



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 17, 2024

Robert Coffey
Executive Vice President, Nuclear
and Chief Nuclear Officer
Florida Power & Light Company
700 Universe Blvd.
Mail Stop: EX/JB
Juno Beach, FL 33408

SUBJECT: TURKEY POINT NUCLEAR GENERATING UNIT NOS. 3 AND 4—
COMPLETION OF SUBSEQUENT LICENSE RENEWAL SITE-SPECIFIC
ENVIRONMENTAL REVIEW AND MODIFICATION OF SUBSEQUENT
RENEWED FACILITY OPERATING LICENSE NOS. DPR-31 AND DPR-41 IN
ACCORDANCE WITH COMMISSION MEMORANDUM AND ORDER CLI-22-02
(EPID L-2022-SLE-0002)

Dear Robert Coffey:

By letter dated December 4, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19305C879), the U.S. Nuclear Regulatory Commission (NRC, the Commission) issued Subsequent Renewed Facility Operating License Nos. DPR-31 and DPR-41 to Florida Power & Light Company (FPL) for Turkey Point Nuclear Generating Unit Nos. 3 and 4 (Turkey Point, Turkey Point Units 3 and 4), respectively. Subsequent Renewed Facility Operating License Nos. DPR-31 and DPR-41 were set to expire on July 19, 2052, and April 10, 2053, respectively. The results of the NRC's environmental review related to the issuance of those licenses were summarized in a Record of Decision (ML19309F859) and were detailed in the "Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 5, Second Renewal, Regarding Subsequent License Renewal for Turkey Point Nuclear Generating Unit Nos. 3 and 4 (NUREG-1437), Final Report," dated October 2019 (ML19290H346) (2019 FSEIS).

On February 24, 2022, the Commission issued CLI-22-02 (ML22055A496) and CLI-22-03 (ML22055A527). In CLI-22-02, the Commission concluded that NUREG-1437, Revision 1, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Final Report" (LR GEIS), on which the NRC staff had relied, in part, to meet its obligations under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," and the National Environmental Policy Act of 1969, as amended (NEPA), for its environmental review of the subsequent license renewal (SLR) application for Turkey Point, did not consider SLR. Therefore, the Commission determined that the staff's environmental review of the Turkey Point SLR application was inadequate. Accordingly, the Commission directed the staff to leave the Turkey Point subsequent renewed facility operating licenses in place but to modify their expiration dates to reflect the expiration dates of the initial renewed facility operating licenses (i.e., July 19, 2032, for Turkey Point Unit 3 and April 10, 2033, for Turkey Point Unit 4), which the staff did by letter

dated March 25, 2022 (ML22073A122). The Commission affirmed this direction in CLI-22-06 (ML22154A215).

In CLI-22-03, the Commission explained that affected SLR applicants could submit a revised environmental report (ER) providing additional information about environmental impacts during the SLR period, in which they evaluate, on a site-specific basis, the environmental impacts that were dispositioned in Table B-1 in Appendix B to Subpart A of 10 CFR Part 51 and the LR GEIS as Category 1 issues (i.e., issues generic to all or a distinct subset of nuclear power plants). For SLR applicants that chose to provide such information, the NRC staff was directed to address the environmental impacts of these issues in site-specific environmental impact statements.

Consistent with CLI-22-03, by letter dated June 9, 2022 (ML22160A301), FPL submitted ER, Supplement 2, which provided a site-specific analysis of the environmental impacts of the continued operation of Turkey Point during the SLR period. That analysis supplemented the ER and ER Supplement 1 that were included as part of FPL's SLR application and addressed, on a site-specific basis, each environmental issue that was previously dispositioned as a Category 1 issue in the ER and ER Supplement 1. The NRC staff completed its review of ER Supplement 2 and documented its findings in the "Site-Specific Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 5a, Second Renewal, Regarding Subsequent License Renewal for Turkey Point Nuclear Generating Unit Nos. 3 and 4 (NUREG-1437), Final Report," dated March 2024 (ML24087A061) (site-specific EIS). As discussed in Chapter 3 of the site-specific EIS, that EIS, together with the 2019 FSEIS, contains the staff's environmental review of the SLR application for Turkey Point. The site-specific EIS supplemented the 2019 FSEIS evaluation of the environmental issues that were dispositioned as Category 1 issues in the 2019 FSEIS. Through the consideration of any significant new information, the site-specific EIS also updated the 2019 FSEIS evaluation of the environmental issues that were dispositioned as Category 2 issues (i.e., issues specific to individual nuclear power plants) in the 2019 FSEIS. Together, the site-specific EIS and the 2019 FSEIS evaluated, on a site-specific basis, all of the environmental impacts of continued operation during the SLR term of Turkey Point Unit 3 from July 19, 2032, to July 19, 2052, and Turkey Point Unit 4 from April 10, 2033, to April 10, 2053.

