



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

March 4, 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: ANNUAL ASSESSMENT LETTER FOR TURKEY POINT NUCLEAR PLANT
UNIT 3 AND UNIT 4 (REPORT 05000250/2012001 AND 05000251/2012001)**

Dear Mr. Nazar:

On February 13, 2013, the NRC completed its end-of-cycle performance review of Turkey Point Nuclear Plant 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, 2012, through December 31, 2012. 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 Unit 3 and 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 3 and 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 Nuclear Plant Unit 3 and Unit 4 during the first three quarters of the assessment period was within the Regulatory Response Column of the NRC's ROP Action Matrix because of one White finding in the Emergency Preparedness cornerstone. This finding was documented in a final significance determination and assessment follow-up letter issued by the NRC on April 9, 2012, as Inspection Report 05000250/20120010 and 05000251/20120010 (ML12100A243). On September 13, 2012, the NRC completed a supplemental inspection in accordance with Inspection Procedure 95001, and confirmed that you had adequately addressed the White finding. As a result, NRC determined the performance at Turkey Point Unit 3 and Unit 4 returned to the Licensee Response column of the ROP Action Matrix as of the fourth quarter of 2012. This inspection was documented in an inspection report and assessment follow-up letter issued by the NRC on October 22, 2012, as Inspection Report 05000250/2012012 and 05000251/2012012 (ML12297A405).

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

We also plan on conducting two non-ROP inspections which include: Temporary Instruction (TI) 2515/182, Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping – Phase 2, and an Initial Operator Licensing Exam.

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 Shane Sandal at (404) 997-4513 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 Plant Inspection/Activity Plan (03/01/2013 - 06/30/2014)

cc w/Encl: (See page 3)

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

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cc w/Encl: (See page 3)

X PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

X NON-SENSITIVE

ADAMS: ☐ Yes

ACCESSION NUMBER: _____

X SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP	RII:DRP	RII:DRP			
SIGNATURE	MJR /RA/	SRS /RA/		RPC /RA/			
NAME	MRiches	SSandal	WJones	RCroteau			
DATE	02/20/2013	02/21/2013		02/27/2013			
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: HTTP://PORTAL.NRC.GOV/EDO/RII/DRP/BRANCH3/BRANCH 3 PLANT INFORMATION/TURKEY POINT 2012 ANNUAL ASSESSMENT LETTER.DOCX

M. Nazar

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cc w/encl:
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Letter to Mano Nazar from Richard P. Croteau dated March 4, 2013

SUBJECT: ANNUAL ASSESSMENT LETTER FOR TURKEY POINT NUCLEAR PLANT
UNIT 3 AND UNIT 4 (REPORT 05000250/2012001 AND 05000251/2012001)

Distribution w/encl:

C. Evans, RII

L. Douglas, RII

OE Mail

RIDSNRRDIRS

PUBLIC

RidsNrrPMTurkeyPoint Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

Turkey Point
Inspection / Activity Plan
03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
3, 4	02/25/2013 03/01/2013	HS - TRIENNIAL HEAT SINK PERFORMANCE IP 7111107T Heat Sink Performance		1
3, 4	02/25/2013 03/01/2013	RP - RP OCCUPATIONAL BASELINE IP 71124.02 Occupational ALARA Planning and Controls		4
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	03/04/2013 03/08/2013	OL EXAM - INITIAL EXAM - WEEK 1 V23393 TURKEY POINT/MARCH 2013 INITIAL EXAM AT POWER FACILITIES		3
3	03/11/2013 03/15/2013	OL EXAM - INITIAL EXAM - WEEK 2 V23393 TURKEY POINT/MARCH 2013 INITIAL EXAM AT POWER FACILITIES		2
3, 4	06/17/2013 06/21/2013	EP - EMERGENCY PREPAREDNESS EXERCISE IP 7111401 Exercise Evaluation		1
3, 4	06/17/2013 06/21/2013	IP 71151 Performance Indicator Verification		
3, 4	06/10/2013 06/14/2013	TFPI - TRIENNIAL FIRE PROTECTION INSP IP 7111105T Fire Protection [Triennial]		5
3, 4	06/24/2013 06/28/2013	IP 7111105T Fire Protection [Triennial]		
3, 4	08/05/2013 08/09/2013	RP - RAD HAZARDS ASSESSMENT IP 71124.01 Radiological Hazard Assessment and Exposure Controls		2
3, 4	08/05/2013 08/09/2013	IP 71151 Performance Indicator Verification		
3, 4	09/16/2013 09/23/2013	OL-RQ - REQUAL INSP IP 7111111B Licensed Operator Requalification Program		2
3, 4	11/25/2013 11/27/2013	TI-182 - TI-182 BURIED PIPING/TANK - PHASE 2 IP 2515/182 Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping		1
3	01/13/2014 01/17/2014	ISI - UNIT 3 IN-SERVICE INSPECTION IP 7111108P Inservice Inspection Activities - PWR		1
3, 4	01/13/2014 01/17/2014	RP - RP PUBLIC RADIATION SAFETY BASELINE IP 71124.01 Radiological Hazard Assessment and Exposure Controls		4
3, 4	01/13/2014 01/17/2014	IP 71124.06 Radioactive Gaseous and Liquid Effluent Treatment		
3, 4	01/13/2014 01/17/2014	IP 71124.07 Radiological Environmental Monitoring Program		
3, 4	01/13/2014 01/17/2014	IP 71124.08 Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation		
3, 4	01/13/2014 01/17/2014	IP 71151 Performance Indicator Verification		

Turkey Point

Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
3	01/20/2014	01/24/2014	SGISI - UNIT 3 SG IN-SERVICE INSPECTION IP 7111108P Inservice Inspection Activities - PWR		1
3, 4	02/03/2014	02/07/2014	EP - EP PROGRAM INSPECTION IP 71111402 Alert and Notification System Testing		1
3, 4	02/03/2014	02/07/2014	IP 71111403 Emergency Preparedness Organization Staffing and Augmentation System		
3, 4	02/03/2014	02/07/2014	IP 71111405 Correction of Emergency Preparedness Weaknesses and Deficiencies		
3, 4	02/03/2014	02/07/2014	IP 711151 Performance Indicator Verification		
3, 4	03/03/2014	03/07/2014	CDBI - COMPONENT DESIGN BASES INSPECTION IP 71111121 Component Design Bases Inspection		6
3, 4	03/24/2014	03/28/2014	IP 71111121 Component Design Bases Inspection		
3, 4	04/07/2014	04/11/2014	IP 71111121 Component Design Bases Inspection		
3, 4	04/21/2014	04/25/2014	IP 71111121 Component Design Bases Inspection		

Comments: