



April 13, 2022

L-2022-053

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

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
11545 Rockville Pike
One White Flint North
Rockville, MD 20852-2746

Turkey Point Units 6 and 7
Docket Nos. 52-040 and 52-041
Combined License Nos. NPF-104 and NPF-105

SUBMISSION OF PERIODIC REPORTS

References:

1. FPL Letter L-2021-194 dated October 13, 2021, Submission of Periodic Reports
2. FPL Letter L-2021-074 dated April 14, 2021, Submission of Periodic Reports (ADAMS Accession No. ML21118A029)
3. FPL Letter L-2019-074 dated April 9, 2019, License Conditions 2.D.(11) Schedules – Initial Submittal
4. Westinghouse Electric Company Letter DCP_NRC_003346 dated March 18, 2022 – 10 CFR 50.46 Annual Report for the AP1000® Plant Design (ADAMS Accession No. ML22083A145)

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, updated from the previous reporting period (References 1 and 2):

- Semi-Annual Departures Report
- Semi-Annual Changes, Tests, and Experiments 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.B.3.b, during the period October 1, 2021 through March 31, 2022:

- No changes, tests or experiments were implemented pursuant to 10 CFR 50.59(c).
- 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 provided in Reference 3 is reaffirmed.

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 2021 Model Year 10 CFR 50.46 annual report for the AP1000® Design Certification Analysis of Record (AOR) applies to PTN 6 & 7 (Reference 4).

As described in the Reference 4 letter, there are no new emergency core cooling system model changes that impact peak cladding temperature (PCT) for the 2021 model year. The estimated PCT for the limiting transient, the Best Estimate 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 is provided in Attachment 1 of the Reference 4 letter.

If you have any questions, or need additional information, please contact me at 561-803-7900.

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

Executed on 13th day of April 2022.

Sincerely,



Dean Curtland
Vice President Nuclear
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