



L-2019-020
10 CFR 54.17

January 23, 2019

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

Re: Florida Power & Light Company
Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Turkey Point Units 3 and 4 Subsequent License Renewal Application
Environmental Report Environmental Authorizations Updated Information

References:

1. FPL Letter L-2018-082 to NRC dated April 10, 2018, Turkey Point Units 3 and 4 Subsequent License Renewal Application – Revision 1 (ADAMS Accession No. ML18113A134)
2. FPL Letter L-2018-086 to NRC dated April 10, 2018, Turkey Point Units 3 and 4 Subsequent License Renewal Application – Appendix E Environmental Report Supplemental Information (ADAMS Accession Nos. ML18102A521 and ML1811A132)

On April 10, 2018, Florida Power & Light Company (FPL) submitted to the NRC the Revision 1 of the subsequent license renewal application (SLRA) for Turkey Point Units 3 and 4 (Reference 1), as well as supplemental information for the SLRA Environmental Report (ER) (Reference 2).

The purpose of this letter is to provide, as an attachment to this letter, ER environmental authorizations updated information to support the Staff's review of FPL's SLRA for Turkey Point Units 3 and 4.

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

IE25
NRR

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

Executed on January 23, 2019.

Sincerely,



William Maher
Senior Licensing Director
Florida Power & Light Company

WDM/RFO

Attachment: ER Environmental Authorizations Updated Information

cc:

Senior Resident Inspector, USNRC, Turkey Point Plant
Regional Administrator, USNRC, Region II
Project Manager, USNRC, Turkey Point Plant
Plant Project Manager, USNRC, SLRA
Plant Project Manager, USNRC, SLRA Environmental
Ms. Cindy Becker, Florida Department of Health

The SLRA ER is amended as indicated by the following text deletion (strikethrough) and text addition (red underlined font) revisions:

Revise SLRA ER Section 9.5.20 as follows:

Coordination with the Federal Aviation Administration (FAA) is required when it becomes necessary to ensure that the highest **alteration or construction of** structures associated with the project do not impair the safety of aviation. Submission of a letter of notification (with accompanying maps and project description) to the FAA would result in a written response from the FAA certifying that no hazard exists or recommending project changes and/or the installation of warning devices such as lighting. PTN was originally authorized under FAA permit numbers 2009-ASO-4093-OE and 2009-ASO-4094-OE. The Turkey Point property is currently authorized under FAA permit numbers 2015-ASO-11359-OE (Unit 6) and 2015-ASO-11360-OE (Unit 7) ([Table 9.1-1](#)). No license renewal-related construction activities have been identified; therefore, no new notifications to the FAA are required.

Revise SLRA ER Table 9.1-1 as follows:

Table 9.1-1
Environmental Authorizations for Current PTN Operations

Agency	Authority	Requirement	Number	Expiration Date	Authorized Activity
GILLRWG SECC	Omnibus Low-Level Radioactive Waste Interstate Compact Consent Act (1980; amended in 1985)	Authorization to export waste	None	Updated annually	Export of LLRW outside the region.
EPA & FDEP	Clean Water Act Section 401 [33 USC 1341]	Certification of state water quality standards	PA 03-45E	Final conditions of certification issued 3/29/2016	Discharges during license renewal term.
FAA	14 CFR Part 77 — Safe, Efficient Use, and Preservation of Navigable Airspace	FAA obstruction permit for Units 3 and 4	2009-ASO-4096-OE and 2009-ASO-4094-OE	N/A; pre-construction coordination	FAA obstruction permit for Units 3 and 4.
NRC	10 CFR 72	General license for storage of spent fuel at power reactor sites	General permit	N/A	Storage of power reactor spent fuel and other associated radioactive materials in an ISFSI.
NRC	Atomic Energy Act 10 CFR 50	Licensing of nuclear power plant	DPR-31	7/19/2032	Operation of Unit 3.
NRC	Atomic Energy Act 10 CFR 50	Licensing of nuclear power plant	DPR-41	4/10/2033	Operation of Unit 4.
US District Court	Clean Water Act	Consent decree	70-328-CA	N/A	IWW Construction, Operation, and Maintenance.
USDOT	49 CFR 107 Subpart G	Registration	060911 551 091T	None	Hazardous materials shipments.
USACE & FDEP	Clean Water Act of 1976; Florida Statutes Chapter 373	Section 401/404 permit; Submerged lands permit	Pending SAJ-2016-02462; 13-0127512-013	Permit pending 5/7/2023 (USACE); 9/20/2021 (FDEP)	Discharge of dredge and fill materials into waters of the U.S. (Turtle Point and Barge Terminal) and use of state-owned submerged lands.

