



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

January 7, 2019

Mr. Eric Larson, Site Vice President
Entergy Operations, Inc.
Grand Gulf Nuclear Station
P.O. Box 756
Port Gibson, MS 39150

SUBJECT: GRAND GULF NUCLEAR STATION, UNIT 1 – NRC SECURITY INSPECTION
REPORT 05000416/2018404

Dear Mr. Larson:

On November 26, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Grand Gulf Nuclear Station, Unit 1. The NRC inspectors discussed the results of this inspection with Mr. Greg Hawkins, Director Regulatory and Performance Improvement, and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more than minor significance.

This letter, and its enclosure 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 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

If you choose to provide a response to this report that contains Security-Related Information, please mark your entire response "Security-Related Information – Withhold from Public Disclosure Under 10 CFR 2.390" (d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Sincerely,

/RA/

David A. Holman, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket No.: 50-416
License No.: NPF-29

Enclosure:
Inspection Report 05000416/2018404

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

Docket Number: 05000416

License Number: NPF-29

Report Number: 05000416/2018404

Enterprise Identifier: I-2018-404-0003

Licensee: Entergy Operations, Inc.

Facility: Grand Gulf Nuclear Station, Unit 1

Location: Port Gibson, Mississippi

Inspection Dates: October 15, 2018 to November 26, 2018

Inspectors: M. Chambers, Physical Security Inspector
C. Jewett, Physical Security Inspector
N. Day, Resident Inspector

Approved By: David A. Holman
Chief, Plant Support Branch 1
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a Baseline Security inspection at Grand Gulf Nuclear Station, Unit 1, 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. Findings and violations being considered in the NRC's assessment are summarized in the table below. Licensee-identified non-cited violations are documented in the Inspection Results at the end of this report.

List of Findings and Violations

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

Additional Tracking Items

No Additional Items

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. 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

71130.04 - Equipment Performance, Testing, and Maintenance (1 Sample)

The inspectors evaluated the security testing and maintenance program. The following elements were evaluated:

- Tier I: all requirements
- Tier II: all requirements
- Tier III: all requirements

71130.07 - Security Training (1 Sample)

The inspectors evaluated the nuclear security training program. The following elements were evaluated:

- Tier I: all requirements
- Tier II: all requirements
- Tier III: all 5 requirements except 2.14

71130.14 – Power Reactor Target Sets (1 Sample)

The inspectors evaluated the power reactor target set program. The following elements were evaluated:

All requirements

EXIT MEETINGS AND DEBRIEFS

On October 18, 2018, the inspectors presented the Equipment, Testing and Maintenance and Security Training inspection results to Mr. Greg Hawkins, director Regulatory and Performance Improvement, and other members of the licensee staff. The inspectors verified no proprietary information was retained or documented in this report.

On November 26, 2018, the inspectors presented the Power Reactor Target Set inspection results to Mr. Greg Hawkins, director Regulatory and Performance Improvement Director, and other members of the licensee staff. The inspectors verified no proprietary information was retained or documented in this report.

DOCUMENTS REVIEWED

71130.04 - Equipment Performance, Testing, and Maintenance

Condition Reports

2018-06686	2018-05980	2018-06863	2018-10399	2018-10400
2018-10401	2018-11374	2016-00792		

Procedures Number	Title	Revision or Date
07-S-22-C83-1	Mag Switch Tamper Alarms	004
EN-NS-200	Security Reporting Requirements	013
EN-NS-210	Security Impact Review Program	010
EN-NS-212	Weapons Maintenance Accountability Program	005
EN-NS-214	Managing the Safety/Security Interface	004
EN-NS-220	Camera Controls for Access and Use	009
EN-NS-224	SOCA Access Controls	002
EN-NS-227	Security Department Challenge Testing	002
EN-NS-230	Security Equipment Accountability	000
EN-NS-231	Primary Access Control	001
ENS-NS-213	Use and Maintenance of Security Respiratory Protection Equipment	000
11-S-01-4	Weapons Accountability, Issuance, and Use	033
11-S-11-2	Security Lock & Key Program	019
01-S-11-10	GGNS Employee's Security Responsibilities	055
11-S-21-5	Operation and Use of Search Equipment	010
11-S-22-8	Security Equipment Testing, Inspection and Maintenance	036
11-S-22-4	Intrusion Detection, Surveillance, and Access Control Equipment	016
11-S-51-3	Personnel, Package, and Vehicle Searches	036
11-S-51-4	Duties of Personnel At the Primary Access Point	019
11-S-51-5	Duties of CAS/SAS Personnel	027
11-S-31-1	Telephone, Intercom and Radio Use, Maintenance and Control	016
04-1-03-L62-1	Inverter Transfer Functional Test	002

