



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

July 09, 2026

Robert Coffey
Executive Vice President
Nuclear Division and Chief Nuclear Officer
Florida Power and Light Company
700 Universe Blvd.
Mail Stop: EX/JB
Juno Beach, FL 33408

SUBJECT: ST. LUCIE PLANT – SECURITY BASELINE INSPECTION REPORT
05000335/2026401 AND 05000389/2026401

Dear Robert Coffey:

On June 25, 2026, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at St. Lucie Plant and discussed the results of this inspection with Tim Falkiewicz 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 and at the NRC Public Document Room in accordance with Title 10 of the <http://www.nrc.gov/reading-rm/adams.html> Code of Federal Regulations 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

A handwritten signature in cursive script that reads "Jannette Worosilo".

Signed by Jannette Worosilo on 07/09/26

Jannette G. Worosilo, Chief
Physical and Cyber Security Branch
R2 Division of Reactor Safety

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

Enclosure:
As stated

cc w/ encl: GovDelivery Subscriber

U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Numbers: 05000335 and 05000389

License Numbers: DPR-67 and NPF-16

Report Numbers: 05000335/2026401 and 05000389/2026401

Enterprise Identifier: I-2026-401-0049

Licensee: Florida Power and Light Company

Facility: St. Lucie Plant

Location: Jensen Beach, FL

Inspection Dates: June 22, 2026 to June 25, 2026

Inspectors: J. Stovall, Physical Security Inspector

Approved By: Jannette G. Worosilo, Chief
Physical and Cyber Security Branch
R2 Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at St. Lucie Plant, 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 for more information. <https://www.nrc.gov/reactors/operating/oversight.html>

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 . 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. <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>

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: 12 Requirements (02.01 a, c, d; 02.02 c - f; 02.03 a; 02.04 a, d, e; 02.05 a)
 - Tier II: 6 Requirements (02.06 a, c; 02.08 a, b, c, i)
 - Tier III: 1 Requirement (02.09)

71130.09 - Security Plan Changes

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

Security Plan Changes (1 Sample)

- (1) Since the last NRC baseline inspection of this program area, Security Plan Revision 24 to 25 was implemented. Based on St. Lucie's evaluation, and in accordance with 10 CFR 50.54(p)(2), the change(s) resulted in no decrease in safeguards effectiveness of the security plan and the revised security plan change(s) continues to meet the requirements of 10 CFR 73.55(b). The inspector(s) conducted a review of the security plan change(s) to evaluate for a potential decrease in safeguards effectiveness of the security plan; however, this review does not constitute formal NRC approval of those change(s). Therefore, the change(s) remain subject to future NRC inspection in their entirety.

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) April 1, 2025 through May 31, 2026

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On June 25, 2026, the inspector presented the security baseline inspection results to Tim Falkiewicz 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	AR 02549179	Vehicle Search Procedure	06/24/2026
71130.02	Corrective Action Documents Resulting from Inspection	AR 02549181	Stand Alone Log-ins	06/24/2026
71130.02	Miscellaneous		HP Laser Jet 400 Color M451dw Configuration Report	
71130.02	Miscellaneous		Vital Key and Core Inventory	04/09/2026
71130.02	Miscellaneous	RPT# JNA25-002	Fleet Nuclear Assurance Audit Report	5/16/25
71130.02	Miscellaneous	Safeguards Event Quarterly Log	Fourth Quarter - October 1, 2025 through December 31, 2025	
71130.02	Miscellaneous	Safeguards Event Quarterly Log	Third Quarter - July 1, 2025 through September 30, 2025	
71130.02	Miscellaneous	Safeguards Event Quarterly Log	First Quarter - January 1, 2026 through March 31, 2026	
71130.02	Miscellaneous	Safeguards Event Quarterly Log	Second Quarter - April 1, 2026 through June 30, 2026	
71130.02	Procedures		Safeguards Information Controllers and Authorized Safeguards Encryption Users St. Lucie Security	05/01/2023
71130.02	Procedures	SFI 1	Access Control	Revision 82
71130.02	Procedures	SFI 1114 Attachment 1	Vital Key / Core Rotation Checklist	04/09/2026
71130.02	Procedures	SFI 1114 Attachment 2	Key Charge-out Log	06/24/26
71130.02	Procedures	SFI 114	Security Keys and Cores	Revision 13
71130.02	Procedures	SFI 2001	East and North Security Building Operations	Revision 07
71130.02	Procedures	SFI 2005		Revision 17
71130.02	Procedures	SFI 2100	Protected Area Access Control - Routine	Revision 17
71130.02	Procedures	SFI 2501	Scheduled and Unscheduled Security Computer, CCTV,	Revision 7

