February 21, 2008

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

SUBJECT: TURKEY POINT NUCLEAR PLANT, UNIT 4 - REQUEST FOR ADDITIONAL INFORMATION REGARDING THE 2006 STEAM GENERATOR TUBE INSPECTIONS (TAC NO. MD6875)

Dear Mr. Stall:

By letter dated March 8, 2007 (ML070710304), Florida Power and Light Company (the licensee) submitted information pertaining to the 2006 steam generator tube inspection performed at Turkey Point Unit 4 during the November 2006 refueling outage.

The Nuclear Regulatory Commission staff has reviewed the Turkey Point Unit 4 information and has determined that additional information is required to complete the review.

This request was discussed with members of your staff and as a result of the teleconference on February 13, 2008, and Mr. Paul Infanger agreed that a response would be provided by March 19, 2008.

If you have any questions, please contact me at (301) 415-2020.

Sincerely,

/RA/

Brenda Mozafari, Senior Project Manager,
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-251

Enclosure: Request for Additional Information

Cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION

2006 STEAM GENERATOR TUBE INSPECTIONS

TURKEY POINT NUCLEAR POWER STATION, UNIT 4

DOCKET NUMBER 50-251

1. In Florida Power & Light Company letter dated March 8, 2007, the top table in NIS-BB indicates that six tubes in steam generator A had indications greater than 40-percent through-wall. Presumably these six tubes are the tubes with indications of wear near the top of the tubesheet on the cold-leg side of the steam generator. Please discuss why the six tubes in the top table were not listed as preventively plugged (see related question below).

2. It was noted that a foreign object search and retrieval (FOSAR) and secondary side inspection established that a foreign object was no longer present at the location where six tubes had experienced wear. Please discuss the scope and results of any secondary side inspections including FOSAR.

3. It was indicated that the wear signals in six tubes were in close proximity to the expansion transition and, as such, did not allow sizing using a qualified technique; therefore, all six tubes were "conservatively (preventively)" plugged and none of the indications required in situ pressure testing. If the indications could not be reliably sized due to their proximity to the expansion transition (and presumably the top of the tubesheet), discuss how it was concluded that in situ testing was not required and that the indications' depths were less than the plugging limit (i.e., since the tubes were "conservatively (preventively)" plugged).

4. Please discuss how the six tubes with wear scars near the top of the tubesheet on the cold-leg side of the steam generator were identified (bobbin probe, rotating probe, both probes). If the indications were not detected with the bobbin probe, please discuss the scope (and results) of any rotating probe examinations performed near the top of the tubesheet on the cold leg side of the steam generator (or why such examinations were not performed).

5. The Nuclear Regulatory Commission staff could not locate the 15-day report that was previously required to be submitted by Technical Specification 4.4.5.5.a. Please submit another copy of this report.

Enclosure