



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

March 3, 2020

Mr. Don Moul  
Vice President, Nuclear Division and Chief  
Nuclear Officer  
Florida Power & Light Company  
Mail Stop: NT3/JW  
15430 Endeavor Drive  
Jupiter, FL 33478

SUBJECT: ANNUAL ASSESSMENT LETTER FOR TURKEY POINT NUCLEAR  
GENERATING STATION UNIT 3 AND UNIT 4 – REPORT 05000250/2019006  
AND 05000251/2019006

Dear Mr. Moul:

The Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance assessment of Turkey Point Nuclear Generating Station Unit 3 and Unit 4, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2019, through December 31, 2019. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at Turkey Point Nuclear Generating Station Unit 3 and Unit 4, during the most recent quarter, was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2021. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule. The inspections listed during the last 12 months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

Additionally, during this period the NRC will schedule an additional inspection per a revised version Temporary Instruction (TI) 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerability in Electrical Power Systems (NRC Bulletin 2012-01)" for any sites who elect to implement the guidance of the Industry Initiative on Open Phase Condition, Revision 3 (ML19163A176), which included an option for relying on annunciation and operator manual actions instead of automatic protective features to isolate a power supply affected by an open phase condition. Licensees will be individually notified when the NRC schedules these inspections.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Please contact me at 404-997-4603 with any questions you have regarding this letter.

Sincerely,

/RA/

Randall A. Musser, Chief  
Reactor Projects Branch 3  
Division of Reactor Projects

Docket Nos.: 50-250, 50-251  
License Nos.: DPR-31, DPR-41

Enclosure:  
Turkey Point Inspection/Activity Plan  
(03/01/2020 – 12/31/2021)

cc Distribution via ListServ

SUBJECT: ANNUAL ASSESSMENT LETTER FOR TURKEY POINT NUCLEAR  
GENERATING STATION UNIT 3 AND UNIT 4 – REPORT 05000250/2019006  
AND 05000251/2019006 dated March 3, 2020

**DISTRIBUTION:**

M. Kowal, RII  
L. Gibson, RII  
RIDSNRRDRO  
RidsNrrPMTurkeyPoint Resource  
ROPassessment.Resource  
ROPreports Resource  
PUBLIC

**ADAMS Accession No. ML 20063N822**

|        |             |             |             |  |  |
|--------|-------------|-------------|-------------|--|--|
| OFFICE | RII:DRP/PB3 | RII:DRP/PB3 | RII:DRP/PB3 |  |  |
| NAME   | L. Pressley | A. Wilson   | R. Musser   |  |  |
| DATE   | 2/24/2020   | 2/25/2020   | 2/27/2020   |  |  |

**OFFICAL RECORD COPY**

# IP 22 Inspection Activity Plan Report

## Turkey Point

03/01/2020 - 12/31/2021

| Unit   | Start      | End        | Activity     | CAC    | Title   | Staff Count |
|--|------------|------------|--------------|--------|---|-------------|
| <b>CYBER SECURITY INSPECTION</b>   |            |            |              |        |   | 4           |
| 3, 4   | 03/02/2020 | 03/06/2020 | IP 71130.10P | 000741 | Cyber Security  |             |
| <b>MATERIAL CONTROL &amp; ACCOUNTING</b>                                   |            |            |              |        |   | 2           |
| 3, 4   | 04/01/2020 | 11/30/2020 | IP 71130.11  | 000742 | Material Control and Accounting (MC&A)  |             |
| <b>UNIT 3 IN-SERVICE INSPECTION +SG</b>                                    |            |            |              |        |   | 2           |
| 3  | 04/06/2020 | 04/10/2020 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR)   |             |
| <b>SECURITY BASELINE INSPECTION</b>  |            |            |              |        |   | 3           |
| 3, 4   | 04/06/2020 | 04/10/2020 | IP 71130.02  | 000734 | Access Control  |             |
| 3, 4   | 04/06/2020 | 04/10/2020 | IP 71130.04  | 000736 | Equipment Performance, Testing, and Maintenance   |             |
| 3, 4   | 04/06/2020 | 04/10/2020 | IP 71130.07  | 000739 | Security Training   |             |
| 3, 4   | 04/06/2020 | 04/10/2020 | IP 71130.09  | 001656 | Security Plan Changes   |             |
| 3, 4   | 04/06/2020 | 04/10/2020 | IP 71151     | 001338 | Performance Indicator Verification  |             |
| <b>RP OCCUPATIONAL RAD SAFETY &amp; TRANSPORTATION BASELINE INSPECTION</b> |            |            |              |        |   | 2           |
| 3, 4   | 10/05/2020 | 10/09/2020 | IP 71124.01  | 000725 | Radiological Hazard Assessment and Exposure Controls  |             |
| 3, 4   | 10/05/2020 | 10/09/2020 | IP 71124.08  | 000732 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation |             |
| 3, 4   | 10/05/2020 | 10/09/2020 | IP 71151     | 000746 | Performance Indicator Verification  |             |
| <b>UNIT 4 IN-SERVICE INSPECTION +SG</b>                                    |            |            |              |        |   | 2           |
| 4  | 10/12/2020 | 10/16/2020 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR)   |             |
| <b>FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - TPN</b>                    |            |            |              |        |   | 6           |
| 3, 4   | 01/04/2021 | 01/08/2021 | IP 71130.03  | 000735 | Contingency Response - Force-On-Force Testing   |             |
| 3, 4   | 01/25/2021 | 01/29/2021 | IP 71130.03  | 000735 | Contingency Response - Force-On-Force Testing   |             |
| <b>TURKEY POINT INITIAL LICENSE EXAM</b>                                   |            |            |              |        |   | 3           |
| 3, 4   | 01/11/2021 | 01/15/2021 | OV           | 000956 | VALIDATION OF INITIAL LICENSE EXAMINATION (OV)  |             |
| 3, 4   | 02/22/2021 | 02/26/2021 | EXAD         | 000500 | LICENSE EXAM ADMINISTRATION (EXAD)  |             |
| <b>EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS</b>                       |            |            |              |        |   | 3           |
| 3, 4   | 02/01/2021 | 02/05/2021 | IP 71111.17T | 000709 | Evaluations of Changes, Tests, and Experiments  |             |

