



L-2020-065
10 CFR 52.97(c)
10CFR 52 Appendix D, X.B
10CFR 50.59
10CFR 52.3
10 CFR 50.46(a)(3)

April 9, 2020

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

Re: Florida Power & Light Company
Turkey Point Units 6 and 7
Docket Nos. 52-040 and 52-041
Submission of Periodic Reports

Reference:

1. FPL Letter L-2019-074 to NRC Dated April 9, 2019, License conditions 2.D.(11) Schedules – Initial Submittal
2. Westinghouse Electric Company Letter DCP_NRC_003340 to the NRC dated March 23, 2020 – 10 CFR 50.46 Annual Report for the AP1000® Plant Design (ADAMS Accession No. ML20085H080)

The purpose of this letter is to submit periodic reports for Turkey Point Units 6 & 7 (PTN 6 & 7) as required by NRC regulations and/or license conditions as a Part 52 combined license (COL) holder. The following reports are addressed by this letter and, for this first combined submittal only, may cover shorter time periods in order to synchronize their future submittal:

- Semi-Annual Changes, Tests, and Experiments Report
- Semi-Annual Departures Report
- Semi-Annual Update of the Operational Programs Implementation Schedule
- Annual 10 CFR 50.46 Report

Semi-Annual Departures Report and Semi-Annual Changes, Tests, and Experiments Report. For PTN 6 & 7, in accordance with the requirements of 10 CFR 50.59(d)(2) and 10 CFR 52, Appendix D, paragraphs X.B.1 and X.8.3.b, during the period of February 1 through March 31, 2020:

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

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- no changes, tests or experiments were implemented pursuant to 10 CFR 50.59(c), and
- no plant-specific departures were implemented under 10 CFR 52, Appendix D, Section VIII.

Semi-Annual Update of the Operational Programs Implementation Schedule.

Pursuant to the PTN 6 & 7 COLs Section 2.D.(11), the schedule for implementation of operational programs is to be updated every six months. Because there are no changes to FPL's construction decision, the schedule submitted in Reference 1 remains current.

Annual 10 CFR 50.46 Report. The PTN 6 & 7 COLs incorporate by reference AP1000 Design Certification Document (DCD) Revision 19, and thus also the peak fuel cladding temperature calculations performed by Westinghouse Electric Corporation (WEC). Accordingly, the WEC 2019 Model Year 10 CFR 50.46 annual report for the AP1000 Design Certification analysis of record (AOR) applies to PTN 6 & 7 (Reference 2).

As described in the Reference 2 letter, there are no new emergency core cooling system model changes that impact peak cladding temperature (PCT) for the 2019 model year. The estimated PCT for the large break loss of coolant accident remains at 2010°F and does not exceed the 10 CFR 50.46(b)(1) acceptance criterion of 2200°F. The summary of the AP1000 Design Certification AOR PCT margin allocations and their bases are provided in Attachment 1 of the Reference 2 letter.

If you have any questions, or need additional information, please contact me at 561-691-2294.

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

Executed on April 9, 2020.

Sincerely,



William Maher
Senior Licensing Director
Florida Power & Light Company

cc:

USNRC Regional Administrator, Region II
USNRC PTN 6 & 7 Project Manager, NRR/DNRL
USNRC Senior Resident Inspector, Turkey Point Nuclear Plant