



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

August 22, 2024

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

SUBJECT: UPDATED INSPECTION PLAN FOR ST LUCIE UNITS 1 & 2 - REPORT
05000335/2024005 AND 05000389/2024005

Dear Bob Coffey:

The enclosed inspection plan lists the inspections scheduled through June 30, 2026, for St Lucie Units 1 & 2. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 404-997-4630 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in cursive that reads "Natasha Childs".

Childs, Natasha signing on behalf
of Taylor, Ryan
on 08/22/24

Ryan Taylor, Chief
Reactor Projects Branch 3
Division of Reactor Projects

Docket Nos. 05000335, 05000389, and 07200061
License No. DPR-67 and NPF-16

Enclosure:
St Lucie Inspection/Activity Plan

cc w/ encl: Distribution via LISTSERV

SUBJECT: UPDATED INSPECTION PLAN FOR ST LUCIE UNITS 1 & 2 (REPORT 05000335/2024005 AND 05000389/2024005) DATED AUGUST 22, 2024

DISTRIBUTION:

R2EICS

RIDSNRRPMSTLUCIE Resource

RIDSNRRDRO Resource

ROPASSESSMENT Resource

ADAMS ACCESSION NUMBER: ML24235A152

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RII: DRP	RII: DRP			
NAME	J. Quinones	R. Taylor/N. Childs			
DATE	8/22/24	8/22/24			

OFFICIAL RECORD COPY

07200061 - Saint Lucie (ISFSI)

09/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
PREOPERATIONAL TESTING OF AN ISFSI						2
	12/9/2024	12/13/2024	IP 60854	001000	Preoperational Testing Of An ISFSI	
	2/10/2025	2/14/2025	IP 60856	001003	Review of 10 CFR 72.212(b) Evaluations	
	2/24/2025	2/28/2025	IP 60854	001000	Preoperational Testing Of An ISFSI	
	3/17/2025	3/21/2025	IP 60854	001000	Preoperational Testing Of An ISFSI	
	3/17/2025	3/21/2025	IP 60856	001003	Review of 10 CFR 72.212(b) Evaluations	
OPERATION OF AN ISFSI						2
	3/24/2025	3/28/2025	IP 60855	001001	Operation Of An ISFSI	
OPERATION OF AN ISFSI						2
	5/4/2026	5/8/2026	IP 60855	001001	Operation Of An ISFSI	

Enclosure

Site Inspection Activity Plan

Saint Lucie

09/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
UNIT 2 IN-SERVICE INSPECTION +SG						1
2	9/9/2024	9/13/2024	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP OCCUPATIONAL RAD SAFETY AND TRANSPORTATION BASELINE INSPECTION						2
1,2	9/9/2024	9/13/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	9/9/2024	9/13/2024	IP 71151	000746	Performance Indicator Verification	
ST LUCIE INITIAL LICENSE EXAM						5
1,2	10/13/2024	10/18/2024	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1,2	12/2/2024	12/13/2024	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
FOCUSED ENGINEERING INSPECTION (AGE-RELATED)						3
1,2	11/18/2024	11/22/2024	IP 71111.21N.04	001832	Age-Related Degradation	
1,2	12/2/2024	12/6/2024	IP 71111.21N.04	001832	Age-Related Degradation	
MATERIAL CONTROL AND ACCOUNTING						1
1,2	12/9/2024	12/11/2024	IP 71130.11	000742	Material Control and Accounting (MC&A)	
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						2
1,2	1/13/2025	1/17/2025	IP 71114.02	000717	Alert and Notification System Testing	
1,2	1/13/2025	1/17/2025	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	1/13/2025	1/17/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	1/13/2025	1/17/2025	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	1/13/2025	1/17/2025	IP 71151	001397	Performance Indicator Verification	
PREOPERATIONAL TESTING OF AN ISFSI						2
1,2	12/9/2024	12/13/2024	IP 60854	001000	Preoperational Testing Of An ISFSI	
1,2	2/10/2025	2/14/2025	IP 60856	001003	Review of 10 CFR 72.212(b) Evaluations	
1,2	2/24/2025	2/28/2025	IP 60854	001000	Preoperational Testing Of An ISFSI	
1,2	3/17/2025	3/21/2025	IP 60854	001000	Preoperational Testing Of An ISFSI	
1,2	3/17/2025	3/21/2025	IP 60856	001003	Review of 10 CFR 72.212(b) Evaluations	
CYBER SECURITY INSPECTION						4
1,2	3/17/2025	3/21/2025	IP 71130.10	000741	Cybersecurity	

