



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

September 2, 2008

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

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – TURKEY  
POINT NUCLEAR PLANT

Dear Mr. Stall:

On August 13, 2008, the NRC staff completed its performance review of Turkey Point Nuclear Plant, Units 3 and 4 for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 Physical Protection/Security cornerstone performance review and resultant inspection plan.

Plant performance for the most recent quarter at Turkey Point, Units 3 and 4 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. We also plan on conducting a non-ROP inspection of the Emergency Response Organization Drill/Exercise Performance Indicator (TI 2515/175). In addition, TI 2515/173, "Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative", will be performed at your facility prior to August 30, 2010. In the near term, we will contact you to assess your readiness for this inspection and then finalize our schedule accordingly.

Additionally, in our end of cycle assessment letter dated March 3, 2008, we advised you of the continuation of a substantive cross-cutting issue in the problem identification and resolution area involving weaknesses in the thorough evaluation of identified problems (P.1.c) and completeness of subsequent corrective actions. We requested that you conduct an independent assessment of the effectiveness of your implementation of key corrective actions to prevent recurrence and the causes behind the failure to complete required training for key

individuals assigned responsibility to assess and recommend actions to resolve backlogged, longstanding issues at Turkey Point. You have informed us this assessment has been completed.

During this period, our inspectors continued to review your initiatives in this area and noted substantial improvements. Inspections to evaluate the effectiveness of your corrective action program improvement initiatives were completed March and June 2008. The inspection teams concluded that progress has been made in improving all areas addressed by your improvement plan. Overall, corrective actions developed and implemented for issues were effective in correcting the problems. The inspection teams also assessed the licensee's safety conscious work environment and determined that employees felt free to raise concerns without fear of retaliation. No findings of significance were identified during these inspections.

Based on the recent inspection results and the continued improvement in effectiveness of your corrective actions, the NRC considered this longstanding cross-cutting theme is closed.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2009. 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 end-of-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 the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Mr. Marvin Sykes at 404-562-4629 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Leonard D. Wert, Jr., Director  
Division of Reactor Projects

Enclosure: Turkey Point Nuclear Plant Inspection / Activity Plan

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

cc w/encl: (See page 3)