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Agency	Authority	Requirement	Number	Expiration Date	Authorized Activity
USACE & FDEP	Clean Water Act Section 401 [33 USC 1341] Florida Statutes Section 403.0885	Certification of State Water Quality Standards NPDES permit (IWW)	FL0001562 (Section I.E. 15)	Under agency review May 2010 (administratively continued thereafter); draft permit issued 12/27/2018	Discharges during license renewal term Operation of IWW (cooling canals)
USACE & FDEP	Resource Conservation and Recovery Act (RCRA) 42 USC 6901	Hazardous waste generator number	FLR000192922	N/A	Small Quantity Hazardous Waste Generator
USFWS	16 USC 1539(a)(1)(A) 50 CFR Parts 13, 17	Endangered species permit to take American crocodile during monitoring	TE092945-2	4/20/2018 (renewal in progress)	Provides authorization to take (capture, examine, weigh, sex, collect tissue samples, mark, radio-tag, radio-track, relocate, release) endangered threatened American crocodile individuals during population monitoring.
USFWS	16 USC 703-712	Migratory bird special purpose utility permit	MB697722-0	3/31/20 21 48	Authorizes utilities to collect, transport and temporarily possess migratory birds found dead or injured on utility property, structures, and ROWs for avian mortality monitoring or disposal purposes.
USFWS	Biological Opinion	Effects of operation on the on the endangered threatened American crocodile	41420-2006-FA-0478; 41420-2006-F-0125	N/A Perpetual	Plan to minimize the potential adverse effects of ongoing operations of PTN to the American crocodile.
State of Florida Authorizations					
FDEP Siting Board	FS Florida Statutes Sections 403.501-.518	Power plant site certification	PA 03-45E	Final conditions of certification	Construction and operation of a power plant with more than 75 MW of

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Agency	Authority	Requirement	Number	Expiration Date	Authorized Activity
				issued 3/29/2016	steam-generated power and associated facilities. Certification of Turkey Point site, initiated by PTN uprate. Provides for CZMA certification confirmation and CWA 401 certification.
SFWMD	Fifth Supplemental Agreement	Power plant site certification	N/A	N/A	Implementation of new monitoring plan that includes groundwater, surface water, and ecological monitoring in and around the Turkey Point CCS.
FDEP	403.087, F.S. and FAC 62-4, 62-520, 62-522, 62-528, 62-550, 62-600, and 62-601, F.A.C.	Operation of Class V, Group 3 domestic wastewater injection (gravity flow) well	0127512-006-UO 0355186-001-UO/5W	Issued 8/14/2012 01/25/2023	Operation of IW-1.
FDEP	Florida Statutes Chapter 403, FAC 62-213, F.A.C.	Title V operations permit	025003-02 81 -AV	12/31/2018 Final conditions of certification issued 3/29/2016 04/26/2023	Operation of facilities that generate air emissions.
FDEP	FAC Chapters 62-600, 62-601, 62-602, 62-620, 62-640 and 62-699, F.A.C. F.A.C. and Florida Statutes Chapter 403	Operation of domestic wastewater treatment facility	FLA013612-00 53 -DW3P	Under agency review 09/27/2020	Operation of PTN wastewater treatment facility.
FDEP	Rule 62-620.610(11) FAC; Rule 62-620.340 FAC; Rule 62-620.610(14) FAC	Domestic wastewater	FLA013612-002-DW3P	Under agency review	Discharges during license renewal term.
FDEP	Florida Statutes Chapter 376	Annual storage tank registration	Facility ID: 8622249	Annual renewal	Operation of above-ground storage tanks.

