



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

October 24, 2022

John Ferrick
Site Vice President
Entergy Operations, Inc.
17265 River Road
Kilona, LA 70057-0751

**SUBJECT: WATERFORD STEAM ELECTRIC STATION UNIT 3 NRC SECURITY BASELINE
INSPECTION REPORT 05000382/2022402**

Dear John Ferrick:

On October 6, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Waterford Steam Electric Station, Unit 3. On October 6, 2022, the NRC inspectors discussed the results of this inspection with John Jarrell, Director of Regulatory Assurance, Performance Improvement, 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 cursive script that reads "Ray Kellar".

Signed by Kellar, Ray
on 10/24/22

Ray L. Kellar, P.E., Chief
Physical Security Branch
Division of Radiological Safety & Security

Docket No. 05000382
License No. NPF-38

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

WATERFORD STEAM ELECTRIC STATION UNIT 3 SECURITY BASELINE INSPECTION
 REPORT 05000382/2022402 DATED OCTOBER 24, 2022.

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DOCUMENT NAME: WATERFORD 3 SECURITY BASELINE INSPECTION REPORT
 05000382/2022402

Non-Public Designation Category: MD 3.4 Non-Public _____ (A.3 - A.7 or B.1)

ADAMS ACCESSION NUMBER: **ML22293A643**

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Number: 05000382

License Number: NPF-38

Report Number: 05000382/2022402

Enterprise Identifier: I-2022-402-0011

Licensee: Entergy Operations, Inc.

Facility: Waterford Steam Electric Station, Unit 3

Location: Killona, LA

Inspection Dates: September 01, 2022 to October 06, 2022

Inspectors: D. Childs, Resident Inspector
D. Hostetter, Physical Security Inspector
A. Meyen, Physical Security Inspector
A. Patz, Senior Resident Inspector

Approved By: Ray L. Kellar, P.E., 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 Waterford Steam Electric Station, Unit 3, 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

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program through completion of the following procedure elements:

Equipment Performance, Testing, and Maintenance (1 Sample)

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

71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

Security Training (1 Sample)

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

71130.14 - Review of Power Reactor Target Sets

The inspectors evaluated the Security Target Set Program beginning on September 1, 2022. The following elements were evaluated:

Review of Power Reactor Target Sets (1 Sample)