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**Turkey Point**  
**Inspection / Activity Plan**  
**09/01/2008 - 12/31/2009**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>EB1-CDBI</b>	<b>- COMPONENT DESIGN BASIS INSPECTION</b>	<b>8</b>			
3,4	IP 7111121	Component Design Bases Inspection		09/08/2008	09/12/2008	Baseline Inspections
3,4	IP 7111121	Component Design Bases Inspection		09/22/2008	09/26/2008	Baseline Inspections
3,4	IP 7111121	Component Design Bases Inspection		10/06/2008	10/10/2008	Baseline Inspections
	<b>OL EXAM</b>	<b>- INITIAL EXAM PREP</b>	<b>3</b>			
3	V23299	TURKEY POINT/FEBRUARY 2009 EXAM AT POWER FACILITIES		02/02/2009	02/06/2009	Not Applicable
	<b>PSB1EP</b>	<b>- EMERGENCY PREPAREDNESS EXERCISE</b>	<b>3</b>			
3,4	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review		02/16/2009	02/20/2009	Baseline Inspections
3,4	IP 7111401	Exercise Evaluation		02/16/2009	02/20/2009	EP Baseline Inspection
3,4	IP 7111404	Emergency Action Level and Emergency Plan Changes		02/16/2009	02/20/2009	EP Baseline Inspection
3,4	IP 71151-EP01	Drill/Exercise Performance		02/16/2009	02/20/2009	Baseline Inspections
3,4	IP 71151-EP02	ERO Drill Participation		02/16/2009	02/20/2009	Baseline Inspections
3,4	IP 71151-EP03	Alert & Notification System		02/16/2009	02/20/2009	Baseline Inspections
	<b>OL EXAM</b>	<b>- INITIAL EXAM</b>	<b>3</b>			
3	V23299	TURKEY POINT/FEBRUARY 2009 EXAM AT POWER FACILITIES		02/23/2009	03/06/2009	Not Applicable
	<b>EB3ISI</b>	<b>- UNIT 3 INSERVICE INSPECTION</b>	<b>1</b>			
3	IP 7111108P	Inservice Inspection Activities - PWR		03/09/2009	03/13/2009	Baseline Inspections
	<b>OL EXAM</b>	<b>- INITIAL EXAM PREP</b>	<b>3</b>			
3	V23313	TURKEY POINT/AUGUST 2009 EXAM AT POWER FACILITIES		07/27/2009	07/31/2009	Not Applicable
	<b>OL EXAM</b>	<b>- INITIAL EXAM - WEEK 1</b>	<b>3</b>			
3	V23313	TURKEY POINT/AUGUST 2009 EXAM AT POWER FACILITIES		08/17/2009	08/21/2009	Not Applicable
	<b>OL EXAM</b>	<b>- INITIAL EXAM - WEEK 2</b>	<b>3</b>			
3	V23313	TURKEY POINT/AUGUST 2009 EXAM AT POWER FACILITIES		08/31/2009	09/04/2009	Not Applicable
	<b>OL EXAM</b>	<b>- INITIAL EXAM - WEEK 3</b>	<b>3</b>			
3	V23313	TURKEY POINT/AUGUST 2009 EXAM AT POWER FACILITIES		09/14/2009	09/18/2009	Not Applicable
	<b>PSB1-RP</b>	<b>- RP OCCUPATIONAL PREINSPECTION VISIT</b>	<b>1</b>			
3,4	IP 7112101	Access Control to Radiologically Significant Areas		09/21/2009	09/25/2009	Baseline Inspections
	<b>PSB1-RP</b>	<b>- RP OCCUPATIONAL INSPECTION WK1 (OUTAGE)</b>	<b>2</b>			
3,4	IP 7112101	Access Control to Radiologically Significant Areas		10/26/2009	10/30/2009	Baseline Inspections
3,4	IP 7112102	ALARA Planning and Controls		10/26/2009	10/30/2009	Baseline Inspections
3,4	IP 7112202	Radioactive Material Processing and Transportation		10/26/2009	10/30/2009	Baseline Inspections
3,4	IP 71151-OR01	Occupational Exposure Control Effectiveness		10/26/2009	10/30/2009	Baseline Inspections
3,4	IP 71151-PR01	RETS/ODCM Radiological Effluent		10/26/2009	10/30/2009	Baseline Inspections
	<b>EB3ISI</b>	<b>- UNIT 4 INSERVICE INSPECTION</b>	<b>1</b>			
4	IP 7111108P	Inservice Inspection Activities - PWR		11/02/2009	11/06/2009	Baseline Inspections

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

**Turkey Point**  
**Inspection / Activity Plan**  
**09/01/2008 - 12/31/2009**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>PSB1-RP</b>	<b>- RP OCCUPATIONAL INSPECTION WK2 (OUTAGE)</b>	<b>2</b>			
3,4	IP 7112101	Access Control to Radiologically Significant Areas		11/16/2009	11/20/2009	Baseline Inspections
3,4	IP 7112102	ALARA Planning and Controls		11/16/2009	11/20/2009	Baseline Inspections
3,4	IP 7112202	Radioactive Material Processing and Transportation		11/16/2009	11/20/2009	Baseline Inspections
	<b>INSP</b>	<b>- MODIFICATIONS/50.59 INSPECTION</b>	<b>4</b>			
3,4	IP 7111117	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications		11/30/2009	12/04/2009	Baseline Inspections
3,4	IP 7111117	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications		12/07/2009	12/11/2009	Baseline Inspections

This report does not include INPO and OUTAGE activities.  
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