



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

December 7, 2011

Mr. Mano Nazar
Executive Vice President and Chief Nuclear Officer
Florida Power and Light Company
P.O. Box 14000
Juno Beach, FL 33408-0420

**SUBJECT: TURKEY POINT UNIT 3 AND UNIT 4 – NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION**

Dear Mr. Nazar:

During the week of January 23 – 27, 2012, the NRC will conduct baseline radiation safety inspection activities at your Turkey Point Nuclear Plant site. The inspection will evaluate activities in the Public Radiation Safety Inspection cornerstone using NRC Inspection Procedure (IP) 71124.06 and IP 71124.07.

Experience has shown that this inspection is resource intensive both for the NRC inspectors and your staff. In order to minimize the impact to your on-site resources and to conduct a productive inspection, we have enclosed a request for documents needed for this inspection. It is important that all of these documents are up to date and complete, in order to minimize the number of additional documents requested during the preparation and/or the onsite portions of the inspection. The lead inspector has requested that the subject informational material be made available to the NRC staff by January 13, 2012, if not earlier, to allow preparation for the upcoming inspection

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 Mihalakea of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, George B. Kuzo at (404) 997-4658.

In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, 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 (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> (the Public Electronic Reading Room).

Sincerely,

/RA/

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

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

Enclosure:
Public Radiation Safety
Inspection Document Request

cc w/encl: (See page 3)

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 Public Radiation Safety
 Inspection Document Request

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(*) See previous concurrence page

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
 ADAMS: X Yes ACCESSION NUMBER: ML113410408 X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	DRS/PSB1	DRS/PSB1					
SIGNATURE	RA/GK *	RA/BB *					
NAME	G. KUZO	B. BONSER					
DATE	12/07/2011	12/07/2011					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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**PUBLIC RADIATION SAFETY INSPECTION
DOCUMENT REQUEST**

SITE: Turkey Point Nuclear Plant (PTN) Units 3 & 4

REPORT NUMBER: 05000250, 251/2012001

INSPECTION DATES: January 23 - 27, 2012

NRC INSPECTORS: George B. Kuzo, George.Kuzo@NRC.GOV (404) 997-4658
N. Jeff Griffis, Jeff.Griffis@NRC.GOV (423) 855-6639

PRELIMINARY LICENSEE CONTACTS: Radiation Protection: Cynthia Cashwell (RPM) (305 246-1631/Bill Hinson (-6012); Chemistry: Gabriel Mendoza (-6866 [O] / 786-525-6051 [C]), or Paul Skinner (-6134); Ventilation: Ed Lyons (-6967) and Licensing/Compliance: Stavroula Mihalakea (-6454)

Inspection Procedures: IP 71124.06 Radioactive Gaseous and Liquid Effluent Treatment
IP 71124.07 Radiological Environmental Monitoring Program

Note: This is a broad list of the documents the lead NRC inspector will be interested in reviewing and obtaining during the pre-inspection visit. The current version of these documents is expected unless specified otherwise. Electronic media is preferred, if readily available. (The preferred file format is Word, WordPerfect, or searchable "pdf" files on electronic media, e.g. CD-ROM. Information in the "document lists" should contain enough information to be easily understood by someone who has knowledge of the subject. During the inspection, the inspectors may request additional documents.

Documentation is requested from January 2009, to the present for all items.

We would prefer as much of the information as possible in electronic form. An index to the CD contents is also helpful. For those items requesting a list of documents/areas, the inspectors will select documents/areas from the list for on-site review. If any of the requested information is too burdensome to provide electronically or as hard copies, simply indicate that the requested material is available for on-site review by the inspectors.

If you have any questions, please call George B. Kuzo at (404) 997-4658. Thank you in advance for your efforts in putting together this material.

RADIOACTIVE GASEOUS AND LIQUID EFFLUENT TREATMENT [IP 71124.06]

- Provide the following:
 - Copies of the CY 2009 and CY 2010 Annual Radiological Effluent Release Report (ARERR) documents;
 - Procedures/Guidance Documents for collection, analysis, release and dose evaluations for gaseous and/or liquid effluents, including guidance for both batch and continuous

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effluent release modes; determination of set-points for main plant gaseous and liquid effluent discharge pathways;

- Provide a copy of the current ODCM revision and a list of any significant changes to the ODCM since January 1, 2009;
- Provide a list of any non-radioactive systems that have become contaminated since January 1, 2009;
- Provide a list of any abnormal gaseous or liquid releases identified since January 1, 2009;
- Provide a list of 10 CFR 50.75(g) entries made since January 1, 2009;
- Provide system health reports for radiological effluent waste process monitoring systems since January 1, 2009;
- Provide a list of the main liquid and gaseous effluent pathway process monitors listed as out-of-service (OOS) since January 1, 2009. *[Note do not include monitors listed as OOS for less than 24 hours];*
- Provide a list of significant changes to the effluent monitoring program or equipment since January 1, 2009,
- Provide groundwater monitoring results since January 1, 2009;
- Provide records since January 1, 2009, for:
 - detailed inter-laboratory comparison program results; and
 - list of abnormal liquid and gaseous releases.
- Provide records of the two most recent HEPA ventilation and Charcoal filtration surveillance results for each of the following systems:
 - Unit 3 Control Room 'A' Train;
 - Unit 4 Post-Accident Containment Vent System;
 - Unit 3 B Emergency Containment Filtration System.
- Provide copies of all audits, self-assessments, and/or reviews of liquid and gaseous effluent monitoring program activities since January 1, 2009. The data should include any reviews conducted of vendor activities and their facilities;
- Provide List of Action Request (AR) / Condition Report (CR) documents generated since January 1, 2009, as a result of gaseous and liquid effluent processing and/or release Activities; and TS HEPA ventilation systems. *[Note: only titles/summary statement should be provide for use by the inspectors to select a sample of issues for in- depth review].*

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM (REMP) [IP 71124.07]

Prior to the Onsite Inspection

- Provide Copies of the CY 2009 and CY 2010 Annual Radiological Environmental Operating Report (AREOR) documents;
- Provide Procedures/Guidance Documents for:
 - collection and analysis of environmental samples;
 - calibration and maintenance of REMP air and/or water samplers;
 - calibration of meteorological monitoring instrument loop (wind speed & direction, air temperature sensors currently in use); and
 - monthly/quarterly meteorological instrumentation surveillance requirements (control room and local tower activities).
- Provide records since January 1, 2009, for:
 - calibrations of REMP air and water sampling equipment (as applicable);
 - meteorological monitoring instrument calibrations (wind speed & direction, air temperature); and
 - detailed inter-laboratory comparison program results.

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- Provide copies of all audits, self-assessments, and/or reviews of REMP activities. The data should include any reviews conducted of vendor activities and their facilities;
- Provide a list of systems, structures, or components (SSCs), identified as credible mechanism(s) having the potential for release of licensed material to the groundwater environs;
- Provide a list of significant REMP changes documented within the ODCM since January 1, 2009; and
- Provide a list of Action Request / Condition Report documents generated as a result of REMP and Meteorological Monitoring activities since January 1, 2009. *[Note: only titles/summary statement should be provided for use by the inspectors to select a sample of issues for in-depth review]*