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Grand Gulf Nuclear Station (GGNS)

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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. 51
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, 1987, and revised August 3, 1988, 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. 51, 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. Paragraph 2.C.(30), Training Instructors (Section 13.2, SER), of the Operating License is deleted.

4. 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

Attachment:
Changes to the Technical
Specifications

Date of Issuance: December 5, 1988

OFC	: LA: PD21: DRPR: PM: PD21: DRPR:	OGC	: D: PD21: DRPR :	:	:
NAME	: Anderson	: L. Turner:	: EAdensam	:	:
DATE	: 10/14/88	: 10/17/88	: 10/11/88	: 10/27/88	:

ATTACHMENT TO LICENSE AMENDMENT NO. 51

FACILITY OPERATING LICENSE NO. NPF-29

DOCKET NO. 50-416

Replace the following page of the Appendix A Technical Specifications with the attached page. The revised page is identified by Amendment number and contains vertical lines indicating the area of change.

Remove

6-6

Insert

6-6

ADMINISTRATIVE CONTROLS

INDEPENDENT SAFETY ENGINEERING GROUP (ISEG) (Continued)

RESPONSIBILITIES

6.2.3.3 The ISEG shall be responsible for maintaining surveillance of unit activities to provide independent verification* that these activities are performed correctly and that human errors are reduced as much as practical.

AUTHORITY

6.2.3.4 The ISEG shall make detailed recommendations for revised procedures, equipment modifications, maintenance activities operations activities or other means of improving unit safety to the Vice President, Nuclear Operations.

6.2.4 SHIFT TECHNICAL ADVISOR

6.2.4.1 The Shift Technical Advisor shall provide technical support to the Shift Superintendent in the areas of thermal hydraulics, reactor engineering and plant analysis with regard to safe operation of the unit.

6.3 UNIT STAFF QUALIFICATIONS

6.3.1 Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI N18.1-1971 for comparable positions, except for the Chemistry/Radiation Control Superintendent and Shift Technical Advisor, who shall meet or exceed the education and experience requirements of ANSI/ANS 3.1-1981 as endorsed by Regulatory Guide 1.8, Revision 2, 1987, and licensed personnel who shall meet or exceed the criteria of the accredited license training program; and those members of the Independent Safety Engineering Group used for meeting the minimum complement specified in Section 6.2.3.2, each of whom shall have a Bachelor of Science degree or be registered as a Professional Engineer and shall have at least two years experience in their field, at least one year of which experience shall be in the nuclear field.

6.4 TRAINING

6.4.1 A retraining and replacement training program for the unit staff shall be maintained under the direction of the Training Superintendent, shall meet or exceed INPO accreditation criteria and 10 CFR Part 55, and shall include familiarization with relevant industry operational experience.

6.5 REVIEW AND AUDIT

6.5.1 PLANT SAFETY REVIEW COMMITTEE (PSRC)

FUNCTION

6.5.1.1 The PSRC shall function to advise the GGNS General Manager on all matters related to nuclear safety.

*Not responsible for sign-off function.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 51 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 December 16, 1987 and revised August 3, 1988, 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 the Operating License (OL) and the Technical Specifications (TS) to incorporate changes resulting from the May 26, 1987 revision to 10 CFR Part 55, "Operators' License." The NRC staff has reviewed these submittals as described in Section 2.0 below.

2.0 EVALUATION

2.1 Operating License Condition 2.C.(30)

OL Condition 2.C.(30) states, "Permanent training center instructors and consultants assigned to training, who, after initial criticality will teach systems, integrated responses, transients, and simulator courses to license candidates or NRC-licensed personnel, shall either demonstrate or have previously demonstrated their competence to the NRC staff by successful completion of a senior operator examination prior to teaching licensed operators."

SERI proposes to delete this condition, since the GGNS operator training program is now accredited by the Institute of Nuclear Power Operations (INPO) and is based on a system approach to training.

This change is acceptable since the INPO accreditation program includes instructor evaluation and is in keeping with the intent of the Commission Policy Statement on Training and Qualifications of Nuclear Power Plant Personnel. The licensee states that the training program is based on a system approach to training, therefore, changes to the program can either be submitted for NRC staff review or certified by the licensee as being both accredited and based on a system approach to training. These options are provided under revisions to 10 CFR Part 55.

2.2 Technical Specification Section 6.3, "Unit Staff Qualifications"

TS 6.3 states, "Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI-N18.1-1971 for comparable positions and the supplemental requirements specified in Section A and C of Enclosure 1 of the March 28, 1980 NRC letter# to all licensees, except for the Chemistry/Radiation Control Superintendent who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975##; the Shift Technical Advisor who shall meet or exceed the qualifications referred to in Section 2.2.1.b of Enclosure 1 of the October 30, 1979 letter to all operating nuclear power plants"

SERI proposes to delete the phrase "and the supplemental requirements specified in Section A and C of Enclosure 1 of the March 28, 1980 NRC letter# to all licensees except for the Chemistry/Radiation Control Superintendent who shall meet or exceed the qualifications of Regulatory Guide 1.8, September 1975##; the Shift Technical Advisor who shall meet or exceed the qualifications referred to in Section 2.2.1b of Enclosure 1 of the October 30, 1979 NRC letter to all operating nuclear power plants" and replace it with, "except for the Chemistry/Radiation Control Superintendent and Shift Technical Advisor, who shall meet or exceed the education and experience requirements of ANSI/ANS3.1-1981 as endorsed by Regulatory Guide 1.8, Revision 2, 1987, and licensed personnel who shall meet or exceed the criteria of the accredited license training program."

