



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

March 2, 2006

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

SUBJECT: ANNUAL ASSESSMENT LETTER - TURKEY POINT NUCLEAR PLANT
(NRC INSPECTION REPORT 05000250/2006001 AND 05000251/2006001)

Dear Mr. Stall:

On February 8, 2006, the NRC staff completed its performance review of 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, 2005. 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 physical protection information. A separate letter designated and marked as "Official Use Only - Security-Related Information," will include the physical protection 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 for both units was within the Regulatory Response column of the NRC's Action Matrix. We base this conclusion on the fact that both units crossed the threshold from Green to White for the PI "Heat Removal System (AFW) Unavailability." In addition, a preliminary White finding involving the B Auxiliary Feedwater Pump being inoperable is still under review as part of the Significance Determination Process.

Turkey Point Unit 4 performance for the third quarter of the assessment cycle was within the Regulatory Response Column of the NRC's Action Matrix. We base this conclusion on the fact that it crossed the threshold from Green to White for the PI, "Unplanned Scrams per 7000 Critical Hours." A Supplemental Inspection using Inspection Procedure 95001, "Inspection for One or Two White Inputs In a Strategic Performance Area," was conducted in December 2005 and one Green finding of significance was identified.

We plan to conduct a Supplemental Inspection 95001 for the preliminary White finding associated with the Auxiliary Feedwater System, but recognize that your root cause analysis has not been finalized and other planned activities are already scheduled to preclude conducting an additional inspection at this time. Therefore, we will contact you at a later date to schedule the supplemental inspection. With that exception, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. Additionally, we plan to conduct a non-ROP

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inspection, involving a pressurized water reactor (PWR) containment sump blockage temporary instruction (TI).

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through September 30, 2007. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of the inspector's 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. Although our intent is to maintain the enclosed inspection plan fixed for the first nine months, a need may arise to conduct one or more unanticipated inspections prior to issuing an updated inspection plan with the 2006 assessment cycle mid-cycle letter. If an inspection of this type becomes necessary, we will notify you of the planned inspection dates as soon as possible to resolve as much as we can, any scheduling and personnel availability conflicts you may have.

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 Joel Munday at 404-562-4560 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Charles A. Casto, Director
Division of Reactor Projects

Docket No(s). 50-250, 50-251
License No(s). DPR-31, DPR-41

Enclosure: Turkey Point Inspection/Activity Plan

cc w/encl:

T. O. Jones
Site Vice President
Turkey Point Nuclear Plant
Florida Power and Light Company
Electronic Mail Distribution

Walter Parker
Licensing Manager
Turkey Point Nuclear Plant
Florida Power and Light Company
Electronic Mail Distribution

Michael O. Pearce
Plant General Manager
Turkey Point Nuclear Plant
Florida Power and Light Company
Electronic Mail Distribution

Mark Warner, Vice President
Nuclear Operations Support
Florida Power & Light Company
Electronic Mail Distribution

Rajiv S. Kundalkar
Vice President - Nuclear Engineering
Florida Power & Light Company
Electronic Mail Distribution

M. S. Ross, Managing Attorney
Florida Power & Light Company
Electronic Mail Distribution

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

Attorney General
Department of Legal Affairs
The Capitol
Tallahassee, FL 32304

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

County Manager
Metropolitan Dade County
Electronic Mail Distribution

Craig Fugate, Director
Division of Emergency Preparedness
Department of Community Affairs
Electronic Mail Distribution

