



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

June 20, 2023

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

SUBJECT: ST. LUCIE NUCLEAR PLANT – SECURITY BASELINE INSPECTION REPORT
05000335/2023402 AND 05000389/2023402

Dear Bob Coffey:

On May 25, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at St. Lucie Nuclear Plant and discussed the results of this inspection with Mr. 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* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

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

Signed by Worosilo, Jannette
on 06/20/23

Jannette G. Worosilo, Chief
Plant Support Branch
Division of Reactor Safety

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

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

SUBJECT: ST. LUCIE NUCLEAR PLANT – SECURITY BASELINE INSPECTION REPORT
05000335/2023402 AND 05000389/2023402 Dated June 20, 2023

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OFFICE	RII/DRS/PSB	RII/DRS/PSB	RII/DRS/PSB	RII/DRS/PSB	
NAME	J. Wallo	J. Brown	R. Womack	J. Worosilo	
DATE	06/20/23	06/20/23	06/20/23	06/20/23	

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

Docket Numbers: 05000335 and 05000389

License Numbers: DPR-67 and NPF-16

Report Numbers: 05000335/2023402 and 05000389/2023402

Enterprise Identifier: I-2023-402-0008

Licensee: Florida Power & Light Company

Facility: St. Lucie Nuclear Plant

Location: Jensen Beach, Fl

Inspection Dates: May 22, 2023 to May 25, 2023

Inspectors: J. Brown, Senior Physical Security Inspector
J. Wallo, Senior Physical Security Inspector
R. Womack, Physical Security Inspector

Approved By: Jannette G. Worosilo, Chief
Plant Support Branch
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 Nuclear 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 <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

71130.02 - 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: 8 Requirements 02.06 a-d, 02.07 a, 02.08 a, b, e
 - Tier III: 1 Requirement 02.09

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP dated January 1, 2019:

Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: (02.09 a, b, 02.11 d, 02.13 a)
 - Tier III: (02.15 b, c)

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: 02.05 a - c, 02.06 a, 02.09 a - b
 - Tier III: 02.12 a - b, 02.13 a - c

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 inspection of this program area, Security Plan Revision 27, was implemented based on your determination, in accordance with 10 CFR 50.54(p)(2), that the changes resulted in no decrease in safeguards effectiveness of the security plan, and that the revised security plan continues to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for potential decrease in safeguards effectiveness of the security plan. However, this review does not constitute formal NRC approval of the changes. Therefore, these changes 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) May 1, 2022, through May 1, 2023

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 25, 2023, the inspectors presented the security baseline inspection results to Mr. Orlando Hernandez and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	02421126		
		02425844		
		02445610		
		02458626		
		02458627		
		02458629		
		02458631		
		2425532		
	Procedures	SFI-01	Access Control	Revision 81
		SFI-1114	Security Keys and Cores	Revision 13
		SY-AA-101-1015	Requesting, Maintaining, and Terminating Unescorted Access	Revision 5
		SY-AA-102-1000	Safeguards Information Program	Revision 21
		SY-AA-102-1021	Conduct of Personnel Searches	Revision 16
		SY-AA-102-1022	Vehicle and Material Search	Revision 14
Self-Assessments	PI-AA-100-1007	Issue Investigation for Procedural Guidance	04/22/2022	
71130.04	Corrective Action Documents	AR 02244198		
		AR 02246802		
		AR 02255490		
		AR 02295915		
		AR 02339819		
		AR 02339821		
		AR 02369782		
		AR 02370275		
		AR 02394734		
		AR 02444939		
		AR 02445555		
		AR 02455580		
		Corrective Action Documents Resulting from	AR 02404431	
	AR 02418661			
	AR 02440167			

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Inspection	AR 02445330		
		AR 02447224		
		AR 02455828		
	Procedures	1-OSP-69.13A	ESF - Staggered 36 Month Surveillance For SIAS/CIS/CSAS - Train A & B	Revision 48
		PSL-ENG-SENS-06-050	Evaluation of Plant Barriers	Revision 6
		SFI 1106	Security Supervisors	Revision 30
		SFI 2012	Hi-Scan 7555i XS-Ray System Operation	
		SFI 2304	Search Equipment Testing	Revision 6
		SFI 2311	East Security Building IDS Performance Testing	Revision 2
		SFI 2403	Alarm Response and Assessment	Revision 14
		SY-AA-102-1015	Safety / Security Interface	Revision 18
		SY-AA-102-1033	Security Equipment Testing	Revision 5
71130.07	Miscellaneous	CT-04	Conduct Personnel Searches	
		CT-05	Perform Material Search	
		CT-06	Perform Vehicle Search	
		CT-22	Comply with Physical Fitness Performance Requirements	
		CT-27	Tactical Weapons Qualification	
		LP-CT-04	Lesson Plan - Conduct Personnel Searches	
		LP-CT-05	Lesson Plan - Perform Material Search	
		LP-CT-06	Lesson Plan - Perform Vehicle Search	
		LP-CT-22	Lesson Plan - Comply with Physical Fitness Performance Requirements	
	Procedures	LP-CT-27	Lesson Plan - Tactical Weapons Qualification	
		SY-AA-102-1001	Security Training	Rev. 8
		SY-AA-102-1002	New Hire Training and Qualification	Rev. 6
		SY-AA-102-1007	Graded Systematic Approach to Security Training	Rev. 8
		SY-AA-102-1022-F01	Vehicle Search Checklist	Rev. 10
		SY-AA-102-1022-F02	Vehicle / Material / Container Search Log	Rev. 3
		SY-AA-102-1022-	Warehouse Material Security Checklist	Rev. 7

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		F03		
		SY-AA-102-1022-F04	Material Search Notification Form	Rev. 2
71151	Miscellaneous		Various Performance Indicator Documents	
	Procedures	LI-AA-100-10003	NRC Performance Indicators	Revision 4