SERI also proposes to delete Footnote # and Footnote ## to both TS 6.3 and 6.4. Footnote # states, "Except that the experience and other training information provided in the licensee's letter to the NRC dated July 29, 1985 are acceptable for the individuals listed in that letter." Footnote ## states, "Except that the individual identified in Mississippi Power and Light (MP&L) letter to the NRC, dated December 11, 1985, is considered qualified to hold the position of Chemistry/Radiation Control Superintendent based on the experience, education, and other information provided or referenced in that letter."

Deletion of the first phrase of TS 6.3 and the replacement phrase proposed by the licensee are acceptable. This substitution makes the GGNS Technical Specifications consistent with the revision to 10 CFR Part 55 and Regulatory Guide 1.8, Revision 2, 1987.

Deletion of both footnotes is also acceptable. Footnote # refers to the March 28, 1980 NRC letter to all licensees which was superseded by the revisions to 10 CFR Part 55. Footnote ## refers to an individual who now complies with the requirements of Regulatory Guide 1.8, Revision 2, 1987. The footnote is, therefore, no longer applicable.

2.3 Technical Specification Section 6.4, "Training"

TS 6.4 states, "A retraining and replacement program for the unit staff ... shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18-1-1971 and Appendix "A" of 10 CFR Part 55 and the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980 NRC letter to all licensees;"

SERI proposes to: (1) delete the phrase "the requirements and recommendations of Section 5.5 of ANSI N18-1971" and replace it with "INPO accreditation criteria," (2) delete the reference to "Appendix A" since the revision to 10 CFR Part 55 deleted this appendix, and (3) delete the phrase "and the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980 NRC letter# to all licensees."

These deletions are acceptable as they make the TS consistent with the revisions to 10 CFR Part 55.

3.0 ENVIRONMENTAL CONSIDERATION

Pursuant to 10 CFR 51.21, 51.32, and 51.35, an environmental assessment and finding of no significant impact have been prepared and published in the Federal Register on November 30, 1988 (53 FR 48346). Accordingly, based upon the environmental assessment, the Commission has determined that the issuance of this amendment will not have a significant impact on the quality of the human environment.

4.0 CONCLUSION

The Commission has issued a Notice of Consideration of Issuance of Amendment to Facility Operating License and Opportunity for Hearing which was published in the Federal Register (53 FR 32485) on August 25, 1988. No petition to intervene or request for hearing has been filed on this action.

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 the amendment will not be inimical to the common defense and security, nor to the health and safety of the public.

Principal Contributor: Dolores Morisseau, Human Factors Assessment Branch

Dated: December 5, 1988

UNITED STATES NUCLEAR REGULATORY COMMISSION
MISSISSIPPI POWER & LIGHT COMPANY
SYSTEM ENERGY RESOURCES, INC.
SOUTH MISSISSIPPI ELECTRIC POWER ASSOCIATION
DOCKET NOS. 50-416
NOTICE OF ISSUANCE OF AMENDMENT
TO FACILITY OPERATING LICENSES

The U.S. Nuclear Regulatory Commission (Commission) has issued Amendment No. 51 to Facility Operating License No. NPF-29, issued to Mississippi Power and Light Company, System Energy Resources, Inc., and South Mississippi Electric Power Association to change the Operating License and the Technical Specifications to incorporate changes resulting from the May 26, 1987 revision to 10 CFR Part 55, "Operators' License," for the Grand Gulf Nuclear Station, Unit 1, located in Claiborne County, Mississippi. The amendment is effective as of the date of issuance.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings, as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment.

Notice of Consideration of Issuance of Amendment and Opportunity for Hearing in connection with this action was published in the FEDERAL REGISTER on August 25, 1988 (53 FR 32485). No request for a hearing or petition for leave to intervene was filed following this notice.

The Commission has prepared an Environmental Assessment related to the action and has determined not to prepare an environmental impact statement. Based upon the Environmental Assessment, the Commission has concluded that the issuance of this amendment will not have a significant effect on the quality of the human environment.

For further details with respect to the action see: (1) the application for amendment dated December 16, 1987, as revised August 3, 1988, (2) Amendment No. 51 to License No. NPF-29, and (3) the Commission's related Safety Evaluation and Environmental Assessment. All of these items are available for public inspection at the Commission's Public Document Room, 2120 L Street NW, Washington, D. C. 20555 and at the Hinds Junior College, McLendon Library, Raymond, Mississippi 39154. A copy of items (2) and (3) may be obtained upon request, addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Reactor Projects I/II.

Dated at Rockville, Maryland this 5th day of December 1988.

FOR THE NUCLEAR REGULATORY COMMISSION

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

GGNS ISSUANCE 66878

OFC	:LA:PD21:DRPR:PM:PD21:DRPR:	OGC	:D:PD21:DRPR:	:	:	:	:	:
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AMENDMENT NO. 515 TO FACILITY OPERATING LICENSE NO. NPF-29 - GRAND GULF

Docket File

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