- (1) 02.01, 02.02 (a-f), 02.03, 02.04 (a-b), 02.05

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On October 6, 2022, the inspectors presented the security baseline inspection results to John Jarrell, Director of Regulatory Assurance, Performance Improvement and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.04	Corrective Action Documents	Condition Reports	CR-WF3-2020-04053, CR-WF3-2020-04120, CR-WF3-2020-04418, CR-WF3-2020-04436, CR-WF3-2020-04488, CR-WF3-2020-6818, CR-WF3-2020-06840, CR-WF3-2020-06921, CR-WF3-2021-00235, CR-WF3-2021-00509, CR-WF3-2021-06011, CR-WF3-2021-03262, CR-WF3-2021-03732, CR-WF3-2021-04767, CR-WF3-2021-04987, CR-WF3-2021-05037, CR-WF3-2021-05134, CR-WF3-2021-05456, CR-WF3-2021-05556, CR-WF3-2021-05678, CR-WF3-2022-01688, CR-WF3-2022-03806, CR-WF3-2022-04706, CR-WF3-2022-04707, CR-WF3-2022-04708, CR-WF3-2022-06351	Multiple
	Corrective Action Documents Resulting from Inspection	CR-WF3-2022-06920, CR-WF3-2022-06925		Multiple
	Procedures	EN-LI-102	Corrective Action Program	Revision 47
		EN-MA-157	Maintenance Configuration Control	Revision 3
		EN-NS-212	Weapons Maintenance Program	Revision 8
		EN-NS-220	Managing the Safety/Security Interface	Revision 5
		EN-NS-238	Firearms & Security Equipment Accountability	Revision 1
		MM-004-874	Site Security Diesel PM	Revision 305
		PS-012-109	Security Equipment Inspection & Testing	Revision 45
		PS-012-109-01	Turnstile Test	Revision 1
		PS-012-109-02	Door Testing	Revision 0
		PS-012-109-03	Intrusion Detection System Testing	Revision 1
		PS-012-109-04	Protected Area Active Vehicle Barrier Testing	Revision 0
		PS-012-109-05	Metal Detector Testing	Revision 0
		PS-012-109-06	Explosive Detector Calibration	Revision 0
PS-012-109-07		X-ray Device Testing	Revision 1	
PS-012-109-08	Protected Area Equipment Tamper Test	Revision 0		
PS-012-109-09	PA Barrier Inspections	Revision 0		
PS-012-109-10	BRE-SOCA Equipment Inspection/Testing	Revision 0		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		PS-012-109-11	Access Authorization Duress Alarm Test	Revision 0
		PS-012-109-13	SOCA HGIS Turnstile Test	Revision 0
		PS-012-109-14	SOCA Tamper Test	Revision 0
		PS-013-101	Security Communications	Revision 305
		PS-015-105	Alarm Station Operators	Revision 29
		PS-018-108	Loss or Degradation of Security Equipment & Systems	Revision 13
		PS-102-109-12	SMC Alarm Station Testing	Revision 0
		WF3 Steam Electric Station Physical Security, Safeguards Contingency & Training & Qualification Plan	Physical Security Plan	Revision 16
		WLP-SECI-COMPME	Compensatory Measures	Revision 1
		Self-Assessments	QA-16-2021-W3-1	WF3 Assessment
	Work Orders	WO# 53012297	Perform Functional Test of Security Diesel Generator	08/26/2022
		WO# 53015537	Test All Security BRE Glare Lights, Batteries, & UPS	09/22/2022
71130.07	Corrective Action Documents	CR	CR-WF3 2020-04014, CR-WF3 202006215, CR-WF3 202006380, CR-WF3 202100804, CR-WF3 202101076, CR-WF3 202101510, CR-WF3 202101513, CR-WF3 202102429, CR-WF3 202103687, CR-WF3 202203583, CR-WF3 202203584, CR-WF3 202205130, CR-WF3 2022131	Multiple
	Miscellaneous	FCOFLLR-3.0	Determine Amount of Force Required to Prevent an Unauthorized Act	1
		FJPM-SEC-1.0	Perform Critical Administrative Task	0
		FJPM-SEC-20	Respond to Contingency Events and Execute Protective Strategy	3
		FJPM-SEC-25.1	Handgun Daylight Qualification	8/1/19
		FJPM-SEC-25.2	Handgun Night/Low Light Qualification	8/1/19
		FJPM-SEC-27.1	Daylight Rifle Qualification	6/27/19
FJPM-SEC-27.2	Night/Low Light Rifle Qualification	6/27/19		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		FJPM-SEC-27.3	Thermal Optic Qualification	7/11/19
		FJPM-SEC-27.4	Tactical Course of Fire	5/18/20
		SEL	Safeguards Event Log	8/7/22-9/15/22
		WLP-SECI-PARESP	Patrol Procedures and Response to Alarms	1
		WSF-041	Physical Fitness Test Course, Task 22	1
	Procedures	EN-NS-112	Medical Program	22
		EN-NS-300	Security Training Program	11
		EN-NS-301	Security SAT Process	6
		EN-NS-303	Security Training Oversight Program	8
		EN-NS-304-1	On the Job Training Process	0
		EN-NS-304-4	Task Performance Evaluation Process	0
		EN-NS-307	Security Supervisor Training and Development Program	1
	Self-Assessments	QA-16-2021-W3-1	Audit Report Package Security/Cyber Security	12/13/21
71130.14	Corrective Action Documents Resulting from Inspection	CR-WF3-2022-05791		08/10/2022
		CR-WF3-2022-06618		09/26/2022
	Procedures	EN-NS-306	Development and Maintenance of Target Sets	7