



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

September 28, 2022

William D. Maher
Licensing Director - Nuclear Licensing Projects
Florida Power & Light Company
15430 Endeavor Drive
Jupiter, FL 33478

SUBJECT: TURKEY POINT NUCLEAR GENERATING STATION, UNITS 3 AND 4
SUBSEQUENT LICENSE RENEWAL APPLICATION SUPPLEMENT
ENVIRONMENTAL REVIEW – DETERMINATION OF ACCEPTABILITY AND
SUFFICIENCY FOR DOCKETING, PROPOSED REVIEW SCHEDULE, AND
NOTICE OF INTENT TO CONDUCT A LIMITED SCOPING PROCESS AND
PREPARE AN ENVIRONMENTAL IMPACT STATEMENT (000951/05000250/L-
2022-SLE-0000 AND 000951/05000251/L-2022-SLE-0000)

Dear William Maher:

By letter dated June 9, 2022 (Agencywide Documents Access and Management System (ADAMS) ML22160A301), Florida Power & Light Company (FPL) submitted an Environmental Report, Supplement 2 (the ER supplement), related to its 2018 application (ML18037A812) for subsequent license renewal of Renewed Facility Operating License Nos. DPR-31 and DPR-41 for the Turkey Point Nuclear Generating Station, Unit Nos. 3 and 4 (Turkey Point), to the U.S. Nuclear Regulatory Commission (NRC) pursuant to section 103 of the Atomic Energy Act of 1954, as amended. A *Federal Register* Notice (FRN) (87 FR 44430) dated July 26, 2022, the NRC noted the receipt and availability of the ER supplement.

The NRC staff has conducted an acceptance review, to identify whether the application is reasonably complete and conforms to the timing and information requirements in applicable regulations. The NRC staff reviewed your submittal following the guidance in NUREG-2192, Revision 0, "Standard Review Plan for Review of Subsequent License Renewal Applications for Nuclear Power Plants," and NUREG-1555, Supplement 1, Revision 1, "Standard Review Plans for Environmental Reviews for Nuclear Power Plants," to determine if the submittal is sufficient and acceptable for docketing in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) sections 2.101, "Filing of application," 51.45, "Environmental report," 51.53(c), "Postconstruction environmental reports," 54.19, "Contents of application--general information," 54.21, "Contents of application--technical information", 54.22, "Contents of application--technical specifications," and 54.23, "Contents of application--environmental information." The NRC staff also considered the effect of the Commission's Orders in CLI-22-02 and CLI-22-03, on the scope of matters to be addressed in an applicant's site-specific environmental report for subsequent license renewal (SLR)

Per our discussion on August 17, 2022, the NRC staff noted a June 14, 2022, [news release](#) that announces NextEra's plans to decarbonize its fleet by 2045. The staff will review the ER supplement as well as other available sources of information noted during our discussion of this

issue as part of the staff's evaluation of the ER supplement and may issue requests for additional or confirmation of information at the appropriate time in the review process if further information is needed.

The NRC staff has concluded that the ER supplement is acceptable for the staff's detailed review. Given the lesser scope and depth of the acceptance review as compared to a detailed technical review, the staff's determination does not preclude requests for additional information or topic-specific audits. During the staff's detailed technical review, there may be instances identified in which issues that impact the NRC staff's ability to complete the detailed technical review are identified. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

This letter also forwards the staff's projected review schedule for the ER supplement (Enclosure 1). The NRC staff will follow established review procedures and the enclosed schedule to complete the reviews required by 10 CFR part 51, "Environmental Protection Regulations for Renewal of Operating Licenses for Nuclear Power Functions," and part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." Based on the information provided in your submittal and discussions during the pre-application meetings, the NRC staff has estimated that review of this subsequent license renewal ER supplement will take approximately 4,500 hours to complete. If there are emergent complexities or challenges in our review that would cause changes to the initial forecasted completion date or significant changes in the forecasted hours, the reasons for the changes, along with the new estimates will be communicated via separate correspondence. Milestones for hearing activities that may be needed are not included in the enclosed schedule or the estimated hours because these dates, if applicable, would be established by the Commission or the Atomic Safety and Licensing Board and new resource considerations would need to be developed.