Miscellaneous Documents Number	Title	Revision or Date
	Security Events Log	February 2018-October 2018
	Smart Sample of Intrusion Alarm Testing Records	September 2018
	Weapons Maintenance and Accountability Records	January 2017 - October 2018
	Vendor Manual 460004253, Walk Through Explosives Detector	
ES4	Weekly Maintenance of Explosive Detector Devices	
ES4	Monthly Maintenance of Explosive Detector Devices	
SECFM 127A.6	Zone/Equipment Testing Schedule	October, 2018
SECFM 139	Weapons and Ammunition Supplement for R(SAS)	
	Corrective Action WT-GGN-2014-00224	
QA-16-2016-GGNS-1	Security Audit, Grand Gulf Nuclear Station	October 2016
QA-16-2017-GGNS-1	Security Audit, Grand Gulf Nuclear Station	October 2017
9100 246-4VE	Rapiscan Metor 200HS Installation and Operating Manual	2.21
LO-GLO-2017-00048	Focused Self-Assessment on Security Equipment Performance, Testing and Maintenance	August, 24, 2018
	Installation Acceptance Testing for the Admin Wall Cameras	August, 2, 2018

71130.07 – Security Training

Condition Reports

2017-10506	2018-07136	2018-08328	2018-09710	2018-10244
2018-10245	2018-10278	2018-11337	2018-11339	2018-11341

Procedures Number	Title	Revision or Date
EN-NS-300	Security Training Program	08
EN-NS-301	Security Systematic Approach to Training (SAT) Process	04
EN-NS-303	Security Training Oversight Program	06
EN-NS-304	Security OJT, TPE, and Training Exemptions	07
EN-NS-304	Security OJT, TPE, and Training Exemptions	07

Miscellaneous Documents Number	Title	Revision or Date
GJPM-SEC-7.0	Perform Vehicle/Material Escort Functions	04
GJPM-SEC-10.0	Communicate with Duress System	05
GJPM-SEC-12.0	Test Intrusion Detection Equipment and Special Purpose Detectors	07
GLP-SEC1-PATROL	Patrol and Alarm Response	03
GLP-SEC-DFORCE	Use of Force Training	06
GOJT-ST-SST07	GGNS Security Annual Exams A and B	00
LO-GLO-2017-00047	Focused Self-Assessment on Security Training	August 2018
NA	GGNS Tactical Course of Fire	October 2018
NA	Lowlight Semi-Automatic Handgun Qualification	December 2017
NA	Lowlight Semi-Automatic Rifle Qualification	May 2018
NA	Semi-Automatic Rifle Daylight Qualification	May 2017
NA	Semi-Automatic Daylight Handgun Qualification	May 2018
NA	Semi-Automatic Rifle Thermal Optic Qualification	May 2017
QA-16-2016-GGNS-1	Security Audit	October 2016
QA-16-2017-GGNS-1	Security Audit	October 2017

71130.14 – Power Reactor Target Sets

Condition Reports

201812308	201811027	201605797	Revision or Date
Procedures Number	Title		
EN-NS-306	Development and Maintenance of Target Sets		5

GRAND GULF NUCLEAR STATION, UNIT 1 – NRC SECURITY INSPECTION REPORT
05000416/2018404 – DATED JANUARY 7, 2019

DISTRIBUTION:

Regional Administrator (Scott.Morris@nrc.gov)
 Deputy Regional Administrator (Mark.Shaffer@nrc.gov)
 DRP Director (Anton.Vegel@nrc.gov)
 DRS Director Acting (Ryan.Lantz@nrc.gov)
 DRS Deputy Director Acting (Geoff.Miller@nrc.gov)
 DRP Deputy Director (Michael.Hay@nrc.gov)
 Regional Counsel (David.Cylkowski@nrc.gov)
 RIV/ETA: OEDO (Aida.Rivera-Varona@nrc.gov)
 Public Affairs Officer (Victor.Dricks@nrc.gov)
 Senior Congressional Affairs Officer (Jenny.Weil@nrc.gov)
 Project Manager (Lisa.Regner@nrc.gov)
 RIV Congressional Affairs Officer (Angel.Moreno@nrc.gov)
 RIV RSLO (Bill.Maier@nrc.gov)
 Acting Team Leader, DRS/IPAT (Ray.Kellar@nrc.gov)
 Project Engineer, DRS/IPAT (Peter.Jayroe@nrc.gov)
 RITS Coordinator (Marisa.Herrera@nrc.gov)
 ACES (R4Enforcement.Resource@nrc.gov)
 Branch Chief, DRP/C (Jason.Kozal@nrc.gov)
 Senior Project Engineer (Cale.Young@nrc.gov)
 Senior Project Engineer (David.Proulx@nrc.gov)
 Project Engineer (Timothy.DeBey@nrc.gov)
 Senior Resident Inspector (Timothy.Steadham@nrc.gov)
 Resident Inspector (Neil.Day@nrc.gov)
 Site Administrative Assistant (Amy.Elam@nrc.gov)

ADAMS ACCESSION NUMBER: ML19007A243

SUNSI Review: ADAMS: Non-Publicly Available Non-Sensitive Keyword:
 By: MLC Yes No Publicly Available Sensitive

OFFICE	PSI:PSB1	PSI:PSB1	PBC	C:PSB1	C:PBC	C:PSB1
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