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

Enclosure

# IP 22 Inspection Activity Plan Report

## Turkey Point

03/01/2020 - 12/31/2021

| Unit   | Start      | End        | Activity    | CAC    | Title   | Staff Count |
|--|------------|------------|-------------|--------|---|-------------|
| <b>EMERGENCY PREPAREDNESS EXERCISE</b>       |            |            |             |        |   | <b>5</b>    |
| 3, 4   | 02/07/2021 | 02/20/2021 | IP 71114.01 | 000716 | Exercise Evaluation   |             |
| 3, 4   | 02/07/2021 | 02/20/2021 | IP 71114.04 | 000719 | Emergency Action Level and Emergency Plan Changes                               |             |
| 3, 4   | 02/07/2021 | 02/20/2021 | IP 71151    | 001397 | Performance Indicator Verification  |             |
| <b>PROBLEM IDENTIFICATION AND RESOLUTION</b> |            |            |             |        |   | <b>4</b>    |
| 3, 4   | 03/08/2021 | 03/12/2021 | IP 71152B   | 000747 | Problem Identification and Resolution   |             |
| 3, 4   | 03/22/2021 | 03/26/2021 | IP 71152B   | 000747 | Problem Identification and Resolution   |             |
| <b>CORPORATE OFFICE AA/FFD INSPECTION</b>    |            |            |             |        |   | <b>2</b>    |
| 3, 4   | 04/05/2021 | 04/09/2021 | IP 71130.01 | 000733 | Access Authorization  |             |
| 3, 4   | 04/05/2021 | 04/09/2021 | IP 71130.08 | 000740 | Fitness For Duty Program  |             |
| <b>SECURITY BASELINE INSPECTION</b>          |            |            |             |        |   | <b>2</b>    |
| 3, 4   | 04/19/2021 | 04/23/2021 | IP 71130.01 | 000733 | Access Authorization  |             |
| 3, 4   | 04/19/2021 | 04/23/2021 | IP 71130.02 | 000734 | Access Control  |             |
| 3, 4   | 04/19/2021 | 04/23/2021 | IP 71130.08 | 000740 | Fitness For Duty Program  |             |
| 3, 4   | 04/19/2021 | 04/23/2021 | IP 71130.09 | 001656 | Security Plan Changes   |             |
| 3, 4   | 04/19/2021 | 04/23/2021 | IP 71151    | 001338 | Performance Indicator Verification  |             |
| 3, 4   | 04/19/2021 | 04/23/2021 | IP 81311    | 000831 | Physical Security Requirements for Independent Spent Fuel Storage Installations |             |
| <b>RP OCCUPATIONAL RAD SAFETY INSPECTION</b> |            |            |             |        |   | <b>3</b>    |
| 3, 4   | 10/04/2021 | 10/08/2021 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls                            |             |
| 3, 4   | 10/04/2021 | 10/08/2021 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls  |             |
| 3, 4   | 10/04/2021 | 10/08/2021 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation                          |             |
| 3, 4   | 10/04/2021 | 10/08/2021 | IP 71124.04 | 000728 | Occupational Dose Assessment  |             |
| 3, 4   | 10/04/2021 | 10/08/2021 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation  |             |
| 3, 4   | 10/04/2021 | 10/08/2021 | IP 71151    | 000746 | Performance Indicator Verification  |             |
| 3, 4   | 11/01/2021 | 11/05/2021 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls                            |             |
| 3, 4   | 11/01/2021 | 11/05/2021 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls  |             |
| 3, 4   | 11/01/2021 | 11/05/2021 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation                          |             |
| 3, 4   | 11/01/2021 | 11/05/2021 | IP 71124.04 | 000728 | Occupational Dose Assessment  |             |
| 3, 4   | 11/01/2021 | 11/05/2021 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation  |             |
| 3, 4   | 11/01/2021 | 11/05/2021 | IP 71151    | 000746 | Performance Indicator Verification  |             |

# IP 22 Inspection Activity Plan Report

## Turkey Point

03/01/2020 - 12/31/2021

| Unit                                    | Start      | End        | Activity     | CAC    | Title   | Staff Count |
|---|------------|------------|--------------|--------|---|-------------|
| <b>UNIT 3 IN-SERVICE INSPECTION +SG</b> |            |            |              |        |   | 2           |
| 3                                       | 10/11/2021 | 10/15/2021 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR)                                       |             |
| <b>TURKEY POINT REQUAL INSPECTION</b>   |            |            |              |        |   | 2           |
| 3, 4                                    | 12/06/2021 | 12/10/2021 | IP 71111.11B | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance |             |