

May 25, 1988

Docket No. 50-416

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

Dear Mr. Kingsley:

SUBJECT: ISSUANCE OF AMENDMENT NO. TO FACILITY OPERATING LICENSE  
NO. NPF-29 - GRAND GULF NUCLEAR STATION, UNIT 1, REGARDING  
PHYSICAL SECURITY PLAN (TAC NO. 65185)

The Nuclear Regulatory Commission has issued the enclosed Amendment No. to Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1. This amendment consists of changes to the license in response to your submittals dated November 24, 1986 and September 1, 1987. These submittals provided revisions to the Physical Security Plan for the Grand Gulf Nuclear Station Units 1 and 2. The Safeguards Evaluation Report addresses both Units 1 and 2 because the Physical Security Plan is applicable to both units. However, Unit 2 has not been issued an operating license and, therefore, does not require licensing action.

This amendment modifies the License Condition in Operating License NPF-29 by changing Section 2.E of the license to require compliance with the amended Physical Security Plan. This plan was amended to conform to the requirements of 10 CFR 73.55; search requirements must be implemented within 60 days and miscellaneous amendments within 180 days from the effective date of this amendment.

Our evaluation of the amendment to your Physical Security Plan for the Grand Gulf Nuclear Station is contained in the enclosed Safeguards Evaluation Report. Based on this evaluation, we find that you meet the requirements of the Miscellaneous Amendments and Search Requirements revision to 10 CFR 73.55 and the record-keeping requirements of 10 CFR 73.70.

We find that this amendment to your license is related solely to safeguards matters and does not involve any significant construction impacts. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(12). 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.

Based on the fact that this license amendment applies to the Physical Security Plan and incorporates into the license the latest requirements of your updated Physical Security Plan, we have concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action

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Mr. Oliver D. Kingsley, Jr. - 2 -

and that this action 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 security or to the health and safety of the public.

Your Physical Security Plan consists of Safeguards Information required to be protected from unauthorized disclosure in accordance with the provisions of 10 CFR 73.21.

Notice of Issuance will be included in the Commission's Biweekly Federal Register Notice

Sincerely,

*J. Kinane*  
*ISI for*

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

Enclosures:

- 1. Amendment No. 44 to License No. NPF-29
- 2. Safeguards Evaluation Report

cc w/enclosures:  
See next page

OFC	: LA: PD21	: DRPR: PM: PD21	: DRPR: D: PD21	: DRPR :	:	:	:
NAME	: PAnderson: ch:	: LKintner	: EAdensam	:	:	:	:
DATE	: 5/10/88	: 5/11/88	: 5/13/88	:	:	:	:

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

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. 44  
License No. NPF-29

1. The Nuclear Regulatory Commission (the Commission) has found that
  - A. The submittals by the licensee (Mississippi Power & Light Company prior to December 20, 1986 and System Energy Resources, Inc. on and after December 20, 1986), dated November 24, 1986 and September 1, 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.
2. Accordingly, the license is amended by changing the License Condition in Operating License NPF-29 by changing section 2.E. to read as follows:

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E. The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Grand Gulf Nuclear Station Physical Security Plan," with revisions submitted through September 1, 1987; "Grand Gulf Nuclear Station Guard Training and Qualification Plan," with revisions submitted through March 10, 1987; and "Grand Gulf Nuclear Station Safeguards Contingency Plan," with revisions submitted through August 25, 1987. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.

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

FOR THE NUCLEAR REGULATORY COMMISSION

*151 J. Kinross  
for*

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

Date of Issuance: May 25, 1988

OFC	:LA:PD21:DRPR:PM:PD21:DRPR:	OGC	:D:PD21:DRPR:	:
NAME	:PAnderson:ch: LKintner	<i>Woodward</i>	:EAdensam	:
DATE	: 5/17/88	: 5/17/88	: 5/18/88	: 5/25/88



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

SAFEGUARDS EVALUATION REPORT

MISCELLANEOUS AMENDMENTS AND SEARCH REQUIREMENTS

SYSTEM ENERGY RESOURCES, INC.

GRAND GULF NUCLEAR STATION, UNITS 1 AND 2

DOCKET NOS. 50-416 AND 50-417

1.0 INTRODUCTION

The System Energy Resources, Inc. (SERI) has filed revisions to their Physical Security Plan for the Grand Gulf Nuclear Station, Units 1 and 2, with the Nuclear Regulatory Commission.

