



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

September 3, 2013

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: MID-CYCLE ASSESSMENT LETTER FOR TURKEY POINT NUCLEAR
GENERATING UNIT 3 AND UNIT 4 (REPORT 05000250/2013006 AND
05000251/2013006)**

Dear Mr. Nazar:

On August 14, 2013, the NRC completed its mid-cycle performance review of Turkey Point Nuclear Generating Unit 3 and Unit 4. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2012, through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined the performance at Turkey Point Unit 4 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 that your 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 3 during the most recent quarter was within the Regulatory Response Column of the NRC's ROP Action Matrix because the Unplanned Scrams per 7000 Critical Hours PI was in the White performance band. The NRC issued an assessment follow-up letter (ML13127A106) to you on May 6, 2013, indicating that Turkey Point Unit 3 had moved to the Regulatory Response Column of the ROP Action Matrix as of the first quarter of 2013 due to three reactor trips that caused the PI to cross the Green-to-White threshold.

Therefore, in addition to ROP baseline inspections, the NRC plans to conduct a supplemental inspection in accordance with Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," to provide assurance that the root causes and contributing causes of risk-significant performance issues are understood, that the extent of cause is identified, and that your corrective actions for risk-significant performance issues are sufficient to address the root and contributing causes and prevent recurrence. The NRC requests that your staff provide notification of your readiness for the NRC to conduct a supplemental inspection to review the actions taken to address the White PI.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

We also plan on conducting two non-ROP inspections; Temporary Instruction (TI) 2515/182, Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping – Phase 2, and TI 2515/190, Inspection of the Licensee's Proposed Interim Actions as a Result of the Near-Term Task Force Recommendation 2.1 Flooding Reevaluation.

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 Greg Kolcum at (404) 997-4533 with any questions you may have regarding this letter.

Sincerely,

/RA/

Richard P. Croteau, Director
Division of Reactor Projects

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

Enclosure: Turkey Point Nuclear Generating Plant
Inspection/Activity Plan (09/01/2013 - 12/31/2014)

cc: Distribution via Listserv

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

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X PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE X NON-SENSITIVE
ADAMS: X Yes ACCESSION NUMBER: ML13246A100 X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP	RII:DRP				
SIGNATURE	SRS /RA/	GJK /RA for/	RPC /RA/				
NAME	SSandal	DRich	RCroteau				
DATE	08/26/2013	08/28/2013	08/28/2013				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

M. Nazar

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Letter to Mano Nazar from Richard P. Croteau dated September 3, 2013

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GENERATING UNIT 3 AND UNIT 4 (REPORT 05000250/2013006 AND
05000251/2013006)

Distribution w/encl:

C. Evans, RII

L. Douglas, RII

OE Mail

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RidsNrrPMTurkeyPoint Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

Turkey Point

Inspection / Activity Plan

09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
3, 4	10/21/2013 10/28/2013	OL-RQ IP 7111111B	- REQUAL INSP Licensed Operator Requalification Program	2
3, 4	11/25/2013 11/27/2013	TI-182 IP 2515/182	- TI-182 BURIED PIPING/TANK - PHASE 2 Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	1
3, 4	01/06/2014 01/10/2014	CDBI IP 71111121	- COMPONENT DESIGN BASES INSPECTION Component Design Bases Inspection	7
3, 4	01/27/2014 01/31/2014	IP 71111121	Component Design Bases Inspection	
3, 4	02/10/2014 02/14/2014	IP 71111121	Component Design Bases Inspection	
3, 4	02/24/2014 02/28/2014	IP 71111121	Component Design Bases Inspection	
3, 4	01/20/2014 01/24/2014	EP IP 71111402	- EP PROGRAM INSPECTION Alert and Notification System Testing	1
3, 4	01/20/2014 01/24/2014	IP 71111403	Emergency Preparedness Organization Staffing and Augmentation System	
3, 4	01/20/2014 01/24/2014	IP 71111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
3, 4	01/20/2014 01/24/2014	IP 711151	Performance Indicator Verification	
3	03/24/2014 03/28/2014	ISI IP 7111108P	- UNIT 3 IN-SERVICE INSPECTION Inservice Inspection Activities - PWR	1
3	03/31/2014 04/04/2014	SGISI IP 7111108P	- UNIT 3 SG IN-SERVICE INSPECTION Inservice Inspection Activities - PWR	1
3, 4	07/14/2014 07/18/2014	PI&R IP 71152B	- PROBLEM IDENTIFICATION AND RESOLUTION Problem Identification and Resolution	5
3, 4	07/28/2014 08/01/2014	IP 71152B	Problem Identification and Resolution	
4	09/29/2014 10/03/2014	ISI IP 7111108P	- UNIT 4 IN-SERVICE INSPECTION Inservice Inspection Activities - PWR	1
3, 4	10/20/2014 10/24/2014	RP IP 2515/187	- RADIOLOGICAL HAZARDS AND TRANSPORTATION Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	2
3, 4	10/20/2014 10/24/2014	IP 2515/187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
3, 4	10/20/2014 10/24/2014	IP 71151	Performance Indicator Verification	
3, 4	11/07/2014 11/11/2014	RP IP 71124.06	- RP PUBLIC RADIATION SAFETY BASELINE Radioactive Gaseous and Liquid Effluent Treatment	2
3, 4	11/07/2014 11/11/2014	IP 71124.07	Radiological Environmental Monitoring Program	

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
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3, 4	11/07/2014 11/11/2014	RP - RP IP 71151	- RP PUBLIC RADIATION SAFETY BASELINE Performance Indicator Verification	2
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Comments:

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