



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

March 2, 2005

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 05000250/2005001 AND 05000251/2005001)

Dear Mr. Stall:

On February 9, 2005, the NRC staff completed its end-of-cycle plant performance assessment of Turkey Point Nuclear Plant. The end-of-cycle review for Turkey Point involved the participation of the reactor technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2004. 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 will allow you an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities. This performance review and the enclosed inspection plan do not include physical protection information. A separate end-of-cycle performance review letter, designated and marked as "Exempt from Public Disclosure in accordance with 10 CFR 2.390", will include the physical protection review and a resultant inspection plan.

Overall, Turkey Point 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 only reactor oversight process (ROP) baseline inspections at your facility through September 30, 2006. We also plan to conduct several non-ROP inspections which include reactor head replacement activities, containment welds and concrete repairs. In addition, we intend to conduct a followup inspection of the open unresolved fire protection issues, in the latter part of 2005, after we have completed additional review of related generic technical concerns. You will be contacted with the date of that inspection at a later time.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2006. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved 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 meeting.

ML050610164-pkg
ML050610167-ltr
ML050610172-encl

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

Sincerely,

/RA/

Joel T. Munday, Chief
Reactor Projects Branch 3
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: (See page 3)

FPL

3

cc w/encl:
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Turkey Point
Inspection / Activity Plan
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	MTN-HEAD - REACTOR HEAD REPLACEMENT		1			
4	IP 71007	Reactor Vessel Head Replacement Inspection		04/18/2005	04/20/2005	Other Routine
	PS1-RP - RADIATION PROTECTION		2			
4	IP 71007	Reactor Vessel Head Replacement Inspection		04/18/2005	04/22/2005	Other Routine
3,4	IP 7112101	Access Control to Radiologically Significant Areas		04/18/2005	04/22/2005	Baseline Inspections
3,4	IP 7112102	ALARA Planning and Controls		04/18/2005	04/22/2005	Baseline Inspections
3,4	IP 7112202	Radioactive Material Processing and Transportation		04/18/2005	04/22/2005	Baseline Inspections
3,4	IP 71151	Performance Indicator Verification		04/18/2005	04/22/2005	Baseline Inspections
	MTNSGISI - STEAM GENERATOR ISI		1			
4	IP 7111108P	Inservice Inspection Activities - PWR		04/25/2005	04/29/2005	Baseline Inspections
	MTN-HEAD - CONTAINMENT WELDING REPAIR		1			
4	IP 71007	Reactor Vessel Head Replacement Inspection		05/02/2005	05/06/2005	Other Routine
	MTN-ISI - U4 INSERVICE INSPECTION		1			
4	IP 7111108P	Inservice Inspection Activities - PWR		05/02/2005	05/06/2005	Baseline Inspections
	MTN-HEAD - CONCRETE REPAIR		1			
4	IP 71007	Reactor Vessel Head Replacement Inspection		05/16/2005	05/19/2005	Other Routine
	PS-RP - RADIATION PROTECTION		2			
4	IP 71007	Reactor Vessel Head Replacement Inspection		05/16/2005	05/20/2005	Other Routine
3,4	IP 7112101	Access Control to Radiologically Significant Areas		05/16/2005	05/20/2005	Baseline Inspections
3,4	IP 7112102	ALARA Planning and Controls		05/16/2005	05/20/2005	Baseline Inspections
3,4	IP 7112202	Radioactive Material Processing and Transportation		05/16/2005	05/20/2005	Baseline Inspections
3,4	IP 71151	Performance Indicator Verification		05/16/2005	05/20/2005	Baseline Inspections
	OL PREP - INITIAL EXAM PREP		3			
3	V23236	TURKEY POINT/EXAM AT POWER FACILITIES		06/27/2005	07/01/2005	Not Applicable
	OL EXAM - INITIAL EXAM		4			
3	V23236	TURKEY POINT/EXAM AT POWER FACILITIES		07/18/2005	07/22/2005	Not Applicable
3	V23236	TURKEY POINT/EXAM AT POWER FACILITIES		08/01/2005	08/05/2005	Not Applicable
	MTN-HS - HEAT SINK		1			
3,4	IP 7111107B	Heat Sink Performance		08/15/2005	08/19/2005	Baseline Inspections
	PS2-EP - EP INSP		1			
3,4	IP 7111402	Alert and Notification System Testing		01/23/2006	01/27/2006	Baseline Inspections
3,4	IP 7111403	Emergency Response Organization Augmentation Testing		01/23/2006	01/27/2006	Baseline Inspections
3,4	IP 7111404	Emergency Action Level and Emergency Plan Changes		01/23/2006	01/27/2006	Baseline Inspections
3,4	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		01/23/2006	01/27/2006	Baseline Inspections
3,4	IP 71151	Performance Indicator Verification		01/23/2006	01/27/2006	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
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
MTN-MR - MR EFFECTIVENESS			2			
3,4	IP 711112B	Maintenance Effectiveness		02/06/2006	02/10/2006	Baseline Inspections
PS1-RP - RP PUBLIC BASELINE			4			
3,4	IP 7112101	Access Control to Radiologically Significant Areas		02/06/2006	02/10/2006	Baseline Inspections
3,4	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		02/06/2006	02/10/2006	Baseline Inspections
3,4	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		02/06/2006	02/10/2006	Baseline Inspections
3,4	IP 7112203	Radiological Environmental Monitoring Program		02/06/2006	02/10/2006	Baseline Inspections
3,4	IP 71151	Performance Indicator Verification		02/06/2006	02/10/2006	Baseline Inspections
OL RQ - REQUAL INSPECTION			2			
3,4	IP 7111111B	Licensed Operator Requalification Program		02/27/2006	03/03/2006	Baseline Inspections
MTN-ISI - U3 INSERVICE INSPECTION			2			
3	IP 7111108P	Inservice Inspection Activities - PWR		03/13/2006	03/17/2006	Baseline Inspections
MTNSGSI - U3 STEAM GENERATOR ISI			1			
3	IP 7111108P	Inservice Inspection Activities - PWR		03/20/2006	03/24/2006	Baseline Inspections
OL PREP - INITIAL EXAM PREP			3			
3	V23236	TURKEY POINT/EXAM AT POWER FACILITIES		05/22/2006	05/26/2006	Not Applicable
OL EXAM - INITIAL EXAM			3			
3	V23236	TURKEY POINT/EXAM AT POWER FACILITIES		06/19/2006	06/30/2006	Not Applicable
EB1SSDPC - SSDPC PRE-INSPECTION VISIT			1			
3,4	IP 7111121	Safety System Design and Performance Capability		07/17/2006	07/20/2006	Baseline Inspections
EB1SSDPC - SAFETY SYSTEM DESIGN & PERF. CAPABILITY			6			
3,4	IP 7111121	Safety System Design and Performance Capability		08/07/2006	08/11/2006	Baseline Inspections