



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

September 2, 2008

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

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

Dear Mr. Stall:

On August 13, 2008, the NRC staff completed its performance review of Turkey Point Nuclear Plant, Units 3 and 4 for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 Physical Protection/Security cornerstone performance review and resultant inspection plan.

Plant performance for the most recent quarter at Turkey Point, Units 3 and 4 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 a non-ROP inspection of the Emergency Response Organization Drill/Exercise Performance Indicator (TI 2515/175). In addition, TI 2515/173, "Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative", will be performed at your facility prior to August 30, 2010. In the near term, we will contact you to assess your readiness for this inspection and then finalize our schedule accordingly.

Additionally, in our end of cycle assessment letter dated March 3, 2008, we advised you of the continuation of a substantive cross-cutting issue in the problem identification and resolution area involving weaknesses in the thorough evaluation of identified problems (P.1.c) and completeness of subsequent corrective actions. We requested that you conduct an independent assessment of the effectiveness of your implementation of key corrective actions to prevent recurrence and the causes behind the failure to complete required training for key

individuals assigned responsibility to assess and recommend actions to resolve backlogged, longstanding issues at Turkey Point. You have informed us this assessment has been completed.

During this period, our inspectors continued to review your initiatives in this area and noted substantial improvements. Inspections to evaluate the effectiveness of your corrective action program improvement initiatives were completed March and June 2008. The inspection teams concluded that progress has been made in improving all areas addressed by your improvement plan. Overall, corrective actions developed and implemented for issues were effective in correcting the problems. The inspection teams also assessed the licensee's safety conscious work environment and determined that employees felt free to raise concerns without fear of retaliation. No findings of significance were identified during these inspections.

Based on the recent inspection results and the continued improvement in effectiveness of your corrective actions, the NRC considered this longstanding cross-cutting theme is closed.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2009. 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 end-of-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 the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Mr. Marvin Sykes at 404-562-4629 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Leonard D. Wert, Jr., Director  
Division of Reactor Projects

Enclosure: Turkey Point Nuclear Plant Inspection / Activity Plan

Docket Nos.: 50-250, 50-251  
License Nos.: DPR-31, DPR-41

cc w/encl: (See page 3)

During this period, our inspectors continued to review your initiatives in this area and noted substantial improvements. Inspections to evaluate the effectiveness of your corrective action program (CAP) improvement initiatives were completed March and June 2008. The inspection teams concluded that progress has been made in improving all areas addressed by your improvement plan. Overall, corrective actions developed and implemented for issues were effective in correcting the problems. The inspection teams also assessed the licensee's safety conscious work environment (SCWE) and determined that employees felt free to raise concerns without fear of retaliation. No findings of significance were identified during these inspections.

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PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
ADAMS: X Yes      ACCESSION NUMBER: \_\_\_\_\_      X SUNSI REVIEW COMPLETE */SON/*

OFFICE	RII:DRP	RII:DRP	RII:DRP	RII:DRP			
SIGNATURE	SON /RA/	MDS /RA/	via email	LDW /RA/			
NAME	SNinh	MSykes	SStewart	LWert			
DATE	08/28/2008	08/28/2008	08/28/2008	09/02/2008			
E-MAIL COPY?	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO	YES    NO

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Letter to J. Art Stall from Leonard D. Wert, Jr. dated September 2, 2008

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

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