



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

March 3, 2016

Mr. Thomas Summers  
Site Vice President  
Turkey Point Nuclear Generating Station  
Florida Power & Light Company  
9760 SW 344<sup>th</sup> Street  
Florida City, FL 33035

**SUBJECT: TURKEY POINT NUCLEAR GENERATING STATION - NOTIFICATION OF  
INSPECTION AND REQUEST FOR INFORMATION**

Dear Mr. Summers:

During the week of April 18–22, 2016, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at the Turkey Point Nuclear Generating Station, Units 3 and 4, (NRC Inspection Procedures 71124.01 and 71124.08). In order to minimize the impact to your onsite resources and to ensure a productive inspection, we have enclosed a request for documents needed for this activity. The NRC requests that these documents be provided to the inspectors no later than April 8, 2016.

We have discussed the schedule for these inspection activities with your staff, and understand that our regulatory contact for this inspection will be Ms. Stavroula Mihalake of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Jonathan Rivera at 404-997-4646, or the Chief of Plant Support Branch 1, 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," of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter, and its Enclosure, 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/reading-rm/adams.html>.

This letter 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. 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.

Sincerely,

*/RA/*

Brian R. Bonser, Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket Nos. 50-250 and 50-251  
License Nos. DPR-31 and DPR-41

Enclosure:  
Document Request List

cc: Distribution via Listserv

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ADAMS:  Yes    ACCESSION NUMBER: ML16064A063     SUNSI REVIEW COMPLETE     FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1					
SIGNATURE	JXR1	BRB1					
NAME	J. Rivera	B. Bonser					
DATE	3/ 3 /2016	3/ 3 /2016					
E-MAIL COPY	<b>YES</b> NO	<b>YES</b> NO					

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## **Document Request List**

Inspection Dates: April 18–22, 2016

Documents Due to Region II by: April 8, 2016

Inspection Procedures (IPs): IP 71124.01 Radiological Hazard Assessment and Exposure Controls  
IP 71124.08 Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation

Lead Inspector: Jonathan Rivera  
Health Physicist  
U.S. NRC Region II  
404-997-4646  
[Jonathan.Rivera@nrc.gov](mailto:Jonathan.Rivera@nrc.gov)

**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)

### **71124.01 - Radiological Hazard Assessment and Exposure Controls**

1. List of outage radiation work permits (RWPs).
2. Timeline of major outage activities (e.g., Gantt chart or similar list).
3. Procedures related to health physics (HP) controls (e.g., posting, labeling, surveys, RWPs, contamination control, high radiation area (HRA)/locked high radiation area (LHRA)/very high radiation area (VHRA) control, key control, control of divers, special controls during fuel offload, hot spots).
4. Independent spent fuel storage installation information to include surveys, exposure data, as low as reasonably achievable (ALARA) planning and reviews conducted for the last two moves. Also, the last two routine surveys of the facility and any Thermoluminescent Dosimeter area monitoring results of the facility.
5. Procedures related to release of personnel and materials (e.g., release surveys, decontamination, and guidance for alarm followup).
6. List of Nationally Tracked Sources and any change-of-ownership transactions.
7. Most recent sealed source inventory record.
8. List of all non-fuel items stored in spent fuel pool.

Enclosure

9. Most recent self-assessment or audit covering HP controls.
10. List of condition reports (CRs) generated since November 1, 2015, related to HP controls (e.g., radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems). *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

**71224.08: Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation**

1. Site and corporate procedures associated with radioactive waste processing and handling, storage, and transportation of radioactive material (RAM), including:
  - a. Storage and handling of RAM, including non-radiologically controlled area (RCA) and satellite RCA locations.
  - b. Waste stream mixing, sampling, concentration averaging, and use of scaling factors.
  - c. Monitoring impact of long-term storage (e.g., buildup of gases produced by waste decomposition, chemical reactions, container deformation, loss of container integrity, re-release of free-flowing water).
  - d. Transferring of resin and/or sludge into shipping/disposal containers; dewatering and waste stabilization.
  - e. Preparing packages and documentation for shipping radioactive materials.
2. Process Control Program.
3. Liquid and solid radioactive waste (radwaste) system diagrams and detailed system descriptions (e.g., information that might be contained in curricula for training new system engineers).
4. List of RAM storage areas, including satellite RCAs.
5. List of all shipments made since October 1, 2014 (shipping logs).
6. List of all changes made to solid and liquid radwaste processing systems since October 1, 2014.
7. List of all abandoned solid and liquid radwaste processing equipment.
8. Last two 10 CFR Part 61 analyses for each waste stream; including QA data (e.g., in house vs. vendor lab comparisons, current results vs. database).
9. Most recent self-assessment or audit covering shipping/radwaste processing and RAM storage programs.
10. List of CRs generated since October 1, 2014. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

**LIST OF ACRONYMS**

CRs	Condition Reports
HP	Health Physics
HRAs	High Radiation Areas
LHRA	Locked High Radiation Area
RAM	Radioactive Material
RCA	Radiological Controlled Area
RWPs	Radiation Work Permits
VHRA	Very High Radiation Area