



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 21, 2023

Bob Coffey, Executive Vice President
Nuclear and Chief Nuclear Officer
Florida Power and Light Company
700 Universe Blvd.
MAIL STOP: EX/JB
Juno Beach, FL 33408

SUBJECT: ST. LUCIE PLANT, UNITS 1 AND 2 – SECURITY BASELINE INSPECTION
REPORT 05000335/2023420 AND 05000389/2023420

Dear Bob Coffey:

On February 14, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at St. Lucie Plant Units 1 and 2, and discussed the results of this inspection with Orlando Hernandez 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* (10 CFR) Section 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

A handwritten signature in black ink that reads "Jeff K. Clark".

Signed by Clark, Jefferson
on 03/21/23

Jefferson K. Clark, Chief
Security Performance Evaluation Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

Docket Nos. 05000335 and 05000389
License Nos. DPR-67 and NPF-16

Enclosure:
As stated

cc w/ encl: Orlando Hernandez, Security Manager
Orlando.Hernandez@fpl.com

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

Docket Numbers: 05000335 and 05000389

License Numbers: DPR-67 and NPF-16

Report Numbers: 05000335/2023420 and 05000389/2023420

Enterprise Identifier: I-2023-420-0000

Licensee: Florida Power and Light Company

Facility: St. Lucie Plant, Units 1 and 2

Location: Jensen Beach, Florida

Inspection Dates: January 09, 2023, to February 14, 2023

Inspectors: D. Bradfield, Team Leader, NSIR
J. Brown, Sr. Physical Security Inspector, RII
P. Negrete, Physical Security Inspector, NSIR
R. Ober, Sr. Physical Security Inspector, NSIR

Approved By: Jefferson K. Clark, Chief
Security Performance Evaluation Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at St. Lucie Plant Units 1 and 2, 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

71130.03 - Contingency Response - Force-On-Force Testing (1 Sample)

- (1) NRC inspectors completed the Contingency Response – Force-on-Force (FOF) Testing inspection procedure by evaluating the licensee's performance in implementing the physical protection program to detect, assess, interdict, and neutralize threats up to, and including, the design basis threat of radiological sabotage. Two NRC-evaluated FOF exercises were conducted for the evaluation.

REPORT ATTACHMENTS

Supplemental Information for the report is considered Safeguards Information and is located separately within the NRC's Safeguards Information Local Area Network and Electronic Safe database (SLES), under NS125994.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On February 14, 2023, the inspectors presented the security baseline inspection results to Orlando Hernandez and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.03	Corrective Action Documents Resulting from Inspection	AR 02445610 AR 02445687 AR 02445689 AR 02445691 AR 02447382	Corrective Action Assignments	02/14/2023
		RWT02445503 (17 subtasks)	Roll-up developed to track enhancements through 2023 Inspection activities	02/14/2023
	Miscellaneous	Florida Power and Light St. Lucie	St. Lucie Plant Target Sets	4
		Florida Power and Light St. Lucie	Strategy Brief	04/22/2019
		Florida Power and Light St. Lucie	St. Lucie Table of Security Personnel	10/10/2022
		Florida Power and Light St. Lucie	PSL Adversary Timelines	08/04/20
		Florida Power and Light St. Lucie	Responder Timelines	None Listed
		Nuclear Fleet Security Lesson Plan	Room Clearing	Rev. 02
	Procedures	Florida Power and Light St. Lucie	Physical Security Plan, Training And Qualification Plan, Safeguards Contingency Plan And Independent Spent Fuel Storage Installation Security Program	Revision 23
		Florida Power and Light St. Lucie	Defensive Strategies	06/29/2022

ST. LUCIE PLANT, UNITS 1 AND 2 – SECURITY BASELINE INSPECTION REPORT 05000335/2023420 AND 05000389/2023420 DATE March 21, 2023

DISTRIBUTION:

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OFFICE	NSIR/DSO/SPEB /ETC	NSIR/DSO/SPEB /ETC	R-II/DRS/PSB	NSIR/DSO/SPEB /ETA
NAME	ROber <i>RO</i>	DBradfield <i>DB</i>	JBrown <i>JB</i>	JClark <i>JC</i>
DATE	Mar 20, 2023	Mar 21, 2023	Mar 21, 2023	Mar 21, 2023

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