



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

March 11, 2024

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: TURKEY POINT NUCLEAR PLANT, UNITS 3 & 4 – SECURITY BASELINE  
INSPECTION REPORT 05000250/2024420 AND 05000251/2024420

Dear Bob Coffey:

On February 29, 2024, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Turkey Point Nuclear Plant, Units 3 & 4. On February 29, 2024, the NRC inspectors discussed the results of this inspection with Carlos Santos, Nuclear Organization Effectiveness Site Director, 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 black ink that reads "Jeff K. Clark".

Signed by Clark, Jefferson  
on 03/11/24

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

Docket Nos. 05000250 and 05000251  
License Nos. DPR-31 and DPR-41

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®  
Michael Strobe, [Michael.Strobe@fpl.com](mailto:Michael.Strobe@fpl.com)  
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**U.S. NUCLEAR REGULATORY COMMISSION  
Inspection Report**

Docket Numbers: 05000250 and 05000251

License Numbers: DPR-31 and DPR-41

Report Numbers: 05000250/2024420 and 05000251/2024420

Enterprise Identifier: I-2024-420-0002

Licensee: Florida Power & Light Company

Facility: Turkey Point Nuclear Plant, Units 3 & 4

Location: Florida City, Florida

Inspection Dates: February 05, 2024 to March 01, 2024

Inspectors: J. Berry, Team Leader, NSIR  
P. Coughlin, Senior Physical Security Inspector, NSIR  
T. Eck, Physical Security Inspector, NSIR  
D. Hostetter, Senior Physical Security Inspector, NSIR  
J. Justice, Senior Physical Security Inspector, RII

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

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Turkey Point Nuclear Plant, Units 3 & 4, 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

#### 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 NS126051.

## **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 29, 2024, the inspectors presented the security baseline inspection results to Carlos Santos, Nuclear Organization Effectiveness Site Director, 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	02474326	2024 PTN Security Training for FOF Tracking	12/12/2023
		02478822	2024 EFOF Pre-week BBRW Gun port Weather Stripping Degraded	02/09/2024
		02478823	2024 EFOF Pre-week NRC Identified Timeline Verbiage	02/09/2024
		02478824	2024 EFOF Pre-week NRC Identified Unattended Pathway	02/09/2024
		02478828	2024 EFOF Planning Week Issues Identified	02/09/2024
		02478829	2024 EFOF Pre-week NRC Identified Target Set Verbiage	02/09/2024
		02479615	Tracking AR to document annual and quarterly FOF drills	02/21/2024
		02480005	Evaluate Effect of MILES Equipment in Hydrogen Areas	02/29/2024
		02480006	Conduct Training on Security Computer/Camera System	02/26/2024
		02480225	2024 Security EFOF Improvement Actions	02/29/2024
		02480237	Controller Identified Not Using Drill Equipment	02/29/2024
		02480240	Controller Message to Player During Exercise	02/29/2024
		02480245	Equipment Issuance Area	02/29/2024
		02484095	Equipment Issuance Area	03/04/2024
		Engineering Evaluations	PTN-ENG-SENS-04-006	Turkey Point Units 3 & 4, Engineering Evaluation for the Use of Multiple Integrated Laser Engagement System during Force-on-Force Exercises
PTN-SY-026	Turkey Point Target Sets		9/23/2022, Rev 5	
Miscellaneous		Turkey Point Nuclear Station, Protective Strategy Brief 2024 FOF		
	LP-CT-27	Nuclear Fleet Security Lesson Plan, Tactical Weapons Qualification		
	LP-CT-9	Nuclear Fleet Security Lesson Plan, Conduct Security Communications		
	LP-FF	Nuclear Fleet Security Lesson Plan, Familiarization Fire		
	LP-SY-AA-102-1008	Nuclear Fleet Security Lesson Plan, Drill & Exercise Controller Training		
Procedures		Florida Power & Light, Turkey Point Nuclear Plant Physical Security, Safeguards Contingency and Training & Qualification Plan	8/31/2023, Rev 23	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		PTN-SY-002	Turkey Point Plant Administrative Procedure, Site Specific Security Equipment Testing	8/31/2023, Rev 27
		PTN-SY-005	Turkey Point Plant Administrative Procedure, Independent Spent Fuel Storage Installation	7/2/2021, Rev 4
		PTN-SY-003	PA Access Control	Revision 13
		PTN-SY-008	Turkey Point, Protected Area / Vital Area and IMP Patrols	1/30/2023, Rev 2
		PTN-SY-025	Florida Power & Light Company, Turkey Point Nuclear Plant Procedure, Turkey Point Security Defensive Strategy Plan	8/31/2023, Rev 21
		PTN-SY-029	Turkey Point Plant Administrative Procedure, LLEA Integrated Response Plan	8/2/2021, Rev1
		SY-AA-102-1003	Nuclear Fleet Administrative Procedure, Firing Range Operations	5/31/2021, Rev 11
		SY-AA-102-1008	Nuclear Fleet Administrative Procedure, Security Drills and Exercises	5/9/2022, Rev 16
		SY-AA-102-1032	Nuclear Fleet Administrative Procedure, Use of Force	6/19/2019, Rev 3
		SY-AA-102-1033	Nuclear Fleet Administrative Procedure, Security Equipment Testing	7/17/2018, Rev 5

TURKEY POINT NUCLEAR PLANT, UNITS 3 & 4 – SECURITY BASELINE INSPECTION REPORT  
 05000250/2024420 AND 05000251/2024420 DATE March 11, 2024

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