removal of Organization Charts from Technical Specification Administrative Control Requirements," provided guidance to licensees for the removal of organization charts from the TS. Removal of the position titles and reporting requirements in the onsite and offsite organization charts from TS provides greater flexibility for licensees to implement changes in these organizations. Generic Letter 88-06 states that the organization charts in the TS may be replaced

with general requirements that capture the essential aspects of the organizational structure and that the organization charts containing specific positions should be placed and maintained in the Updated Final Safety Analysis Report (UFSAR). The NRC staff authorized removal of the onsite and offsite organization charts pursuant to Generic Letter 88-06 in Amendment 45 to the Facility Operating License issued July 29, 1988. However, the composition of the Plant Safety Review Committee (PSRC) as presently specified in TS 6.5.1.2 contains nine organization position titles. The composition of the Safety Review committee (SRC) as specified in TS 6.5.2.2 contains ten organization position titles. Therefore, the flexibility intended to be achieved by removal of the organization charts from TS is considerably decreased if the compositions of the PSRC and SRC remain in the TS.

The licensee has proposed to change TS 6.5.1.1, Plant Safety Review Committee (PSRC) Composition, by replacing the titles of PSRC members with the requirement that the PSRC will be composed of nine members of the GGNS-1 onsite operating organization management at the superintendent level or above. Section 13.4.1. of the UFSAR shows the composition by title and will be updated annually in accordance with 10 CFR 50.71. The NRR staff concludes that the proposed TS 6.5.1.1 is acceptable because it defines the number and qualifications of the PSRC members.

The licensee has proposed to change TS 6.5.2.2, Safety Review Committee (SRC) Composition, by replacing the titles of the SRC members with the requirement that the SRC will be composed of a Chairman and nine voting members. The qualification requirements for the members now in TS 6.5.2.2 would be supplemented with qualification requirements for the Chairman. Section 13.4.2 of the UFSAR shows the composition by title and it will be updated annually in accordance with 10 CFR 50.71. The NRC staff concludes that proposed TS 6.5.2.2 is acceptable because it defines the number and qualifications of the SRC members.

The licensee has proposed to change TS Table 6.2.2-1, Minimum Shift Crew Composition, by adding a footnote concerning a shift supervisor (SS) with an SRO license which states:

A SS or another SRO on shift who meets the qualifications for the combined SRO/STA position specified for Option 1 of the Commission's Policy Statement on Engineering Expertise on Shift may also serve as the STA. If this option is used for a shift, then the separate STA position may be eliminated for that shift.

The NRC staff concludes that this change is acceptable because it meets the staff's requirements in Generic Letter 86-04, "Policy Statement on Engineering Expertise on Shift," dated February 13, 1986 (Federal Register 50 FR 43621, dated October 28, 1985).

3.0 ENVIRONMENTAL CONSIDERATION

This amendment changes recordkeeping, reporting or 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 (54 FR 6198) on February 8, 1989, 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: F. Allenspach

Dated: September 28, 1989