UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

March 24, 2008

Mr. J. Art Stall
Senior Vice President Nuclear and Chief Nuclear Officer
Florida Power and Light Company
St. Lucie Nuclear Plant
P.O. Box 14000
Juno Beach, FL 33408-0420

SUBJECT: TURKEY POINT NUCLEAR POWER PLANT - NOTIFICATION OF INSPECTION AND REQUEST FOR INFORMATION

Dear Mr. Stall:

On April 28 – May 2, 2008, the NRC will perform the baseline Inspection Procedure 71121.01, Access Controls to Radiologically Significant Areas, at Turkey Point. The NRC will also perform sections of Inspection Procedure 71151, Performance Indicator Verification, as it applies to radiation safety. 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 ensure 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.

In lieu of a pre-inspection visit, we request that the requested information be provided to our staff by April 7, 2008. An address to which the information, preferably on CD, can be sent is provided on the enclosed document request.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Stavroula Mihalakea of your organization. If there are any questions about this inspection or the material requested, please contact the inspector, Heather J. Gepford at (404) 562-4659.

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

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

Enclosure: Pre-Inspection Document Request

cc w/encl:
William Jefferson, Jr.
Senior Vice President
Turkey Point Nuclear Plant
Florida Power and Light Company
Electronic Mail Distribution

Paul Infanger
Licensing Manager
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Mano Nazar
Senior Vice President
and Nuclear Chief Operating Officer
Florida Power & Light Company
Electronic Mail Distribution

Distribution w/encl:
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Sincerely,

**/RA/**

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

Docket Nos.: 50-250, 50-251
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Enclosure: Pre-Inspection Document Request

Distribution w/encl:

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B. Mozafari, NRR

X PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE X NON-SENSITIVE

ADAMS: X Yes ACCESSION NUMBER:_____

| OFFICE | RII:DRS | RII:DRS | | | | | |
|---|---|---|---|---|---|---|---|
| SIGNATURE | **/RA/** | **/RA/** | | | | | |
| NAME | H. Gepford | B. Bonser | | | | | |
| DATE | 03/24/2008 | 03/24/2008 | | | | | |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO |

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRSII\PSB1\INFORMATION REQUEST LETTERS\TURKEY POINT\TURKEY POINT ACCESS CONTROLS DOC REQUEST LETTER.DOC

# Pre-Inspection Document Request

Occupational Radiation Safety Cornerstone – Access Controls

Licensee: Turkey Point
Docket Number(s): 50-250,251
Inspection Dates: April 28-May 2, 2008

Inspection Procedures to be performed:
71121.01 Access Control to Radiologically Significant Areas
71151 Performance Indicator Verification

The most recent inspection completed for the listed inspection procedures was September 2007. Documentation is requested from the date of the previous inspection to the present.

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 inspector will select documents/areas from the list for on-site review.

If you have any questions, please call Heather Gepford at 404-562-4659. Thank you in advance for all your effort in putting together this material.

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General Information Request

- ☐ Telephone numbers of contacts
- ☐ Site and radiation protection organizational charts
- ☐ Electronic copy of applicable chapter(s) of UFSAR (e.g. radiation protection program)
- ☐ Elevation maps
- ☐ Most recent DAW 10 CFR Part 61 analytical results.
- ☐ Corrective Action Program procedures
- ☐ Audits and self-assessments performed since the last inspection that encompass the areas of (1) radiation protection and (2) access controls

71151 Performance Indicator Verification (Occupational Exposure Control)

- ☐ Procedure(s) for identifying, notification, tracking, and correcting PI occurrences.
- ☐ Monthly Performance Indicator reports since September 2007, and copies of associated corrective action documents for Occupational Exposure Control Effectiveness and RETS/ODCM Radiological Effluent occurrences
- ☐ List of all corrective action documents since September 2007 using keywords: HRA, LHRA, VHRA, unintended dose, unlocked door, etc.
- ☐ List of all dose rate alarms > 1 R/hr and dose alarms since September 2007.
- ☐ All final release point effluent monitor out-of-service dates since September 2007.
- ☐ Most recent gaseous and liquid effluent release permits.

71121.01 Access Controls to Radiologically Significant Areas

☐ Site and corporate procedures associated with the access control program. Procedures should include:

- Radiological surveys, postings, and radiation control barricades
- Security and control of high radiation sources/objects stored in pools
- Radiation Work Permits
- Radiological Job-Coverage
- Controlling access to high radiation areas (HRA), locked-high radiation areas (LHRA), and very high radiation areas (VHRA), including key control
- Radioactive material control, including contamination and hot particles
- Dosimetry monitoring (electronic dosimeters, multi-badging, etc.)
- Internal dose assessment

☐ List of the 10 most exposure significant work areas within radiation areas, high radiation areas (<1R/hr), or airborne radioactivity areas in the plant. This may include areas with low dose rates but high collective dose. Identify any high radiation areas with significant dose rate gradients (factor of 5 or more), including underwater diving activities.

☐ List or map of HRAs, LHRAs, and VHRAs. Include areas with the potential to become a HRA during routine operations or outages.

☐ RWPs for the 5 highest dose rate areas or outage tasks; RWPs for airborne areas.

☐ ALARA planning packages for the five highest dose jobs being performed during the outage (excluding scaffolding, insulating, shielding) and for any first time evolutions.

☐ Internal and skin dose assessments, including calculations, for any internal exposures greater that 50 mrem CEDE or skin doses greater than 500 mrem since September 2007.

☐ List of corrective action reports generated since September 2007 related to access controls, including the following:

- Access controls, including high radiation area radiological incidents
- Radiological events caused by radiation worker errors and/or radiation protection technician errors

Inspector Contact Information:
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(404) 562-4659
Heather.Gepford@nrc.gov

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