The NRC staff's review plan also relies on your responses to the staff's requests for additional information, if needed, being of high quality and provided in a timely manner. A timely response is defined as 30 days from the date of the request, or within such other time as may be specified in the request in accordance with 10 CFR 2.108, "Denial of application for failure to supply information." You should also be prepared to provide high quality support in a timely and organized manner during technical audits determined necessary by the staff. Delays in staff's receipt of necessary information could result in changes to the review plan in evaluating and processing your ER supplement, up to and including the denial of your SLR application in accordance with the regulations or a significant delay in the schedule based on the overall workload for the staff involved in the review. We request that you inform the NRC staff in writing as early as possible should potential delays arise in your support of the schedule. The staff's goal is to complete the review in 14 months post-acceptance provided that FPL addresses the staff's information needs in a timely manner. This 14-month schedule, which was discussed at the NRC's public meeting on August 17, 2022, is an estimate for how long it will take staff to complete this work. The NRC will continue to evaluate opportunities to streamline this schedule wherever possible and appropriate.

The NRC staff has prepared a Notice of Intent (NOI) advising the public that the NRC intends to conduct a limited scoping process to gather the information necessary to prepare a supplement to Generic Environmental Impact Statement for License Renewal of Nuclear Plants: Regarding SLR for Turkey Point Nuclear Generating Unit Nos. 3 and 4 – Final Report (NUREG-1437, Supplement 5, Second Renewal). Enclosure 2 is a copy of the NOI that will be forwarded to the Office of the Federal Register for publication. Pursuant to 10 CFR 51.28, FPL is invited to participate in the limited environmental scoping process.

If you have any questions on this matter, please contact Lance Rakovan, Project Manager, for the environmental review at Lance.Rakovan@nrc.gov.

Sincerely,



Signed by Smith, Theodore
on 09/28/22

Theodore B. Smith, Chief
Environmental Review License Renewal Branch
Division of Rulemaking, Environmental,
and Financial Support
Office of Nuclear Material Safety
and Safeguards

Docket Nos: 50-250 and 251

Enclosures:

1. Review Schedule
2. Copy of *Federal Register* Notice

cc w/encls: Listserv

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DATED: SEPTEMBER 28, 2022

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ADAMS Accession Nos: ADAMS Accession Nos: ML22268A001 (Package); ML22268A002 (Federal Register Notice); ML22268A003 (Letter)

OFFICE	NMSS:REFS:PM	NMSS:REFS:LA	NMSS:REFS:BC
NAME	LRakovan	AWalker-Smith	TSmith
DATE	09/28/2022	09/28/2022	09/28/2022
OFFICE	OGC (NLO)	NMSS:REFS:DD	
NAME	STurk	JMoses	
DATE	09/22/2022	09/28/2022	

TURKEY POINT NUCLEAR GENERATING STATION, UNITS 3 & 4 SUBSEQUENT LICENSE RENEWAL APPLICATION SUPPLEMENT ENVIRONMENTAL REVIEW SCHEDULE

Milestone	Scheduled	Actual
Site-specific environmental license renewal application supplement received by NRC		6/9/2022
NRC publishes availability of supplement <i>Federal Register</i> notice (FRN)		7/26/2022
NRC publishes notice of intent to prepare a supplemental environmental impact statement (SEIS) supplement and start of 30-day limited scoping period FRN	10/2022	
Limited scoping period ends	11/2022	
Conduct environmental audit	12/2022	
NRC issues environmental requests for additional information (RAI) and requests for confirmation of information (RCI), as needed	1/2023	
NRC receives RAI/RCI responses	2/2023	
NRC publishes draft SEIS supplement and FRNs to start 45-day comment period and 60-day period to request a hearing	6/2023	
Draft SEIS supplement comment period ends	8/2023	
Period to request a hearing end	9/2023	
Publish final SEIS supplement and FRN	10/2023	
Environmental Protection Agency (EPA) Issues FRN – final SEIS supplement notice of availability and beginning of 30-day cooling off period	10/2023	
NRC issues FRN - renewed license/record of decision (assuming no comments during EPA cooling off period or per Commission direction, as appropriate)	12/2023	

Copy of the Draft *Federal Register* Notice of the Turkey Point Nuclear Generating Station, Unit Nos. 3 and 4 – Subsequent license renewal application supplement; intent to conduct scoping process and prepare environmental impact statement; public scoping meeting and request for comment

ML22268A002