



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

March 3, 2010

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 – TURKEY POINT NUCLEAR PLANT
(NRC INSPECTION REPORT 05000250/2010001, 05000251/2010001)**

Dear Mr. Nazar:

On February 10, 2010, the NRC staff completed its performance review of the Turkey Point Nuclear Plant. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2009. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only—Security-Related-Information" will include the security cornerstone review and resultant inspection plan.

Overall, Turkey Point Units 3 and 4 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. Although plant performance was within the Licensee Response column, the significance of Apparent Violations associated with the degradation of Boraflex in the SFP storage racks identified in NRC Inspection Report Nos. 05000250, 251/2009005 is still under review as part of the Significance Determination Process which, when finalized, may change our assessment of your plant's safety performance.

During this assessment, a management meeting with FPL was conducted on October 20, 2010, to discuss employee concerns and the recent SCWE survey results at Turkey Point Nuclear Plant. A followup management meeting is being scheduled prior to the mid-cycle review in 2010 to discuss the status of FPL's employee concern improvement plans.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through June 30, 2011. In addition to ROP baseline inspection activities, we also plan on conducting several infrequently performed inspections, which include Operator

Licensing Examinations and Temporary Instruction (TI) 2515/177, Managing Gas Accumulation in Emergency Core Cooling, Decay Heat Removal & Containment Spray System. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the mid-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 404-562-4629 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Marvin D. Sykes, 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 (03/01/2010 - 06/30/2011)

cc w/encl: (See page 3)

cc w/encl:

Alison Brown, Nuclear Licensing
Florida Power & Light Company
Electronic Mail Distribution

McHenry Cornell, Director
Licensing and Performance Improvement
Florida Power & Light Company
Electronic Mail Distribution

Michael Kiley, Site Vice President
Turkey Point Nuclear Plant
Florida Power and Light Company
Electronic Mail Distribution

Niel Batista
Emergency Management Coordinator
Department of Emergency Management
and Homeland Security
Electronic Mail Distribution

Paul Rubin
(Acting) Plant General Manager
Turkey Point Nuclear Plant
Florida Power and Light Company
Electronic Mail Distribution

Abdy Khanpour, Vice President
Engineering Support
Florida Power and Light Company
P.O. Box 14000
Juno Beach, FL 33408-0420

Mark E. Warner
Vice President, Nuclear Operations
South Region
Florida Power & Light Company
Electronic Mail Distribution

Mitch S. Ross
Vice President and Associate General
Counsel
Florida Power & Light Company
Electronic Mail Distribution

Marjan Mashhadi, Senior Attorney
Florida Power & Light Company
Electronic Mail Distribution

William A. Passetti, Chief
Florida Bureau of Radiation Control
Department of Health
Electronic Mail Distribution

Ruben D. Almaguer, Director
Division of Emergency Preparedness
Department of Community Affairs
Electronic Mail Distribution

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

(Vacant)
Vice President
Nuclear Plant Support
Florida Power & Light Company
Electronic Mail Distribution

Senior Resident Inspector
Turkey Point Nuclear Generating Station
U.S. Nuclear Regulatory Commission
9760 SW 344th St.
Florida City, FL 33035

Attorney General
Department of Legal Affairs
The Capitol PL-01
Tallahassee, FL 32399-1050

Mike A. Shehadeh, P.E.
City Manager
City of Homestead
Electronic Mail Distribution

County Manager of Miami-Dade County
111 NW 1st Street, 29th Floor
Miami, FL 33128

Gene St. Pierre
Vice President - Fleet Organizational
Support
Florida Power & Light Company
Electronic Mail Distribution

Turkey Point
Inspection / Activity Plan
03/01/2010 - 06/30/2011

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			DRP/BR3 - CHOICE LETTER		3
3	02/14/2010	03/06/2010	IP 71152-Reviews	In-depth Reviews	
			EB1-MODS - MODIFICATIONS -10CFR50.59		3
3,4	04/19/2010	04/23/2010	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
3,4	05/03/2010	05/07/2010	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		5
3	05/03/2010	05/07/2010	IP 71152B	Identification and Resolution of Problems	
3	05/17/2010	05/21/2010	IP 71152B	Identification and Resolution of Problems	
			EB3 HS - HEAT SINK INSPECTION		1
3,4	08/09/2010	08/13/2010	IP 7111107T	Heat Sink Performance	
			OL EXAM - INITIAL EXAM PREP		4
3	09/27/2010	10/01/2010	V23312	TURKEY POINT/OCTOBER 2010 EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM PREP		3
3	09/27/2010	10/01/2010	V23312	TURKEY POINT/OCTOBER 2010 EXAM AT POWER FACILITIES	
			PSB1-RP - RP ACCESS CONTROLS		1
3,4	09/27/2010	10/01/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			EB3ISI - UNIT 3 INSERVICE INSPECTION		1
3	10/04/2010	10/08/2010	IP 7111108P	Inservice Inspection Activities - PWR	
			OL EXAM - INITIAL EXAM PREP		8
3	10/04/2010	10/08/2010	V23312	TURKEY POINT/OCTOBER 2010 EXAM AT POWER FACILITIES	
			EB3SGISI - UNIT 3 SG INSERVICE INSPECTION		1
3	10/11/2010	10/15/2010	IP 7111108P	Inservice Inspection Activities - PWR	
			OL EXAM - INITIAL EXAM WEEK 1		7
3	10/18/2010	10/22/2010	V23312	TURKEY POINT/OCTOBER 2010 EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM WEEK 3		4
3	11/15/2010	11/19/2010	V23312	TURKEY POINT/OCTOBER 2010 EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM WEEK 4		4
3	11/22/2010	11/26/2010	V23312	TURKEY POINT/OCTOBER 2010 EXAM AT POWER FACILITIES	
			TI-177 - TI-177 GAS INTRUSION		3
3,4	01/10/2011	01/14/2011	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
			PSB1EP - EMERGENCY PREPAREDNESS EXERCISE		4
3,4	02/07/2011	02/11/2011	IP 7111401	Exercise Evaluation	
3,4	02/07/2011	02/11/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
3,4	02/07/2011	02/11/2011	IP 71151-EP01	Drill/Exercise Performance	
3,4	02/07/2011	02/11/2011	IP 71151-EP02	ERO Drill Participation	

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

Enclosure

Turkey Point
Inspection / Activity Plan
03/01/2010 - 06/30/2011

Unit Number	Planned Dates Start End		Inspection Activity	Title	No. of Staff on Site
PSB1EP - EMERGENCY PREPAREDNESS EXERCISE					4
3, 4	02/07/2011	02/11/2011	IP 71151-EP03	Alert & Notification System	

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

Enclosure