



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

September 09, 2024

Brad Kapellas, Site Vice President  
Entergy Operations, Inc  
P.O. Box 756  
Port Gibson, MS 39150

SUBJECT: GRAND GULF NUCLEAR STATION – SECURITY BASELINE INSPECTION  
REPORT 05000416/2024402

Dear Brad Kapellas:

On August 8, 2024, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Grand Gulf Nuclear Station and discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

A handwritten signature in black ink, appearing to read "C. A. Jewett".

Signed by Jewett, Christopher  
on 09/09/24

Christopher A. Jewett, Acting Branch Chief  
Physical Security Branch  
Division of Radiological Safety & Security

Docket No. 05000416  
License No. NPF-29

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV

GRAND GULF NUCLEAR STATION – SECURITY BASELINE INSPECTION REPORT  
 05000416/2024402 – DATED SEPTEMBER 09, 2024

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**U.S. NUCLEAR REGULATORY COMMISSION  
Inspection Report**

Docket No. 05000416

License No. NPF-29

Report No. 05000416/2024402

Enterprise Identifier: I-2024-402-0008

Licensee: Entergy Operations, Inc

Facility: Grand Gulf Nuclear Station

Location: Port Gibson, MS

Inspection Dates: August 05, 2024, to August 08, 2024

Inspectors: Raymond C. Lanfear, Physical Security Inspector  
Physical Security Branch  
Division of Radiological Safety & Security

Approved By: Christopher A. Jewett, Acting Branch Chief  
Physical Security Branch  
Division of Radiological Safety & Security

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Grand Gulf Nuclear Station, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

### **List of Findings and Violations**

No findings or violations of more than minor significance were identified.

### **Additional Tracking Items**

None.

## **INSPECTION SCOPES**

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

## **SAFEGUARDS**

### 71130.02 - Access Control

The inspectors evaluated the access control program through completion of the following inspection elements:

#### Access Control (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: All Requirements
  - Tier III: All Requirements

### 71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements:

#### Security Plan Changes (1 Partial)

- (1) (Partial)  
The opportunity to apply this procedure was not available in accordance with IMC 0306. This sample was not available because the licensee did not conduct the activity covered by this IP. Specifically, the licensee has not initiated a physical security plan change in accordance with 10 CFR 50.54(p)(2) since the last performance of this IP.

## **OTHER ACTIVITIES – BASELINE**

### 71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

#### PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) June 30, 2022, through June 30, 2024

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

The inspectors verified no proprietary information was retained or documented in this report.

- On August 8, 2024, the inspector presented the security baseline inspection results to Brad Kapellas and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents Resulting from Inspection		CR-GGN-2024-04552, CR-GGN-2024-04553, CR-GGN-2024-04554, CR-GGN-2024-04557, CR-GGN-2024-04558, CR-GGN-2024-04559, CR-GGN-2024-04572. CR-GGN-2024-04647, CR-GGN-2024-04648, CR-GGN-2024-04649	
	Miscellaneous	Key and Core Inventories		
	Procedures	11-S-51-3	Personnel, Material, and Vehicle Searches	38
		EN-NS-101-06	Terminating, Denial and Appeal of Unescorted Access Authorization/Unescorted Access	11
		EN-NS-224	SOCA Access Controls	3
		EN-NS-228	Search & Sealing of Material	2
		EN-NS-231	Protected Area Search	3
		EN-NS-236	Warehouse Material Search	0
EN-NS-237	Lock and Key	0		
71151	Miscellaneous	Protected Area Security Equipment Performance Indicator Data		