Florida Power and Light Company  
ATTN: Mr. Mano Nazar, 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 05000250/2009001, 05000251/2009001)  

Dear Mr. Nazar:

On February 11, 2009, 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, 2008. 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. We also plan on conducting several non-ROP baseline inspections which include: temporary instruction (TI) 2515/173, Review of the Implementation of the Industry Ground Water Protection Volunteer Initiative and Operator Licensing Examinations.

In our mid-cycle assessment letter dated September 2, 2008, the NRC considered this long standing cross-cutting issue in the area of the PI&R was closed based on our recent inspection results and the continued improvement in effectiveness of your corrective actions.
The enclosed inspection plan details the inspections, less those related to physical protection scheduled through June 30, 2010. 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 (03/01/09 - 06/30/10)

cc w/encl: (See page 3)
cc w/encl:
Alison Brown  
Nuclear Licensing  
Florida Power & Light Company  
Electronic Mail Distribution

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

Robert J. Hughes  
Director  
Licensing and Performance Improvement  
Florida Power & Light Company  
Electronic Mail Distribution

William Jefferson, Jr.  
Site Vice President  
Turkey Point Nuclear Plant  
Florida Power and Light Company  
Electronic Mail Distribution

Don E. Grissette  
Vice President, Nuclear Operations - South Region  
Florida Power & Light Company  
Electronic Mail Distribution

Michael Kiley  
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  
Electronic Mail Distribution

M. S. Ross  
Managing Attorney  
Florida Power & Light Company  
Electronic Mail Distribution
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
<table>
<thead>
<tr>
<th>Unit Number</th>
<th>Planned Dates Start</th>
<th>Planned Dates End</th>
<th>Inspection Activity</th>
<th>Title</th>
<th>No. of Staff on Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>03/02/2009</td>
<td>03/06/2009</td>
<td>OL EXAM - INITIAL EXAM WEEK 2</td>
<td>OL EXAM - INITIAL EXAM WEEK 2</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>03/23/2009</td>
<td>03/27/2009</td>
<td>EB3ISI - UNIT 3 INSERVICE INSPECTION</td>
<td>EB3ISI - UNIT 3 INSERVICE INSPECTION</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>07/27/2009</td>
<td>07/31/2009</td>
<td>OL EXAM - INITIAL EXAM PREP</td>
<td>OL EXAM - INITIAL EXAM PREP</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>08/17/2009</td>
<td>08/21/2009</td>
<td>OL EXAM - INITIAL EXAM - WEEK 1</td>
<td>OL EXAM - INITIAL EXAM - WEEK 1</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>08/31/2009</td>
<td>09/04/2009</td>
<td>OL EXAM - INITIAL EXAM - WEEK 2</td>
<td>OL EXAM - INITIAL EXAM - WEEK 2</td>
<td>5</td>
</tr>
<tr>
<td>3, 4</td>
<td>10/26/2009</td>
<td>10/30/2009</td>
<td>PSB1-RP - RP OCCUPATIONAL INSPECTION WK1 (OUTAGE)</td>
<td>PSB1-RP - RP OCCUPATIONAL INSPECTION WK1 (OUTAGE)</td>
<td>2</td>
</tr>
<tr>
<td>3, 4</td>
<td>10/26/2009</td>
<td>10/30/2009</td>
<td>EB3ISI - UNIT 4 INSERVICE INSPECTION</td>
<td>EB3ISI - UNIT 4 INSERVICE INSPECTION</td>
<td>1</td>
</tr>
<tr>
<td>3, 4</td>
<td>10/26/2009</td>
<td>10/30/2009</td>
<td>EB3SISI - UNIT 4 STEAM GENERATOR ISI</td>
<td>EB3SISI - UNIT 4 STEAM GENERATOR ISI</td>
<td>1</td>
</tr>
<tr>
<td>3, 4</td>
<td>10/26/2009</td>
<td>10/30/2009</td>
<td>EB1-MODS - MODIFICATIONS -10CFR50.59</td>
<td>EB1-MODS - MODIFICATIONS -10CFR50.59</td>
<td>3</td>
</tr>
<tr>
<td>3, 4</td>
<td>01/11/2010</td>
<td>01/15/2010</td>
<td>OL RQ - REQUAL INSPECTION</td>
<td>OL RQ - REQUAL INSPECTION</td>
<td>2</td>
</tr>
<tr>
<td>3, 4</td>
<td>01/11/2010</td>
<td>01/15/2010</td>
<td>PSB1-RP - RP PUBLIC RADIATION PROTECTION</td>
<td>PSB1-RP - RP PUBLIC RADIATION PROTECTION</td>
<td>3</td>
</tr>
</tbody>
</table>

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.
### Turkey Point
#### Inspection / Activity Plan
**03/01/2009 - 06/30/2010**

<table>
<thead>
<tr>
<th>Unit Number</th>
<th>Planned Dates Start</th>
<th>Planned Dates End</th>
<th>Inspection Activity</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSB1-RP</td>
<td>01/11/2010</td>
<td>01/15/2010</td>
<td>IP 7112201</td>
<td>Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems</td>
</tr>
<tr>
<td></td>
<td>01/11/2010</td>
<td>01/15/2010</td>
<td>IP 7112203</td>
<td>Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program</td>
</tr>
<tr>
<td></td>
<td>01/11/2010</td>
<td>01/15/2010</td>
<td>IP 71151</td>
<td>Performance Indicator Verification</td>
</tr>
<tr>
<td></td>
<td>01/11/2010</td>
<td>01/15/2010</td>
<td></td>
<td><strong>PSB1EP - EMERGENCY PREPAREDNESS INSPECTION</strong></td>
</tr>
<tr>
<td>PSB1EP</td>
<td>02/15/2010</td>
<td>02/19/2010</td>
<td>IP 7111402</td>
<td>Alert and Notification System Testing</td>
</tr>
<tr>
<td></td>
<td>02/15/2010</td>
<td>02/19/2010</td>
<td>IP 7111403</td>
<td>Emergency Response Organization Augmentation Testing</td>
</tr>
<tr>
<td></td>
<td>02/15/2010</td>
<td>02/19/2010</td>
<td>IP 7111404</td>
<td>Emergency Action Level and Emergency Plan Changes</td>
</tr>
<tr>
<td></td>
<td>02/15/2010</td>
<td>02/19/2010</td>
<td>IP 7111405</td>
<td>Correction of Emergency Preparedness Weaknesses and Deficiencies</td>
</tr>
<tr>
<td></td>
<td>02/15/2010</td>
<td>02/19/2010</td>
<td>IP 71151</td>
<td>Performance Indicator Verification</td>
</tr>
</tbody>
</table>

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

Enclosure