Curtis Ivy
City Manager of Homestead
Electronic Mail Distribution

Turkey Point
Inspection / Activity Plan
03/01/2006 - 09/30/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB3-ISI - U3 INSERVICE INSPECTION		2			
3	IP 7111108P	Inservice Inspection Activities - PWR		03/13/2006	03/17/2006	Baseline Inspections
	EB1-CDB - COMPONENT DESIGN BASES INSPECTION		7			
3,4	IP 7111121	Component Design Bases Inspection		08/14/2006	08/18/2006	Baseline Inspections
3,4	IP 7111121	Component Design Bases Inspection		08/28/2006	09/01/2006	Baseline Inspections
3,4	IP 7111121	Component Design Bases Inspection		09/11/2006	09/15/2006	Baseline Inspections
3,4	IP 7111121	Component Design Bases Inspection		09/25/2006	09/29/2006	Baseline Inspections
	EB3-ISI - U4 INSERVICE INSPECTION		1			
4	IP 7111108P	Inservice Inspection Activities - PWR		11/06/2006	11/10/2006	Baseline Inspections
	EB3SGISI - U4 STEAM GENERATOR ISI		1			
4	IP 7111108P	Inservice Inspection Activities - PWR		11/13/2006	11/17/2006	Baseline Inspections
	EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI (U-4)		2			
4	IP 93812	Special Inspection		11/19/2006	11/24/2006	Event Response Insp
	TFP - TRIENNIAL FP PRE-INSPECTION VISIT		4			
3,4	IP 7111105T	Fire Protection [Triennial]		01/03/2007	01/05/2007	Baseline Inspections
	EB1-MODS - MODIFICATIONS/10CFR50.59		3			
3,4	IP 7111102	Evaluation of Changes, Tests, or Experiments		01/08/2007	01/12/2007	Baseline Inspections
3,4	IP 7111117B	Permanent Plant Modifications		01/08/2007	01/12/2007	Baseline Inspections
	OL PREP - INITIAL EXAM PREP		3			
3	V23260	TURKEY POINT/JANUARY 2007 EXAM AT POWER FACILITIES		01/08/2007	01/12/2007	Not Applicable
	OL EXAM - INITIAL EXAM WEEK1		3			
3	V23260	TURKEY POINT/JANUARY 2007 EXAM AT POWER FACILITIES		01/22/2007	01/28/2007	Not Applicable
	TFP - TRIENNIAL FIRE PROTECTION INSPECTION		4			
3,4	IP 7111105T	Fire Protection [Triennial]		01/22/2007	01/26/2007	Baseline Inspections
3,4	IP 7111105T	Fire Protection [Triennial]		02/05/2007	02/09/2007	Baseline Inspections
	OL EXAM - INITIAL EXAM WEEK 2		3			
3	V23260	TURKEY POINT/JANUARY 2007 EXAM AT POWER FACILITIES		02/05/2007	02/09/2007	Not Applicable
	PS2-EP - EP EXERCISE		3			
3,4	IP 7111401	Exercise Evaluation		02/19/2007	02/23/2007	Baseline Inspections
3,4	IP 7111404	Emergency Action Level and Emergency Plan Changes		02/19/2007	02/23/2007	Baseline Inspections
3,4	IP 71151	Performance Indicator Verification		02/19/2007	02/23/2007	Baseline Inspections
	EB3-MR - MAINTENANCE EFFECTIVENESS		1			
3,4	IP 7111112B	Maintenance Effectiveness		07/23/2007	07/27/2007	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL PRE-INSP VISIT		1			
3,4	IP 7112101	Access Control to Radiologically Significant Areas		08/06/2007	08/08/2007	Baseline Inspections

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
03/01/2006 - 09/30/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	EB3-HS - HEAT SINK		1			
3,4	IP 7111107B	Heat Sink Performance		08/27/2007	08/31/2007	Baseline Inspections
	EB3-ISI - U3 INSERVICE INSPECTION		1			
3	IP 7111108P	Inservice Inspection Activities - PWR		09/17/2007	09/21/2007	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL BASELINE INSP. WK1		3			
3,4	IP 7112101	Access Control to Radiologically Significant Areas		09/17/2007	09/21/2007	Baseline Inspections
3,4	IP 7112102	ALARA Planning and Controls		09/17/2007	09/21/2007	Baseline Inspections
3,4	IP 7112202	Radioactive Material Processing and Transportation		09/17/2007	09/21/2007	Baseline Inspections
3,4	IP 71151	Performance Indicator Verification		09/17/2007	09/21/2007	Baseline Inspections
	EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI (U-3)		2			
3	IP 93812	Special Inspection		09/23/2007	09/28/2007	Event Response Insp
	EB3SGISI - U3 STEAM GENERATOR ISI		1			
3	IP 7111108P	Inservice Inspection Activities - PWR		09/24/2007	09/28/2007	Baseline Inspections