Site Inspection Activity Plan

OPERATION OF AN ISFSI						2
1,2	3/24/2025	3/28/2025	IP 60855	001001	Operation Of An ISFSI	
COMPREHENSIVE ENGINEERING TEAM INSPECTION (CETI)						7
1,2	3/24/2025	3/28/2025	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
1,2	4/7/2025	4/11/2025	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
SECURITY BASELINE INSPECTION						3
1,2	4/21/2025	4/24/2025	IP 71130.02	000734	Access Control	
1,2	4/21/2025	4/24/2025	IP 71130.05	000737	Protective Strategy Evaluation	
1,2	4/21/2025	4/24/2025	IP 71130.09	001656	Security Plan Changes	
1,2	4/21/2025	4/24/2025	IP 71151	001338	Performance Indicator Verification	
SECURITY BASELINE INSPECTION						2
1,2	7/21/2025	7/24/2025	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1,2	7/21/2025	7/24/2025	IP 71130.07	000739	Security Training	
UNIT 1 IN-SERVICE INSPECTION +SG						1
1	9/29/2025	10/10/2025	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION						3
1,2	9/29/2025	10/3/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	9/29/2025	10/3/2025	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	9/29/2025	10/3/2025	IP 71124.04	000728	Occupational Dose Assessment	
1,2	9/29/2025	10/3/2025	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2	9/29/2025	10/3/2025	IP 71151	000746	Performance Indicator Verification	
1,2	10/20/2025	10/24/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	10/20/2025	10/24/2025	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	10/20/2025	10/24/2025	IP 71124.04	000728	Occupational Dose Assessment	
1,2	10/20/2025	10/24/2025	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2	10/20/2025	10/24/2025	IP 71151	000746	Performance Indicator Verification	
SAINT LUCIE REQUAL						2
1,2	11/16/2025	11/22/2025	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
ST LUCIE INITIAL EXAM						5
1,2	10/26/2025	11/1/2025	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	

Site Inspection Activity Plan

1,2	11/30/2025	12/13/2025	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
EMERGENCY PREPAREDNESS EXERCISE INSPECTION						5
1,2	2/9/2026	2/13/2026	IP 71114.01	000716	Exercise Evaluation	
1,2	2/9/2026	2/13/2026	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	2/9/2026	2/13/2026	IP 71151	001397	Performance Indicator Verification	
FOCUSED ENGINEERING INSPECTION (FPTI)						3
1,2	2/2/2026	2/6/2026	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1,2	2/23/2026	2/27/2026	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION						1
1,2	4/6/2026	4/10/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	4/6/2026	4/10/2026	IP 71151	000746	Performance Indicator Verification	
UNIT 2 IN-SERVICE INSPECTION +SG						1
2	4/13/2026	4/24/2026	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
OPERATION OF AN ISFSI						2
1,2	5/4/2026	5/8/2026	IP 60855	001001	Operation Of An ISFSI	
SECURITY BASELINE INSPECTION						2
1,2	5/18/2026	5/21/2026	IP 71130.02	000734	Access Control	
1,2	5/18/2026	5/21/2026	IP 71130.09	001656	Security Plan Changes	
1,2	5/18/2026	5/21/2026	IP 71130.14	000743	Review of Power Reactor Target Sets	
1,2	5/18/2026	5/21/2026	IP 71151	001338	Performance Indicator Verification	