



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

November 27, 2000

Florida Power and Light Company  
ATTN: Mr. T. F. Plunkett  
President - Nuclear Division  
P. O. Box 14000  
Juno Beach, FL 33408-0420

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

Dear Mr. Plunkett:

On November 7, 2000, the NRC staff completed its mid-cycle plant performance assessment of the Turkey Point Nuclear Plant. The mid-cycle review for Turkey Point Nuclear Plant involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period of April 2, 2000 through September 30, 2000. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Plant performance for the most recent quarter 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). The NRC staff noted several deficiencies in the physical security program during a recent inspection. We plan to conduct an Operational Safeguards Response Evaluation at your facility as indicated on the enclosed inspection plan.

The enclosed inspection plan details the scheduled inspections through September 30, 2001. The 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 last six months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 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/NRC/ADAMS/index.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 404-562-4540 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Leonard D. Wert, 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

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**Turkey Point**  
**Inspection / Activity Plan**  
**12/04/2000 - 09/30/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>OL EXAM - INITIAL EXAM</b>		<b>5</b>			
3	V23159	TURKEY POINT 3/INITIAL EXAMS AT POWER FACILITIES		12/11/2000	12/15/2000	Not Applicable
	<b>EB-FP - FIRE PROTECTION PRE-INSPECTION VISIT</b>		<b>4</b>			
3, 4	IP 7111105T	Fire Protection		01/08/2001	01/12/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
3, 4	IP 7112101	Access Control to Radiologically Significant Areas		01/29/2001	02/02/2001	Baseline Inspections
3, 4	IP 7112103	Radiation Monitoring Instrumentation		01/29/2001	02/02/2001	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>1</b>			
3, 4	IP 7113001	Access Authorization Program (Behavior Observation Only)		01/29/2001	02/02/2001	Baseline Inspections
3, 4	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		01/29/2001	02/02/2001	Baseline Inspections
3, 4	IP 71151	Performance Indicator Verification		01/29/2001	02/02/2001	Baseline Inspections
	<b>EB-FP - FIRE PROTECTION</b>		<b>4</b>			
3, 4	IP 7111105T	Fire Protection		02/05/2001	02/09/2001	Baseline Inspections
	<b>OL EP - EMERGENCY PREPAREDNESS</b>		<b>1</b>			
3, 4	IP 7111402	Alert and Notification System Testing		02/19/2001	02/23/2001	Baseline Inspections
3, 4	IP 7111403	Emergency Response Organization Augmentation Testing		02/19/2001	02/23/2001	Baseline Inspections
3, 4	IP 7111404	Emergency Action Level and Emergency Plan Changes		02/19/2001	02/23/2001	Baseline Inspections
3, 4	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		02/19/2001	02/23/2001	Baseline Inspections
	<b>PB3-PI&amp;R - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>3</b>			
3, 4	IP 71152	Identification and Resolution of Problems		03/19/2001	03/30/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
3, 4	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/11/2001	06/15/2001	Baseline Inspections
3, 4	IP 7112202	Radioactive Material Processing and Transportation		06/11/2001	06/15/2001	Baseline Inspections
3, 4	IP 7112203	Radiological Environmental Monitoring Program		06/11/2001	06/15/2001	Baseline Inspections
	<b>MB LR - LICENSE RENEWAL</b>		<b>3</b>			
3, 4	IP 71002	License Renewal Inspection		06/25/2001	07/13/2001	Other Routine
	<b>PS-SEC - SECURITY</b>		<b>6</b>			
3, 4	IP 81110	Operational Safeguards Response Evaluation (OSRE)		07/16/2001	07/20/2001	Regional Initiative
	<b>MB MR - MAINT RULE</b>		<b>1</b>			
3, 4	IP 7111112B	Maintenance Rule Implementation		07/23/2001	07/27/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
3, 4	IP 7112101	Access Control to Radiologically Significant Areas		07/30/2001	08/03/2001	Baseline Inspections
3, 4	IP 7112102	ALARA Planning and Controls		07/30/2001	08/03/2001	Baseline Inspections
3, 4	IP 7112103	Radiation Monitoring Instrumentation		07/30/2001	08/03/2001	Baseline Inspections
3, 4	IP 71151	Performance Indicator Verification		07/30/2001	08/03/2001	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**  
**12/04/2000 - 09/30/2001**

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				Start	End	
	<b>PS-SEC</b>	<b>- SECURITY</b>	<b>1</b>			
3, 4	IP 7113001	Access Authorization Program (Behavior Observation Only)		08/20/2001	08/24/2001	Baseline Inspections
3, 4	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		08/20/2001	08/24/2001	Baseline Inspections
	<b>PB3</b>	<b>- ADVERSE WEATHER PROTECTION</b>	<b>1</b>			
3, 4	IP 7111101	Adverse Weather Protection		08/27/2001	08/31/2001	Baseline Inspections
	<b>PB3</b>	<b>- FLOOD PROTECTION MEASURES</b>	<b>1</b>			
3, 4	IP 7111106	Flood Protection Measures		08/27/2001	08/31/2001	Baseline Inspections
	<b>MB HS</b>	<b>- HEAT SINK</b>	<b>1</b>			
3, 4	IP 7111107B	Heat Sink Performance		09/24/2001	09/28/2001	Baseline Inspections