



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

June 23, 2021

Mr. Orlando Hernandez
Security Manager
Florida Power & Light Company
6501 South Ocean Drive
Jensen Beach, FL 34957

SUBJECT: ST. LUCIE NUCLEAR PLANT – SECURITY BASELINE INSPECTION REPORT
05000335/2021401 AND 05000389/2021401

Dear Mr. Hernandez:

On May 14, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at St. Lucie Nuclear Plant and discussed the results of this inspection with D. DeBoer 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/

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
05000335/2021401 AND 05000389/2021401- DATED June 23, 2021

DISTRIBUTION:

N. Simonian, NSIR
 Daryl Johnson, NSIR
 Dante Johnson, NSIR
 R. Richardson, NSIR
 T. Keene, NSIR
 F. Sullivan, NSIR
 A. Letourneau, NSIR
 J. Rubenstone, NMSS
 D. Dumbacher, RII
 D. Orr, RII
 S. Roberts, RII
 J. Hamman, RII
 M. Kowal, RII
 S. Price, RII,
 L. Gibson, RII
 RidsNrrPmSt.Lucie Resource
 RidsNrrDro Resource
 PUBLIC

ADAMS ACCESSION NUMBER: **ML21174A096**

| | | | | | |
|--|-----------|---|-----------|---|-------------|
| <input checked="" type="checkbox"/> SUNSI Review | | <input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive | | <input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available | |
| OFFICE | RII/DRS | RII/DRS | RII/DRS | RII/DRS | RII/DRS |
| NAME | J. Wallo | A. Richardson | I. Hall | J. Tornow | J. Worosilo |
| DATE | 6/22/2021 | 6/21/2021 | 6/21/2021 | 6/21/2021 | 6/23/2021 |

OFFICIAL RECORD COPY

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

Docket Numbers: 05000335 and 05000389

License Numbers: DPR-67 and NPF-16

Report Numbers: 05000335/2021401 and 05000389/2021401

Enterprise Identifier: I-2021-401-0032

Licensee: Florida Power & Light Company

Facility: St. Lucie Nuclear Plant

Location: Jensen Beach, Florida

Inspection Dates: April 19, 2021 to May 14, 2021

Inspectors: I. Hall, Physical Security Inspector
A. Richardson, Physical Security Inspector
J. Tornow, Physical Security Inspector
J. Wallo, Senior Physical Security Inspector
S. Seaton, Project Engineer, (Training)

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

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 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. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

SAFEGUARDS

71130.01 - Access Authorization

The inspectors evaluated the access authorization program. The following elements were evaluated:

Access Authorization (1 Sample)

- (1) Tier I: All Requirements
Tier II: None
Tier III: 02.09

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: None
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.

Equipment Performance, Testing, and Maintenance (1 Sample)

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

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: 02.04, 02.01(a), 02.02(a - h), 02.03(a - e), 02.04(a - b)
Tier II: None
Tier II: 02.10

71130.08 - Fitness For Duty Program

The inspectors evaluated the fitness for duty program by completing the following inspection elements.

Fitness For Duty Program (1 Sample)

- (1) Tier I: All Requirements
Tier II: 02.05(d,e,h,j) 02.05(k), 02.06(b,d,e,f), 02.07(a,c,d), 02.05(a,l), 02.06(g)
Tier III: None

71130.09 - Security Plan Changes

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

Review Security Plan Changes (IP Section 02.01) (1 Sample)

- (1) Since the last NRC inspection of this program area, Security Plan Revision 21 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 changed 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 03.17) (1 Sample)

- (1) Units 1 and 2: April 2020 through April 2021

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 14, 2021, the inspectors presented the security baseline inspection results to D. DeBoer and other members of the licensee staff.

DOCUMENTS REVIEWED

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|--|--|---|------------------|
| 71130.01 | Corrective Action Documents | AR 2365903 | | |
| | Miscellaneous | | Various Employee and Contractor UAA Records | |
| | Procedures | SY-AA-101-1000 | Access Authorization | 12 |
| | | SY-AA-101-1009 | Reinvestigation | 2 |
| | | SY-AA-101-1010 | Critical Group | 8 |
| | | SY-AA-101-1013 | Arrest Reporting | 1 |
| SY-AA-101-1015 | | Requesting, Maintaining & Termination of Unescorted Access | 5 | |
| 71130.02 | Procedures | SY-AA-102-1021 | Conduct of Personnel Searches | 13 |
| | | SY-AA-102-1022 | Vehicle and Material Search | 12 |
| | | SY-AA-102-1023 | Visitor Access Control | 8 |
| 71130.04 | Procedures | SFI 1109 | Security Post Inventory and Inspections | 25 |
| | | SFI 1113 | Master Inventory of Security Contingency Equipment | 5 |
| | | SFI 2012 | HI-Scan 7555i X-Ray System Operations | 1 |
| | | SFI 2013 | GE Entry Scan 4 Explosive Detector Operations | 2 |
| | | SFI 2014 | Model HS4 + LC Metal Detector Operations | 2 |
| | | SFI 2014 | Model HS4+LC Metal Detector Operations | 2 |
| | | SFI 2015 | CEIA SMD 600 Metal Detector Operations | 2 |
| | | SFI 2017 | Rapiscan 632DV Dual View Cargo X-Ray Machine Operations | 2 |
| | | SFI 2020 | Armory Operations | 19 |
| | | SFI 2303 | SDM Components, IMUX's/PTZ/Thermal Camera Testing | 10 |
| | | SFI 2304 | Search Equipment Testing | 4 |
| | | SFI 2310 | Perimeter Intrusion Detection System Operability Testing | 7 |
| | | SFI 2311 | East Security Building IDS Performance Testing | 2 |
| | | SFI 2312 | Peri Field-M and Video Assessment Performance Testing | 8 |
| | | SFI 2313 | Quad-Stack Microwave & Video Assessment Performance Testing | 4 |
| SFI 2315 | SOCA Operability Testing | 1 | | |
| SFI 3011 | Security Computer Badging and Hand Geometry Instructions | 8 | | |

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|----------------|--------------------|---|------------------|
| | | SY-AA-102-1018 | Control of Security Sensitive Equipment | 8 |
| | | SY-AA-102-1025 | Weapons Maintenance | 7 |
| 71130.07 | Procedures | SY-AA-102-1001 | Security Training | 7 |
| | | SY-AA-102-1007 | Graded Systematic Approach to Training | 7 |
| | | SY-AA-102-1032 | Use of Force | 3 |
| 71130.08 | Miscellaneous | | Various Specimen Collectors FFD Training Records | |
| | Procedures | AD-AA-101-1004 | Work Hour Controls | 22 |
| | | SY-AA-100 | Fitness for Duty Program Description | 2 |
| | | SY-AA-100-1000 | Fitness for Duty | 11 |
| | | SY-AA-100-1002 | Urinalysis Collection | 10 |
| | SY-AA-100-1011 | Fatigue Management | 9 | |
| 71151 | Miscellaneous | | Various IDS Performance, Tracking, and Availability Documents | 2020-2021 |