This Safeguards Evaluation Report (SGER) summarizes how the licensee proposes to meet the Miscellaneous Amendments and Search Requirements revisions of 10 CFR Part 73.55.

Based on a review of the Physical Security Plan, the staff has concluded that the proposed changes satisfy Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and accompanying 10 CFR 73.70 record reporting requirements. Accordingly, the protection provided will ensure that the public health and safety will not be endangered.

2.0 PERSONNEL SEARCH

The licensee has provided commitments in the Physical Security Plan to provide a search of all individuals entering the protected area, except bona fide Federal, State and local law enforcement personnel on official duty, through the use of equipment designed for the detection of firearms, explosives, and incendiary devices. In addition, the licensee has provided commitments to conduct a physical pat-down search of an individual whenever the licensee has cause to suspect that the individual is attempting to introduce firearms, explosives, or incendiary devices into the protected areas; or whenever firearms or explosives detection equipment is out of service or not operating satisfactorily.

3.0 VITAL AREA ACCESS

SERI has modified their Grand Gulf Nuclear Station, Units 1 and 2 Physical Security Plan to limit unescorted access to vital areas during non-emergency conditions to individuals who require access in order to perform their duties. They have established current authorization access lists for each vital area which are updated and approved by the cognizant manager or supervisor at least once every 31 days. SERI has assured that only individuals whose specific duties require access to vital areas

during nonemergency conditions are included on their site access list. SERI has provided further assurance by revoking access and retrieving badges and other entry devices prior to, or simultaneously with, notification of termination of an individual's unescorted facility access.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that SERI meets the vital area access requirements of 10 CFR 73.55(d)(7)(i)(A), (B) and (C).

#### 4.0 LOCKS AND KEYS

The licensee has committed to providing methods to reduce the probability of compromise of keys, locks, combinations, and related access control devices used to control access to their protected areas and vital areas. These methods include the rotation of keys, locks, combinations, and related access control devices every 12 months or the changing of these devices whenever there is evidence or suspicion that any key, lock, combination or related access control device may have been compromised or when an individual who has had access to any of these devices has had their access terminated due to a lack of trustworthiness, reliability or inadequate work performance. Only persons granted unescorted facility access are issued such entry devices.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that SERI meets the requirements of 10 CFR 73.55(d)(9) to reduce the probability of compromise of keys, locks, combinations, and related access control devices.

#### 5.0 EMERGENCY ACCESS

The licensee has provided commitments to provide for the rapid ingress and egress of individuals during emergency conditions or situations that could lead to emergency conditions by assuring prompt access to vital equipment. An annual review of their physical security plans and contingency plans and procedures will be conducted to evaluate their potential impact on plant and personnel safety. Emergency access is granted by a licensed senior operator.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that SERI meets the requirements of 10 CFR 73.55 (d)(7)(ii) to assure access to vital equipment during emergencies or to situations that may lead to an emergency.

#### 6.0 PROTECTION OF SECONDARY POWER SUPPLIES

The licensee has provided commitments to protect the on-site secondary power supply system for alarm annunciator equipment and non-portable communications equipment by including such equipment within a vital area boundary.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that SERI meets the requirements of 10 CFR 73.55(e) in protecting the secondary power supplies of alarm annunciator equipment and non-portable communications equipment.

#### 7.0 VITAL AREA ENTRY/EXIT LOGGING

The licensee has committed to maintaining a log indicating name, badge number, time of entry, and time of exit of all individuals granted access to a vital area except those individuals entering or exiting the reactor control room.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that SERI meets the requirements of 10 CFR 73.70(d) by maintaining entry/exit log of individuals accessing vital areas (except the reactor control room).

#### 8.0 CONCLUSION

Based upon the above evaluation, we find that the licensee has met the requirements of the Miscellaneous Amendments and Search Requirements revision to 10 CFR Part 73.55 and the record keeping requirements of 10 CFR Part 73.70.

Principal Contributor: B. Manili

Dated: May 25, 1988

AMENDMENT NO. 44 TO FACILITY OPERATING LICENSE NO. NPF-23 - GRAND GULF NUCLEAR STATION

Docket File

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