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**Subject:** NRC Initial Information Request for Upcoming Radiation Protection Baseline Inspection  
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**Attachments:** [image003.png](#)  
[Turkey Point Information Request Email EB3 RP 2018 002.pdf](#)

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Please find attached the Initial Information Request for the upcoming Radiation Safety Baseline Inspection scheduled for the week of May 21 - 25, 2018. Any questions regarding this please let me know. Thanks.

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Turkey Point Nuclear Plant  
Radiation Safety Baseline Inspection  
Initial Information Request  
Inspection Report: 2018002

During the week of May 21 – 25, 2018, the NRC will perform a baseline Radiation Safety Inspection at Turkey Point Nuclear Plant (NRC Inspection Procedures 71124.01, and the Public Radiation Safety Section of 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 **May 4, 2018**.

If there are any questions about this inspection or the material requested, please contact the lead inspector, Wade Loo at 404-997-4727, 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

This document does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget under control numbers 3150-0008, 3150-0011, 3150-0014, 3150-0044, and 3150-0135.

#### 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

### Occupational and Public Radiation Safety Cornerstone

Licensee: Turkey Point Nuclear Plant

Docket Number: 05000250, 251

Inspection Dates: May 21 - 25, 2018

Documents Due to Region II by: **May 4, 2018**

Inspection Procedures: IP 71124.08 - Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation

71151 - Performance Indicator Verification (Public Radiation Safety Section Only)

Lead Inspector: Wade Loo  
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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. During the inspection, the inspectors may request additional documents. 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.

Documentation for these inspection procedures, are requested from May 1, 2016, to present, unless otherwise specified. We would prefer as much of the information as possible in electronic form. An index of the CD contents is also helpful. For those items requesting a list of documents/areas, the inspector will select documents/areas from the list for on-site review.

#### Miscellaneous:

1. List of primary contacts for each inspection area w/phone numbers.
2. Most recent DAW 10 CFR Part 61 analytical results.
3. Corrective action program procedures.

#### 71124.08 - Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation:

1. Provide procedures/guidance documents describing licensee compliance with 10 CFR Parts 20, 61, and 71, and 49 CFR Parts 170-189. Procedures/manuals should include:
  - Solid and liquid radwaste processing procedures.

- Procedure(s) for transferring radioactive waste resin and sludge discharges into shipping/disposal containers.
  - Waste stream mixing and/or sampling procedures, including: (1) waste concentration averaging; (2) use of scaling factors and calculations used to account for difficult-to-measure radionuclides; and (3) ensuring waste stream composition data accounts for changing operational parameters.
  - Shipping/transportation procedures.
  - Cask loading and closure procedures (licensee and vendor) applicable to last three cask transports.
  - List of RAM storage areas, including satellite radiological controlled areas (RCAs).
  - Monitoring impact of long-term storage (e.g., buildup of gases produced by waste decomposition, chemical reactions, container deformation).
  - Process Control Program (PCP).
3. Liquid and solid radwaste system diagrams and detailed system descriptions (e.g., information that might be contained in curricula for training new system engineers).
  4. List of all shipments made since May 1, 2016 (i.e., shipping logs of LSA I, II, III; SCO I, II, Type A, or Type B). The inspectors will select three to five packages to review in detail.
  5. Copies of applicable transport cask Certificate of Compliance for the last three transport cask shipments.
  6. List and documentation of any changes made to the radioactive waste processing systems (liquid and solid) and/or the PCP since May 1, 2016, and associated 10 CFR 50.59 documentation, as appropriate.
  7. List of all abandoned solid and liquid radwaste processing equipment.
  8. Last two radio-chemical sample analysis results (i.e., 10 CFR Part 61 analysis) for each of the identified radioactive waste streams (e.g., dry active waste, ion exchange resins, mechanical filters, and sludges and activated materials).
  9. Self-assessments or audits of Shipping/radwaste processing and RAM storage programs since May 1, 2016.
  10. List of CAP documents involving RAM shipping/transportation, radwaste processing, or RAM storage since May 1, 2016. *[This should be a list of corrective action documents containing an AR/CR numbers and brief description, not full NCRs.]*
  11. Training and qualification records for personnel responsible for radioactive waste processing and RAM shipment preparation activities demonstrating that the requirements of 49 CFR Part 172, Subpart H, HAZMAT training, have been met. *[This information can be reviewed onsite rather than included with the submittal because it may contain Personally Identifiable Information.]* Available for onsite review during the inspection:
    - Site drawing(s) showing the location of all stored RAMs and all stored radioactive waste.
    - Plant drawings sufficient to permit the inspector to walkdown the liquid and solid radioactive waste processing systems, to verify current system configuration/operation agree with the descriptions contained in the Updated Final Safety Analysis Report, and in the PCP.
    - Documentation describing the status of any radioactive waste process equipment that is not operational, and/or is abandoned in place.
    - Information concerning the site's waste disposal volume and waste reduction program.
    - Training curriculum and primary lesson plans for qualifying persons, including vendors, for radwaste processing, packaging, and making shipments of RAMs and radioactive waste as specified by 49 CFR Part 172. Liquid and solid radwaste

system diagrams and detailed system descriptions (e.g., information that might be contained in curricula for training new system engineers).

### **71151 – Performance Indicator (PI) Verification**

1. Site procedures/manuals for gathering and reporting PI data.
2. Monthly/Quarterly PI reports since October 1, 2017, and copies of associated corrective action reports for any RETS/ODCM Radiological Effluent occurrences.
3. End of calendar year (CY) 2017 and 1<sup>st</sup> quarter 2018 liquid and gaseous effluent release permits which specify the monthly, quarterly, and annual curies released by isotope, and associated public dose assessments.
4. List of all CAP documents (e.g. NCRs, CRs, etc.) generated since October 1, 2017, using keywords abnormal/ unmonitored effluent release, etc. *[This should be a list of corrective action documents containing an AR or CR numbers and brief description, not full NCRs.]*

### **Assistance Requested During Onsite Inspection**

- An inspector will need to observe any shipments or receipts of RAM.
- HP assistance in plant walkdowns of radwaste processing systems.

### **Inspector Contact Information:**

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