The NRC staff's recommendation resulting from its comprehensive environmental review documented in the 2019 FSEIS, as supplemented by the site-specific EIS, is that the adverse environmental impacts of SLR for Turkey Point for an additional 20 years beyond the expiration dates of the initial renewed facility operating licenses are not so great that preserving the option of SLR for energy-planning decision-makers would be unreasonable. This recommendation is based on: (1) FPL's environmental report, as supplemented; (2) the NRC staff's consultations with Federal, State, Tribal, and local government agencies; (3) the NRC staff's independent environmental review, which is documented in the site-specific EIS and the 2019 FSEIS; and (4) the NRC staff's consideration of public comments. As stated in CLI-22-06, the Commission's ruling in CLI-22-02 did not disturb the safety review and neither did the site-specific EIS.

As directed by CLI-22-02, CLI-22-03, and CLI-22-06, the NRC staff has completed the environmental review of the SLR application for Turkey Point through the supplementation of the 2019 FSEIS with the site-specific EIS. Accordingly, the staff has modified Subsequent Renewed Facility Operating License Nos. DPR-31 and DPR-41 to reinstate the expiration dates appropriate to the SLR term, which are July 19, 2052, and April 10, 2053, respectively. The modified pages of the licenses are provided as Enclosures 1 and 2 to this letter. Enclosure 3

contains the Record of Decision related to the SLR application, as supplemented, for Turkey Point.

Please contact Jessica Hammock, Project Manager, at Jessica.Hammock@nrc.gov for questions involving the safety review of the Turkey Point SLR application, or Lance Rakovan, Senior Environmental Project Manager, at Lance.Rakovan@nrc.gov for questions involving the environmental review. For all other licensing matters, please contact Michael Mahoney, Licensing Project Manager, at Michael.Mahoney@nrc.gov.

Sincerely,

/RA/

Andrea D. Veil, Director
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Enclosures:

1. Page 8 of Turkey Point Unit 3 Subsequent Renewed Facility Operating License No. DPR-31
2. Page 8 of Turkey Point Unit 4 Subsequent Renewed Facility Operating License No. DPR-41
3. Record of Decision for Turkey Point Units 3 and 4 Subsequent License Renewal Application, as Supplemented

cc: Listserv

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 (EPID L-2022-SLE-0002)
 DATED: SEPTEMBER 17, 2024.

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ADAMS Accession Nos.:

ML24158A002 (Pkg)
ML24158A005 (Letter)
ML24158A006 (Renewed License – Unit 3)
ML24158A007 (Renewed License – Unit 4)
ML24158A370 (Record of Decision)

***via e-concurrence NRR-106**

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DATE	07/31/2024	08/08/2024	08/30/2024	09/03/2024
OFFICE	D/DNRL	D/NRR		
NAME	MSampson*	AVeil*		
DATE	09/04/2024	09/17/2024		

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Enclosure 1

**Page 8 of Turkey Point Nuclear Generating Unit No. 3
Subsequent Renewed Facility Operating License
No. DPR-31**

ADAMS Accession No. ML24158A006

Enclosure 2

**Page 8 of Turkey Point Nuclear Generating Unit No. 4
Subsequent Renewed Facility Operating License
No. DPR-41**

ADAMS Accession No. ML24158A007

Enclosure 3

**Turkey Point Nuclear Generating Unit Nos. 3 and 4
Subsequent License Renewal Application, as
Supplemented
Record of Decision**

ADAMS Accession No. ML24158A370