

**Turkey Point Nuclear Plant  
Radiation Safety Baseline Inspection  
Initial Information Request  
Inspection Report: 2018-001**

During the week of February 12 – 16, 2018, the NRC will perform a baseline Radiation Safety Inspection at Turkey Point Nuclear Plant, Units 3 and 4 (NRC Inspection Procedures 71124.06, 71124.07, and 71151). Experience has shown that this inspection is resource-intensive for both the NRC inspectors and your staff. In order to minimize the impact to your onsite resources and to ensure a productive inspection, we are requesting in advance documents needed for this activity. It is important that all of these documents are up-to-date, and complete, thereby minimizing the number of additional documents requested during the preparation, and/or the onsite portions of the inspection. The NRC requests that these documents be provided to the inspectors no later than February 2, 2017.

If there are any questions about this inspection or the material requested, please contact the lead inspector, Jonathan Rivera at 404-997-4508, or the Plant Support Branch 1 Chief, Brian Bonser at 404-997-4653.

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding," a copy of this document will be available electronically for public inspection in the NRC Public Document Room, or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS); accessible from the NRC Web site at <http://www.nrc.gov/readingrm/adams.html>.

**PAPERWORK REDUCTION ACT STATEMENT**

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**PUBLIC PROTECTION NOTIFICATION**

The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement, unless the requesting document displays a currently valid Office of Management and Budget control number.

## Document Request List

Inspection Dates: February 12 - 16, 2018

Documents Due to Region II by: February 2, 2016

Inspection Procedures (IPs):

IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment
IP 71124.07	Radiological Environmental Monitoring Program (REMP)
IP 71151	Performance Indicator Verification (Public and Occupational Radiation Safety Cornerstones)

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**Note:** The current version of these documents is expected unless specified otherwise. Electronic media is preferred if readily available. *[Note that the inspectors cannot accept data provided on USB or "flash" drives due to NRC IT security policies.]* Please organize the information as it is arranged below to the extent possible. Experience has shown that a poorly organized CD leads to a less efficient inspection, and places additional burden on licensee staff. Pay particular attention to the date ranges for the items requested as they may change from item to item. If there are questions regarding the documents requested, or if the documents cannot be provided by the due date, please do not hesitate to contact the lead inspector.

### Miscellaneous

1. List of primary contacts for each inspection area w/phone numbers
2. Corrective action program procedure(s)

### 71124.06 – Radioactive Gaseous and Liquid Effluent Treatment

(Last inspected December 2016)

1. Copy of Offsite Dose Calculation Manual (ODCM) and a list of changes made in the latest revision
2. List of permitted effluent release points, including any release points from onsite surface water bodies (as applicable)
3. Procedures for the following:
  - collection, analysis, release, and dose evaluations for gaseous and liquid effluents
  - determination of set-points for main plant gaseous and liquid effluent discharge pathways
  - groundwater monitoring program
4. Simplified diagram of liquid and gaseous waste processing systems

5. List of liquid and gaseous effluent monitors listed as out-of-service (OOS) for > 1 day since December 2016, including any special reports submitted to the NRC as a result of effluent monitor operability
6. The last two calibration records for the following effluent monitors, including flow instrument calibrations:
  - (a) U3/4 Containment Air Particulate R3-11 and R4-11
  - (b) U3/4 Containment Radioactive Gas R3-12 and R4-12
  - (c) U3/4 Spent Fuel Puel (SFP) Vent RAD-6418
  - (e) U3/4 Plant Vent Gas R-14 & RAD-6304
  - (d) Liquid Waste Disposal System R-18
7. The last two inter-laboratory comparison program results for the count lab
8. The last two surveillances performed on the HEPA/charcoal trains (in-place filter tests and charcoal tests) for the U3/4 containment and auxiliary buildings
9. The last two gaseous effluent release permits and the last two liquid effluent release permits
10. Most recent audit, self-assessment, and/or review of the radioactive effluent monitoring program
11. List of condition reports (CRs) generated since December 2016 as a result of gaseous and liquid effluent processing and/or ODCM related activities. *This should be a list of corrective action documents containing a CR number and brief description, not full CRs.*

**71224.07 – Radiological Environmental Monitoring Program (REMP)**

(Last inspected December 2016)

1. Collection schedule for REMP samples during the week of inspection
2. Procedures for:
  - (a) collection and analysis of environmental samples
  - (b) calibration and maintenance of REMP air and/or water samplers
  - (c) calibration of meteorological monitoring instruments (wind speed & direction, air temperature, etc.)
  - (d) periodic meteorological instrumentation surveillance requirements
3. The last two calibration records for REMP air and water sampling equipment (as applicable)
4. The last two calibration records for each meteorological monitoring instrument on the primary tower (wind speed, wind direction, and air temperature)
5. List of changes to the REMP (sample locations, sample frequency, type of samples etc.) since December 2016
6. The last two inter-laboratory comparison program results for the environmental lab
7. List of systems, structures, or components (SSCs), identified as credible mechanisms for the potential release of licensed material to the groundwater
8. List of any non-radioactive systems that have become contaminated since December 2016
9. Copies of any reports to the NRC (via 10 CFR 50.72 or other reporting requirements) regarding abnormal onsite spills/leaks of radioactive material since December 2016
10. List of 10 CFR 50.75(g) entries made since December 2016
11. Recent results of the groundwater monitoring program (last two quarters)
12. Most recent audit, self-assessment, and/or review of REMP activities
13. Most recent audit of lab used to process REMP samples
14. List of CRs generated since December 2016 as a result of REMP related activities. Include all CRs related to voluntary reporting of onsite spills/leaks of radioactive material.

*This should be a list of corrective action documents containing a CR number and brief description, not full CRs.*

**71151 - Performance Indicator Verification (Public and Occupational Radiation Safety Cornerstones)**

(Last inspected October 2017)

1. Procedure for gathering and reporting PI data
2. Monthly evaluations of effluent dose to the public since October 2017
3. List of all CRs related to LHRA/VHRA issues or significant (>100 mrem) unintended doses since October 2017. *This should be a searchable list of corrective action documents containing a number and brief description, not full condition reports.*
4. List of electronic dosimeter alarms since October 2017 (dose and dose rate)

**LIST OF ACRONYMS**

CRs	Condition Reports
HEPA	High Efficiency Particulate
LHRA	Locked High Radiation Area
ODCM	Offsite Dose Calculation Manual
OOS	Out-of-Service
RAM	Radioactive Material
RCA	Radiological Controlled Area
RWPs	Radiation Work Permits
SFP	Spent Fuel Pool
SSCs	Systems, Structures, and Components
U3/4	Units 3 & 4
VHRA	Very High Radiation Area