



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

June 12, 2023

Bob Coffey
Executive Vice President, Nuclear and Nuclear Chief 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 05000250/2023402 AND 05000251/2023402

Dear Bob Coffey:

On May 25, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Turkey Point Nuclear Plant, Units 3&4 and discussed the results of this inspection with Antonio Lopez 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 06/12/23

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

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

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

SUBJECT: TURKEY POINT NUCLEAR PLANT, UNITS 3&4 – SECURITY BASELINE INSPECTION REPORT 05000250/2023402 AND 05000251/2023402 Dated June 12, 2023

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NAME	J. Tornow	A. Richardson	J. Justice	J. Worosilo	
DATE	06/08/23	06/08/23	06/09/23	06/12/23	

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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: 05000250/2023402 and 05000251/2023402

Enterprise Identifier: I-2023-402-0009

Licensee: Florida Power & Light Company

Facility: Turkey Point Nuclear Plant, Units 3&4

Location: Homestead, FL

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

Inspectors: J. Justice, Senior Physical Security Inspector
A. Richardson, Physical Security Inspector
J. Tornow, 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 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

71130.02 - 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: 02.06(a - d), 02.08(a,c,d,e)
 - Tier III: (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, b, c), 02.06(a, b), 02.07(a)
 - Tier III: 02.10, 02.11(a), 02.12(a), 02.13(a, b)

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, Turkey Point Physical Security Plan Revision 22, dated August 2, 2022, 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) January, 2022 through May, 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. Antonio Lopez and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
71130.02	Corrective Action Documents	02425844			
		02408172			
		02377585			
		02329189			
		02432856			
		02454865			
			02425532		
	Procedures	0-ADM-406	Security Key and Lock System	Rev 1	
		PTN-SY-001	Emergency Evacuation and Accountability	Rev 2	
		PTN-SY-003	Protected Area Access Control	Rev 11	
		PTN-SY-023	Owner Controlled Area Operations	Rev 9	
		PTN-SY-032	Access During Drills and Emergency	Rev 3	
		PTN-SY-033	Containment Access Control	Rev 4	
		PTN-SY-034	Control, Issue, and Display of Badges	Rev 1	
		SY-AA-102-1000	Safeguards Information Program	Rev 21	
		SY-AA-102-1020	Security Badge Control and Use	Rev 5	
SY-AA-102-1021		Conduct of Personnel Searches	Rev 16		
SY-AA-102-1022	Vehicle and Material Searches	Rev 14			
SY-AA-102-1023	Visitor Access Control	Rev 11			
SY-AA-102-1024	Escorting Vehicles and Materials	Rev 5			
SY-AA-102-1029	Controlling Gates and Vehicle Barriers	Rev 5			
71130.04	Procedures	PTN-SY-002	Site Specific Security Equipment Testing	Rev. 25	
		PTN-SY-017	Vehicle Barrier System	Rev. 13A	
		PTN-SY-038	Site Specific Protective Mask Program	Rev. 1	
		SY-AA-102-1025	Weapons Maintenance	Rev. 9	
		SY-AA-102-1028	Security Systems and Equipment Compensatory Measures	Rev. 6	
		SY-AA-102-1029	Controlling Gates and Vehicle Barriers	Rev. 5	
		SY-AA-102-1033	Security Equipment Testing	Rev. 5	
	Work Orders	AR 02416211	NEB LANE X SCAN RAY	01/16/2022	
		AR 02416234	AIR PUMP WARNING XX EXPLOSIVE MONITOR	01/16/2022	
		AR 02416248	SEL 2022-Q1-001 EQUIPMENT FAILURE	01/17/2022	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		AR 02416781	NEB EXPLOSIVE DETECTOR O/O/S	01/22/2022
		AR 02416827	SEL 2022-Q1-003 EQUIPMENT CONDITION AFFECTING PIDS	01/23/2022
71130.07	Corrective Action Documents	02415742		
		02417329		
		02418605		
	Procedures	SY-AA-102-1001	Security Training	Revision 8
		SY-AA-102-1002	New Hire Training Qualification	Revision 5
		SY-AA-102-1008	Security Drills and Exercises	Revision 16
		SY-AA-102-1010	Adversary Force Training	Revision 4
	SY-AA-102-1011	Tampering	Revision 11	
71130.09	Procedures		Turkey Point Physical Security Plan	Rev 22
		SY-AA-200-1000	Physical Security Plan Revisions	Rev 17
71151	Miscellaneous		Various Safeguards Event Logs and Equipment Reports	