



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

June 8, 2021

Mr. Robert Franssen, Site Vice President  
Entergy Operations, Inc.  
P.O. Box 756  
Port Gibson, MS 39150

SUBJECT: GRAND GULF NUCLEAR STATION – SECURITY BASELINE INSPECTION  
REPORT 05000416/2021402

Dear Mr. Franssen:

On May 20, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Grand Gulf Nuclear Station. On May 20, 2021, the NRC inspectors 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,

**/RA/**

Ray L. Kellar, P.E., Chief  
Plant Support Branch 1  
Division Reactor Safety

Docket No. 05000416  
License No. NPF-29

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®

GRAND GULF NUCLEAR STATION – SECURITY BASELINE INSPECTION REPORT  
 05000416/2021402 – DATED JUNE 8, 2021

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

Docket Number: 05000416

License Number: NPF-29

Report Number: 05000416/2021402

Enterprise Identifier: I-2021-402-0008

Licensee: Entergy Operations, Inc.

Facility: Grand Gulf Nuclear Station

Location: Port Gibson, MS

Inspection Dates: May 17, 2021 to May 21, 2021

Inspectors: D. Hostetter, Physical Security Inspector  
R. Lanfear, Physical Security Inspector

Approved By: Ray L. Kellar, P.E., Chief  
Plant Support Branch 1  
Division of Reactor Safety

## **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

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 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. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

## SAFEGUARDS

### 71130.01 - Access Authorization

The inspectors evaluated the access authorization program. The following elements were evaluated:

#### Access Authorization (1 Sample)

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

### 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 Requirement

### 71130.09 - Security Plan Changes

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

#### Review Security Plan Changes (IP Section 02.01) (1 Sample)

- (1) (Partial) The opportunity to apply this procedure was not available in accordance with Inspection Manual Chapter 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 Title 10 of the *Code of Federal Regulations*, Part 50.54(p)(2) since the last performance of this IP and Physical Security Plan Revision 17 remains current.

## **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 03.17) (1 Sample)

(1) May 2019 through April 2021

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On May 20, 2021, the inspectors presented the security baseline inspection results to Mr. R. Franssen and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.01	Corrective Action Documents	Corrective Actions	CR-GGN-2021-02483, CR-GGN-2021-00887, CR-GGN-2021-03362, CR-GGN-2020-11553	Multiple
	Miscellaneous	Access Authorization	Entergy Employee Packets	Multiple
		Badge Action Request	Requestor Job Aid	Revision 4
		Behavioral Observation Program	Annual Supervisor Review	Multiple
		Entergy Audit WT-WTHQN-2019-00315	Siemens Energy Audit	07/11/2019
		Entergy Audit WT-WTHQN-2019-00328	BHI Energy Audit Report	07/22/2019
		Entergy Audit WT-WTHQN-2020-00419	Confidential Services Incorporated (CSI)	07/16/2020
		Entergy Audit WT-WTHQN-2020-00463	Stress Center	07/24/2020
		Entergy Training	Clarified Behavioral Observation Responsibilities for Supervisors/Managers	Revision 4
		FF-125	Contingency Process	Revision 4
		Nantel Training	Generic Fitness-for-Duty and Behavioral Observation Program Observation Training	03/28/2014
		Nantel Training	Generic Plant Access Training	04/10/2015
		QA-1-2019-GGNS-1	Quality Assurance Audit Report	08/19/2019
		QA-1-2020-GGNS-1	Quality Assurance Audit Report	08/17/2020
		Revalidation	Access Authorization	Multiple

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		Reports		
	Procedures	EN-NS-101	Unescorted Access Authorization Program	Revision 29
		EN-NS-101-01	Access Authorization/Fitness-for-Duty Facility Controls	Revision 2
		EN-NS-101-03	Processing Individuals for UAA/UA & SGI Access	Revision 7
		EN-NS-101-04	Processing Potential Disqualifying Information (PDI)	Revision 4
		EN-NS-101-05	Maintaining Unescorted Access Authorization/Unescorted Access and Critical Group Status	Revision 5
		EN-NS-102	Fitness-for-Duty Program	Revision 24
		EN-NS-200	Security Reporting Requirements	Revision 14
	Physical Security Plan	Grand Gulf Nuclear Station, Physical Security, Safeguard Contingency & Training & Qualification Program	Revision 17	
71130.02	Corrective Action Documents	CR-GGN-2020-10859, CR-GGN-2020-11046, CR-GGN-2020-11097, CR-GGN-2020-11194, CR-GGN-2020-11278, CR-GGN-2020-11399,		
	Corrective Action Documents Resulting from Inspection	CR-GGN-2021-04016, CR-GGN-2021-04020, CR-GGN-2021-03931, CR-GGN-2021-03979, CR-GGN-2021-03991, CR-GGN-2021-03980, CR-GGN-2021-04027, CR-GGN-2021-004028		Multiple
	Procedures	11-S-11-2	Security Lock and Key Program	22
11-S-21-8		Security Equipment Testing, Inspection, and Maintenance	26	



Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		EN-NS-204	Protection of Unclassified Safeguard Information	17
		EN-NS-224	SOCA Access Controls	03
		EN-NS-227	Security Department Challenge Testing	03
		EN-NS-228	Search and Sealing of Materials	2
		EN-NS-231	Protected Area Search	03
		GGN-NSF-16	Turnstile Testing	02
		GGN-NSF-17	Gemini 640 Test	02
		GGN-NSF-98	Vehicle Search Pre-Job Brief	00
71151	Miscellaneous	Security Performance Indicator Data		May 2019 - April 2021