



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

March 4, 2014

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: ANNUAL ASSESSMENT LETTER FOR TURKEY POINT NUCLEAR
GENERATING UNIT 3 AND UNIT 4 (REPORT 05000250/2013001 AND
05000251/2013001)**

Dear Mr. Nazar:

On February 18, 2014, the NRC completed its end-of-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 January 1, 2013, through December 31, 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 that overall, Turkey Point Nuclear Generating Unit 4 operated in a manner that preserved public health and safety and met all cornerstone objectives. 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 (ADAMS Accession No. 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.

On January 8, 2014, your staff notified the NRC of your readiness for it to conduct a supplemental inspection to review the actions taken to address the performance issues. 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." This supplemental inspection should be in progress as of the date of this letter. The NRC is performing the supplemental inspection to provide assurance that the root causes and contributing causes of risk-significant

performance issues are understood, that the extent of condition and cause are identified, and that your corrective actions for risk-significant performance issues are sufficient to address the root and contributing causes and prevent recurrence.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. 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 mid-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.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The CY 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

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 Daniel Rich at (404) 997-4721 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 (03/01/2014 - 06/30/2015)

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

OFFICE	RII:DRP	RII:DRP	RII:DRP				
SIGNATURE	SRS /RA/	DWR /RA/	RPC /RA/				
NAME	SSandal	DRich	RCroteau				
DATE	02/25/2014	02/26/2014	02/27/2014				
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 March 4, 2014

SUBJECT: ANNUAL ASSESSMENT LETTER FOR TURKEY POINT NUCLEAR
GENERATING UNIT 3 AND UNIT 4 (REPORT 05000250/2013001 AND
05000251/2013001)

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RidsNrrPMTurkey Point Resource

Institute of Nuclear Power Operations (INPO)

ROP Assessment

Turkey Point

Inspection / Activity Plan

03/01/2014 - 06/30/2015

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			95001	- 95001 INSPECTION	2
3	03/03/2014	03/07/2014	IP 95001	Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area	
			ISI	- UNIT 3 IN-SERVICE INSPECTION & RVH EXAM	1
3	03/24/2014	04/02/2014	IP 711108P	Inservice Inspection Activities - PWR	
			SGISI	- UNIT 3 SG IN-SERVICE INSPECTION	1
3	03/31/2014	04/04/2014	IP 711108P	Inservice Inspection Activities - PWR	
			PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	5
3,4	07/14/2014	07/18/2014	IP 71152B	Problem Identification and Resolution	
3,4	07/28/2014	08/01/2014	IP 71152B	Problem Identification and Resolution	
			ISI	- UNIT 4 IN-SERVICE INSPECTION & RVH EXAM	2
4	09/29/2014	10/03/2014	IP 711108P	Inservice Inspection Activities - PWR	
			RP	- RADIOLOGICAL HAZARDS AND TRANSPORTATION	2
3,4	10/06/2014	10/10/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
3,4	10/06/2014	10/10/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
3,4	10/06/2014	10/10/2014	IP 71151	Performance Indicator Verification	
			RP	- RP PUBLIC RADIATION SAFETY BASELINE	3
3,4	11/17/2014	11/21/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
3,4	11/17/2014	11/21/2014	IP 71124.07	Radiological Environmental Monitoring Program	
3,4	11/17/2014	11/21/2014	IP 71151	Performance Indicator Verification	
			MODS	- PLANT MODIFICATION INSPECTION	4
3,4	01/12/2015	01/16/2015	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
3,4	02/02/2015	02/06/2015	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			EP	- EP EXERCISE	3
3,4	02/23/2015	02/27/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
3,4	02/23/2015	02/27/2015	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
3,4	02/23/2015	02/27/2015	IP 71151	Performance Indicator Verification	

This report does not include INPO and OUTAGE activities.

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

Enclosure