



L-2015-117  
10 CFR 52.3  
10CFR 52 Appendix D

April 29, 2015

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

References:

1. FPL Letter L-2014-151 to NRC, dated June 16, 2014, Submittal of AP1000 Combined License Application Semi-Annual Departure Report
2. FPL Letter L-2014-316 to NRC dated October 29, 2014, Submittal of the Annual Update of the COL Application - Revision 6 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 Reference 2 FPL indicated it was aware of potential changes to AP1000 design certification information identified by Westinghouse in connection with AP1000 facilities under construction. These changes were evaluated in accordance with ISG-11 and include:

- In Reference 1, FPL discussed a departure 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. As stated in Reference 1, FPL intends to submit the same departure and exemption request for the Turkey Point Units 6 & 7 COL Application.

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- In Reference 2, FPL discussed the potential need for a change to AP1000 design certification information that was identified by Westinghouse, which affects the calculated main control room operator dose following design basis accident scenarios for all AP1000 units. This issue has been discussed with NRC Staff. FPL intends to model any necessary COLA changes on the Levy County submittal.

Additionally, FPL became aware of two additional potential changes to the AP1000 design certification information. These changes are also being evaluated in accordance with ISG-11 and include:

- The potential need for a change to AP1000 design certification information was identified by Westinghouse, which affects the calculated main control room heat-up following design basis accident scenarios for all AP1000 units. FPL intends to model any necessary COLA changes on the Levy County submittal.
- The potential need for a change to AP1000 design certification information was identified by Westinghouse, which affects hydrogen venting following design basis accident scenarios for all AP1000 units. FPL intends to model any necessary COLA changes on the Levy County submittal.

FPL will inform NRC if a change to the COLA is determined to be necessary, and will provide additional COLA updates, if required, prior to NRC issuance of the Final Safety Evaluation Report.

If you have any questions, or need additional information, please contact me at 561-691-7490.

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

Executed on April 29, 2015.

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