



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
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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 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:

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4

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