



L-2016-061
10 CFR 52.3
10CFR 52 Appendix D

April 14, 2016

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Re: Florida Power & Light Company
Proposed Turkey Point Units 6 and 7
Docket Nos. 52-040 and 52-041
Submittal of AP1000 Combined License Application Semi-Annual Departure Report

Reference:

FPL Letter L-2015-236 to NRC, dated October 14, 2015, Submittal of the Annual Update of the COL Application - Revision 7 and the Semi-Annual Update of the Departures Report

The purpose of this letter is to provide a semi-annual report of the plant-specific departures from the AP1000 Design Control Document as required by 10 CFR 52, Appendix D, paragraphs X.B.1 and X.B.3.b.

No additions, deletions, or changes to the Turkey Point Units 6 & 7 COL Application Part 7, Departures and Exemption Requests, have been identified in the most recent semi-annual reporting period.

In the Reference FPL discussed changes to AP1000 design certification information identified by Westinghouse in connection with AP1000 facilities under construction. These changes and others are currently being evaluated in accordance with ISG-11. FPL intends to submit a similar departure and exemption requests, if applicable, for the Turkey Point Units 6 & 7 COL Application once the NRC has completed its review of the Levy County departures. The departures include:

- Departures related to changes in the AP1000 containment condensate return cooling design that had been submitted by Duke Energy Florida for the Levy County COL application, which is applicable to Turkey Point Units 6 & 7. The anticipated date for the FPL departures submittal is April 29, 2016
- A departure related to changes in the AP1000 design certification information identified by Westinghouse, which affects the calculated main control room operator dose following design basis accident scenarios for all AP1000 units. This change has been submitted by Duke Energy Florida for the Levy County

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COL Application, which is applicable to Turkey Point Units 6 & 7. The anticipated date for the FPL departure submittal is May 16, 2016

- A departure related to changes in the AP1000 design certification information identified by Westinghouse, which affects the calculated main control room heat-up following design basis accident scenarios for all AP1000 units. This change has been submitted by Duke Energy Florida for the Levy County COL Application, which is applicable to Turkey Point Units 6 & 7. The anticipated date for the FPL departure submittal is May 6, 2016
- A departure related to changes to AP1000 design certification information was identified by Westinghouse, which affects hydrogen venting following design basis accident scenarios for all AP1000 units. This change has been submitted by Duke Energy Florida for the Levy County COL Application, which is applicable to Turkey Point Units 6 & 7. The anticipated date for the FPL departure submittal is April 29, 2016
- A departure related to changes in the AP1000 design certification information was identified by Westinghouse which adds a new permissive, P-8, to permit blocking the flux doubling logic during reactor startup. This change has been submitted by Duke Energy Florida for the Levy County COL Application, which is applicable to Turkey Point Units 6 & 7. The anticipated date for the FPL departure submittal is April 29, 2016

FPL expects to submit the same departures as Levy for NRC review as expeditiously as possible, but no later than May 16, 2016.

If you have any questions, or need additional information, please contact me at 561-904-3794.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on April 14, 2016.

Sincerely,



William Maher
Senior Licensing Director – New Nuclear Projects

WMD/RFB

cc:

PTN 6 & 7 Project Manager, AP1000 Projects Branch 1, USNRC DNRL/NRO
Director, Division of New Reactor Licensing, USNRC
Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant 3 & 4