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Agency	Authority	Requirement	Number	Expiration Date	Authorized Activity
			Placard No.: 110600		
SFWMD	Florida Statutes Chapter 373	Operation of Recovery Well System consumptive use permit	13-06251-W	2/27/2029	Use of Recovery Well System to extract hypersaline plume
FDEP	Florida Statutes Chapters 373 and 403	Underground injection control permit, injection well and monitoring well	29392-004-UO/1I	7/12/2023	Disposal of extracted hypersaline water
FDEP	Florida Statutes Chapter 373	Operation of freshening wells	PA 03-45E	Final conditions of certification issued 3/29/2016	Withdrawal of groundwater for freshening of the IWW
FDEP	Florida Statutes Chapter 376Z	Annual storage tank registration	Facility ID: 8622251 Placard No.: 110599	Annual renewal	Operation of above-ground storage tanks.
FDEP	Rule 62-620.610(11) FAC; Rule 62-620.340 FAC; Rule 62-620.610(14) FAC	Domestic wastewater annual operating permit	0127512-002-UO	Final conditions of certification issued 3/29/2016	Operation of a domestic wastewater injection well.
FFWCC	FAC-68A-9.002, and 68A-27.004, F.A.C.	Migratory bird nest removal	LSNR-11-00026 DC	Annual renewal 12/31/2020	Authorization to remove and replace inactive nests of migratory birds.
FFWCC	FAC-68A-9.002, and 68A-27.005, F.A.C.	Scientific collection permit	LS SC NR-11-00021B	4/20/18 12/31/2019	Scientific collection for avian species.
FFWCC	68A-9.002 and 68A-27.003, F.A.C.	Special purpose permit	SPGS-14-35	4/10/2019	Capture, hold, and relocate American alligators
Florida Forest Service FL Dept. of	Turkey Point Monitoring Plan (effective 10/12/2009) Florida Statutes Chapter	Burn permit	1373489 1373498	No expiration	Authorization for open fires.

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Agency	Authority	Requirement	Number	Expiration Date	Authorized Activity
Agricultural and Consumer Service	590				
Other States' Authorizations					
Utah Department of Environmental Quality Division of Radiation Control	R313-26 of the Utah Radiation Control Rules	Revision of existing general site access permit		Annual authorization	Transport of radioactive materials into the State of Utah.
Tennessee Department of Environment and Conservation Division of Radiological Health	TDEC Rule 1200-2-10.32	Revision of existing Tennessee radioactive waste license for delivery		Annual authorization	Transport of radioactive waste into the State of Tennessee.
Local Authorizations					
MDC DERM	Section 24-18(A)17 Chapter 24 , Code of Miami-Dade County	Stratospheric ozone protection annual operations permit	APCF-001747- 2018/2019 2017/2018	June 30, 2019 Annual renewal	Use of refrigerants R- 134A 2, R-22, R-407C, R-410A, and R-502 for Robinair Recovery Units, Models 25200, 25200A, 25200B, and 34700Z.
MDC DERM	40-CFR 403; Section 24-42.4 Chapter 24 , Code of Miami-Dade County	Domestic wastewater annual operating permit	DWO-000010- 201 8 7/201 9 8	April 14, 201 9 8 Annual renewal	Stabilization treatment facility.
MDC DERM	41-CFR 403; Section 24-	Industrial waste annual	IW-000003-	May 31, 2019	Oil and water separators and

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Agency	Authority	Requirement	Number	Expiration Date	Authorized Activity
	42.4 Chapter 24 , Code of Miami-Dade County	operations permit	2018/2019 2017/ 2018	Annual renewal	hazardous waste storage and used oil containment areas. Onsite disposal of Class III industrial solid waste consisting of earth and earth-like products, concrete, rock, bricks, and land clearing debris.
MDC DERM	42 CFR 403; Section 24-42.4 Chapter 24 , Code of Miami-Dade County	IW permit (or waiver)	IW-000016- 2018/2019 2017/2018	May 31, 2019 Annual renewal	Water treatment units, oil drum and compressed gases storage, and vehicle fueling station. Hazardous materials or hazardous waste, large user or generator.
MDC DERM	43 CFR 403; Section 24-42.4 Chapter 24 , Code of Miami-Dade County	Operation of pollution control facility permit	IW5-006229- 2018/2019 2017/2018	Annual renewal April 30, 2019	Operation of fleet vehicle maintenance facility that generates waste oil, coolant, and used batteries with a solvent wash tank and served by septic tank.
MDC DERM	Chapter 24, Code of Miami- Dade County	Research permit on MDC DERM environmentally endangered lands	2011	Under agency review 6/17/2017	Authorization to conduct ecological monitoring on county-owned environmentally endangered lands.

CFR: Code of Federal Regulations

~~CILLRWC: Central Interstate Low Level Radioactive Waste Commission~~ DOE: U.S. Department of Energy

~~FAA: Federal Aviation Administration~~ FAC: Florida Administrative Code

FDEP: Florida Department of Environmental Protection

FFWCC: Florida Fish and Wildlife Conservation Commission

FWS

MDC DERM: Miami-Dade County Department of Environmental Resources Management

~~NPS: National Park Service~~

NRC: U.S. Nuclear Regulatory Commission

SECC: Southeast Compact Commission for Low Level Radioactive Waste Management

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SFWMD: South Florida Water Management District

USACE: U.S. Army Corps of Engineers

USDOT: U.S. Department of Transportation

USFWS: U.S. Fish and Wildlife Service