



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

December 14, 2021

Mr. Mano Nazar  
President and Chief Nuclear Officer Nuclear Division  
Florida Power & Light Company  
Mail Stop EX/JB 700 Universe Blvd  
Juno Beach, FL 33408

SUBJECT: ST LUCIE UNITS 1 AND 2 – SECURITY BASELINE INSPECTION REPORT  
05000335/2021403 AND 05000389/2021403

Dear Mr. Nazar:

On November 12, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at ST LUCIE UNITS 1 AND 2. On November 10, 2021, the NRC inspectors discussed the results of this inspection with Mr. Dan Deboer, Site Vice President 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,

*/RA/*

Scott M. Shaeffer, Chief  
Engineering Br 2  
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 UNITS 1 AND 2 – SECURITY BASELINE INSPECTION REPORT  
05000335/2021403 AND 05000389/2021403 Dated December 14, 2021

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OFFICE	RII/DRS	RII/DRS			
NAME	L. Jones	S. Shaeffer			
DATE	12/14/2021	12/14/2021			

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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: 05000335/2021403 and 05000389/2021403

Enterprise Identifier: I-2021-403-0007

Licensee: Florida Power & Light Company

Facility: ST LUCIE UNITS 1 AND 2

Location: ST LUCIE, FL

Inspection Dates: November 08, 2021 to November 12, 2021

Inspectors: L. Jones, Senior Reactor Inspector  
M. Singletary, Reactor Inspector

Approved By: Scott M. Shaeffer, Chief  
Engineering Br 2  
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 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

### 71130.14 - Review of Power Reactor Target Sets

#### Review of Power Reactor Target Sets (1 Sample)

(1) Power Reactor Target Sets (1 Sample)

Section 02.01 Review of Events and Logs

The inspector reviewed any licensee event reports, safeguards log entries, and corrective action program entries since the last Target Set inspection that concern the target set identification, development, and maintenance program.

Section 02.02 Target Set Identification and Development Process Review

The inspector assessed the licensee's documentation and maintenance of the process used to develop and identify complete and accurate target sets as required by 10 CFR Part 73 by reviewing applicable portions of procedures and samples of records and conducting interviews with responsible personnel and plant employees.

Section 02.03 Verification of Target Sets Changes

The inspector reviewed changes to the licensee's documented target sets since the last Target Set inspection. The inspector verified that any design modifications and procedure or configuration changes that have occurred were appropriately documented in the site's target sets.

Section 02.04 Verification of Complete and Accurate Target Sets

The inspector interviewed licensee personnel and reviewed a sample of target sets for reactor operation and for modes other than operation. The inspector reviewed assumptions used in the licensee's development of its target sets.

Section 02.05 Physical Protection Program Review

The inspector verified that the licensee performed a review of target sets for accuracy, completeness, and applicability at least every 24 months and as otherwise required, documented the results and recommendations, and entered findings in the site's corrective action program (CAP).

[List requirements: 02.02 (a-d, f), 02.03, 02.04 (a-b), 02.05][List requirements: 02.02 (a-d, 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 November 10, 2021, the inspectors presented the security baseline inspection results to Mr. Dan Deboer, Site Vice President and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.14	Corrective Action Documents Resulting from Inspection	AR 02410903		
		AR 2410901		
	Procedures	1-EOP-10		
		1-FSG-04		
		SY-AA-102-1015		
		SY-AA-102-1036		