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			IMUX/SDM, or AUSS Outages	
71130.02	Procedures	SFI 3006	Compensatory Measures - Failure or Degradation of Security Equipment or Barriers	Revision 23
71130.02	Procedures	SFI 3011 Attachment 1	Card Key Transaction Form	Revision 13
71130.02	Procedures	SY-AA-102-1000	Safeguards Information Program	Revision 22
71130.02	Procedures	SY-AA-102-1020	Security Badge Control and Use	Revision 6
71130.02	Procedures	SY-AA-102-1021	Conduct of Personnel Searches	Revision 18
71130.02	Procedures	SY-AA-102-1022	Vehicle and Material Searches	Revision 16
71130.02	Procedures	SY-AA-102-1022-F01	Vehicle Search Checklist	Revision 03
71130.02	Procedures	SY-AA-102-1022-F02	Vehicle / Material / Container Search Log	Revision 03
71130.02	Procedures	SY-AA-102-1022-F03	SRI - Warehouse Material Security Search Checklist	Revision 08
71130.02	Procedures	SY-AA-102-1024	Escorting Vehicles and Materials	Revision 5
71130.02	Procedures	SY-AA-102-1029	Controlling Gates and Vehicle Barriers	Revision 5
71130.09	Miscellaneous		Change Synopsis for Plant St. Lucie Physical Security Plan, Revision 25	
71130.09	Miscellaneous		Plant St. Lucie 50.54(p) Submittal	04/15/2026
71130.09	Procedures	Florida Power and Light St. Lucie Physical Security Plan	Physical Security Plan, Training and Qualification Plan, Safeguards Contingency Plan, and Independent Spent Fuel Storage Installation Security Program.	Revision 25
71130.09	Procedures	Florida Power and Light St. Lucie Physical Security Plan	Physical Security Plan, Training and Qualification Plan, Safeguards Contingency Plan, and Independent Spent Fuel Storage Installation Security Program.	Revision 24
71130.09	Procedures	SY-AA-200	Security Plans, Changes or Revisions	Revision 3
71130.09	Procedures	SY-AA-200-1000	Physical Security Plan Revisions	Revision 18
71151	Procedures	PSL Security Department Security Equipment	Enclosure 1 Protected Area (PA) Security Equipment Performance Index April 2026	05/01/2026

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		Performance Index		
71151	Procedures	PSL Security Department Security Equipment Performance Index	Enclosure 1 Protected Area (PA) Security Equipment Performance Index May 2026	06/02/2026
71151	Procedures	SY-AA-102-1035	Security Performance Assessment Program	Revision 14
71151	Procedures	SY-AA-102-1035	Security Performance Assessment Program Attachment 2 - NRC Performance Indicator Data Sheet 2nd Quarter 2025	Revision 14
71151	Procedures	SY-AA-102-1035	Security Performance Assessment Program Attachment 2 - NRC Performance Indicator Data Sheet 3rd Quarter 2025	Revision 14
71151	Procedures	SY-AA-102-1035	Security Performance Assessment Program Attachment 2 - NRC Performance Indicator Data Sheet 4th Quarter 2025	Revision 14
71151	Procedures	SY-AA-102-1035	Security Performance Assessment Program Attachment 2 - NRC Performance Indicator Data Sheet 1st Quarter 2026	Revision 14

Robert Coffey

SUBJECT: ST LUCIE PLANT SECURITY BASELINE INSPECTION REPORT 05000335 2026401 AND 05000389 2026401 DATED:
July 09, 2026

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