



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

March 5, 2012

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

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR TURKEY POINT NUCLEAR PLANT
UNIT 3 AND UNIT 4 (NRC INSPECTION REPORT 05000250/2011007 AND
05000251/2011007)**

Dear Mr. Nazar:

On February 15, 2012, the NRC staff completed its performance review of the Turkey Point Nuclear Plant. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2011, through December 31, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

The NRC determined that overall, Turkey Point Unit 3 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Turkey Point Unit 3 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance and all PIs indicated performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The NRC determined the performance at Turkey Point Unit 4 during the first two quarters of the assessment period was within the Regulatory Response Column of the NRC's ROP Action Matrix because of one White Performance Indicator in the Initiating Events Cornerstone, Unplanned Scrams per 7000 Critical Hours, which was identified in the fourth quarter of 2010. On July 14, 2011, the NRC completed a supplemental inspection in accordance with Inspection Procedure 95001, and confirmed that you had adequately addressed the White PI. As a result, NRC determined the performance at Turkey Point Unit 4 returned to the Licensee Response Column of the ROP Action Matrix as of August 4, 2011. Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

Although plant performance was within the Licensee Response Column for Units 3 and 4, the NRC has not yet finalized the significance of Apparent Violations 05000250, 251/2011005-02 and 2011005-03 associated with failure to maintain the technical support center ventilation

system. The final significance determination may affect the NRC's assessment of plant performance and the enclosed inspection plan.

The enclosed inspection plan lists the inspections scheduled through June 30, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter 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).

Please contact me at (404) 997-4721 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Daniel W. Rich, Chief
Reactor Projects Branch 3
Division of Reactor Projects

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

Enclosure: Turkey Point Nuclear Plant
Inspection/Activity Plan
(03/01/12 - 06/30/13)

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Turkey Point
Inspection / Activity Plan
03/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
3	01/01/2012	07/09/2012	TP-EPU	- TP-EPU	3
			IP 71004	Power Uprate	
3, 4	04/09/2012	04/13/2012	IP 71004	Power Uprate	
3	02/27/2012	03/02/2012	EB3 LR	- UNIT 3 POST APPROVAL LR - PHASE 1	1
			IP 71003	Post-Approval Site Inspection for License Renewal	
3	03/05/2012	03/09/2012	EB3 ISI	- UNIT 3 INSERVICE INSPECTION	1
			IP 7111108P	Inservice Inspection Activities - PWR	
3, 4	04/02/2012	04/06/2012	PSB1EP	- EMERGENCY PREPAREDNESS INSPECTION	2
			IP 7111402	Alert and Notification System Testing	
3, 4	04/02/2012	04/06/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
3, 4	04/02/2012	04/06/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
3, 4	04/02/2012	04/06/2012	IP 71151	Performance Indicator Verification	
3, 4	04/16/2012	04/20/2012	MODS	- MODIFICATIONS INSPECTION	4
			IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
3, 4	04/30/2012	05/04/2012	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
3, 4	05/21/2012	05/25/2012	EB3 LR	- POST APPROVAL LR INSPECTION - PHASE 2	6
			IP 71003	Post-Approval Site Inspection for License Renewal	
3, 4	06/04/2012	06/08/2012	IP 71003	Post-Approval Site Inspection for License Renewal	
3, 4	07/16/2012	07/20/2012	PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	5
			IP 71152B	Problem Identification and Resolution	
3, 4	07/30/2012	08/03/2012	IP 71152B	Problem Identification and Resolution	
3, 4	10/22/2012	10/26/2012	TI-182	- TI-182 BURIED PIPING/TANK - PHASE 1	1
			IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
3, 4	11/26/2012	11/30/2012	EB3 ISI	- UNIT 4 INSERVICE INSPECTION	1
			IP 7111108P	Inservice Inspection Activities - PWR	
3, 4	11/26/2012	11/30/2012	EB3 LR	- UNIT 4 POST APPROVAL LR - PHASE 1	2
			IP 71003	Post-Approval Site Inspection for License Renewal	
3, 4	12/10/2012	12/14/2012	PSB1-RP	- RADIOLOGICAL HAZARD ASSESSMENT	3
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3, 4	12/10/2012	12/14/2012	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
3, 4	12/10/2012	12/14/2012	IP 71151	Performance Indicator Verification	
3	02/11/2013	02/15/2013	OL EXAM	- INITIAL EXAM PREP	3
			V23393	TURKEY POINT/MARCH 2013 INITIAL EXAM AT POWER FACILITIES	
3, 4	02/11/2013	02/15/2013	PSB1-RP	- RP OCCUPATIONAL BASELINE	3
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

Turkey Point

Inspection / Activity Plan

03/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			PSB1-RP - RP OCCUPATIONAL BASELINE		3
3, 4	02/11/2013	02/15/2013	IP 71124.02	Occupational ALARA Planning and Controls	
3, 4	02/11/2013	02/15/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
3, 4	02/11/2013	02/15/2013	IP 71124.04	Occupational Dose Assessment	
3, 4	02/11/2013	02/15/2013	IP 71124.05	Radiation Monitoring Instrumentation	
3, 4	02/11/2013	02/15/2013	IP 71151	Performance Indicator Verification	
			PSB1-RP - RP OCCUPATIONAL BASELINE WEEK2		3
3, 4	02/25/2013	03/01/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3, 4	02/25/2013	03/01/2013	IP 71124.02	Occupational ALARA Planning and Controls	
3, 4	02/25/2013	03/01/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
3, 4	02/25/2013	03/01/2013	IP 71124.04	Occupational Dose Assessment	
3, 4	02/25/2013	03/01/2013	IP 71124.05	Radiation Monitoring Instrumentation	
3, 4	02/25/2013	03/01/2013	IP 71151	Performance Indicator Verification	
			OL EXAM - INITIAL EXAM - WEEK 1		3
3	03/04/2013	03/08/2013	V23393	TURKEY POINT/MARCH 2013 INITIAL EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM - WEEK 2		3
3	03/11/2013	03/15/2013	V23393	TURKEY POINT/MARCH 2013 INITIAL EXAM AT POWER FACILITIES	
			TP TFPI - TP - TRIENNIAL FIRE PROTECTION INSP		4
3, 4	05/21/2013	05/23/2013	IP 7111105T	Fire Protection [Triennial]	
3, 4	06/10/2013	06/14/2013	IP 7111105T	Fire Protection [Triennial]	
3, 4	06/24/2013	06/28/2013	IP 7111105T	Fire Protection [Triennial]	

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