



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

September 21, 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 November 7 - 11, 2011, the NRC will conduct baseline radiation safety inspection activities at your Turkey Point Nuclear Plant site. The inspection will evaluate activities in the Occupational Radiation Safety Inspection cornerstone using NRC Inspection Procedure (IP) 71124.04.

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 November 1, 2011, 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:
Occupational Radiation Protection Inspection Document Request

cc w/encl: (See page 2)

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Enclosure:
Occupational Radiation Protection Inspection Document Request

cc w/encl: (See page 2)
Distribution w/encl:
C. Evans, RII EICS (Part 72 Only)
L. Douglas, RII EICS (Linda Douglas)
OE Mail (email address if applicable)
RIDSNNRRDIRS
PUBLIC
RidsNrrPMTurkeyPoint Resource

X PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

X NON-SENSITIVE

ADAMS: X Yes

ACCESSION NUMBER: **ML112690057**

X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII: DRS/PSB1	RII: DRS/PSB1					
SIGNATURE	RA	RA					
NAME	G. KUZO	B. BONSER					
DATE	09/20/2011	09/21/2011					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRSI\PSB1\TURKEY POINT\20110005_PTN_RFO_LTR REV1.DOCX

cc w/encl:

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Nuclear Licensing
Florida Power & Light Company
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Miami, FL 33128

Gene St. Pierre
Vice President, Fleet Support
Florida Power & Light Company
Electronic Mail Distribution

OCCUPATIONAL RADIATION PROTECTION INSPECTION DOCUMENT REQUEST

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

REPORT NUMBER: 05000250/2011005, 05000251/2011005

INSPECTION DATES: November 7 – 11, 2011

NRC INSPECTORS: George B. Kuzo, george.kuzo@nrc.gov
(404) 997-4658

PRELIMINARY LICENSEE CONTACTS: Radiation Protection: Cynthia Cashwell (RPM)
(305 246-1631/Bill Hinson (-6012), and
Licensing/Compliance: Stavroula Mihalakea
(-6454)

INSPECTION PROCEDURES: IP 71124.04 Occupational Dose Assessment

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 February 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.

OCCUPATIONAL DOSE ASSESSMENT [71124.04]

- Provide Procedures/Guidance Documents for:
external dose monitoring, i.e., dosimetry issuance and use. The documents should include: guidance for multi-badging; monitoring in steep/highly variable dose rate gradients; monitoring of effective dose equivalent for external exposures (EDEX); personnel contamination events; storage/care of personal dosimeters; use of electronic dosimeters including evaluation of any biases identified relative to TLD monitoring internal dose assessment, i.e., both *in vivo* and *in vitro* bioassay and air sampling capabilities. The documents should include guidance for calibration/QC and use of whole body counter

Enclosure

(WBC); release of contaminated individuals, use of passive monitoring as screening method for evaluations, and special *in vitro* sample collection and analysis, and actions for declared pregnant workers.

- NVLAP accreditation documentation for current dosimetry used by site.
- List of all positive whole body count (WBC), in vitro, or air sampling analyses which resulted in an assigned CEDE equal to or exceeding 10 millirem since February 1, 2009. *[Note: only a listing should be provided for use by the inspectors to select a sample of issues for in-depth review during the onsite inspection].*
- List of all personnel contamination events, dispersed contamination/discrete particles, identified since February 1, 2009. *[Note: only a listing should be provided for use by the inspectors to select a sample of issues for in-depth review during the onsite inspection].*
- List of declared pregnant workers *[Note: do not provide this data – the documents will be reviewed on-site, only have the data readily available during the onsite inspection].*
- Copies of all audits, self-assessments, and/or reviews related to internal or external dosimetry issues generated since February 1, 2009. The documents provided should to include any reviews/evaluations conducted of vendor facilities, e.g., corporate or outside vendor/ or corporate calibration facilities.
- Provide a list of Condition Report (CR) documents generated since February 1, 2009, for Internal or external dosimetry issues/events. *[Note: only titles/summary statement should be provide for use by the inspectors to select a sample of issues for in-depth review].*