



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

August 23, 2018

Mr. Mano Nazar
President and Chief Nuclear Officer
Nuclear Division
Florida Power & Light Company
Mail Stop: EX/JB
700 Universe Blvd.
Juno Beach, FL 33408

SUBJECT: UPDATED INSPECTION PLAN FOR ST. LUCIE PLANT, UNIT 1 AND UNIT 2
(REPORT 05000335/2018005 AND 05000389/2018005)

Dear Mr. Nazar:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for St. Lucie Plant Unit 1 and Unit 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).

M. Nazar

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Please contact me at 404-997-4603 with any questions you have regarding this letter.

Sincerely,

/RA/

Randall A. Musser, Chief
Reactor Projects Branch 3
Division of Reactor Projects

Docket Nos.: 50-335, 50-389
License Nos.: DPR-67, NPF-16

Enclosure:
St Lucie Inspection/Activity Plan
(09/01/2018 – 06/30/2020)

cc Distribution via Listserv

SUBJECT: UPDATED INSPECTION PLAN FOR ST. LUCIE PLANT, UNIT 1 AND UNIT 2
(REPORT 05000335/2018005 AND 05000389/2018005) August 23, 2018

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Institute of Nuclear Power Operations (INPO)

ADAMS Accession No. ML18235A079

OFFICE	RII:DRP	RII:DRP				
NAME	LPressley	RMusser				
DATE	8/16/2018	8/16/2018				

OFFICIAL AGENCY RECORD

IP 22 Inspection Activity Plan Report

Saint Lucie

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
UNIT 2 SG IN-SERVICE INSPECTION						1
2	09/03/2018	09/07/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
UNIT 2 IN-SERVICE INSPECTION						1
2	09/03/2018	09/07/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
FPL CORP AA/FFD/SGI SECURITY INSPECTION						2
1, 2	10/22/2018	10/26/2018	IP 71130.01	000733	Access Authorization	
1, 2	10/22/2018	10/26/2018	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	10/22/2018	10/26/2018	IP 71130.08	000740	Fitness For Duty Program	
SECURITY BASELINE INSPECTION						2
1, 2	11/05/2018	11/09/2018	IP 71130.01	000733	Access Authorization	
1, 2	11/05/2018	11/09/2018	IP 71130.07	000739	Security Training	
1, 2	11/05/2018	11/09/2018	IP 71130.08	000740	Fitness For Duty Program	
DESIGN BASES ASSURANCE INSPECTION (TEAM)						6
1, 2	01/14/2019	01/18/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1, 2	02/11/2019	02/15/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1, 2	03/04/2019	03/08/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						3
1, 2	01/14/2019	01/18/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	01/14/2019	01/18/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	01/14/2019	01/18/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	01/14/2019	01/18/2019	IP 71151	001397	Performance Indicator Verification	
ST LUCIE INITIAL LICENSE EXAM						4
1, 2	02/11/2019	02/15/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	03/18/2019	03/29/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
SECURITY BASELINE INSPECTION						3
1, 2	05/13/2019	05/17/2019	IP 71130.02	000734	Access Control	
1, 2	05/13/2019	05/17/2019	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	05/13/2019	05/17/2019	IP 71151	001338	Performance Indicator Verification	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

Saint Lucie

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION						4
1, 2	06/17/2019	06/21/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
1, 2	07/08/2019	07/12/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
CYBER SECURITY						2
1, 2	07/15/2019	07/19/2019	IP 71130.10P	000741	Cyber Security	
1, 2	07/29/2019	08/02/2019	IP 71130.10P	000741	Cyber Security	
TRIENNIAL HEAT SINK PERFORMANCE						1
1, 2	07/22/2019	07/26/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
UNIT 1 IN-SERVICE INSPECTION						1
1	09/09/2019	09/13/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 1						2
1, 2	09/09/2019	09/13/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	09/09/2019	09/13/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	09/09/2019	09/13/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	09/09/2019	09/13/2019	IP 71124.04	000729	Occupational Dose Assessment	
1, 2	09/09/2019	09/13/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 2						3
1, 2	09/23/2019	09/27/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	09/23/2019	09/27/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	09/23/2019	09/27/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	09/23/2019	09/27/2019	IP 71124.04	000729	Occupational Dose Assessment	
1, 2	09/23/2019	09/27/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
SAINT LUCIE REQUAL INSPECTION						2
1, 2	10/21/2019	10/25/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
RP PUBLIC RAD SAFETY BASELINE INSPECTION						2
1, 2	01/27/2020	01/31/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	01/27/2020	01/31/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	

IP 22 Inspection Activity Plan Report

Saint Lucie

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
EMERGENCY PREPAREDNESS EXERCISE						6
1, 2	02/17/2020	02/21/2020	IP 71114.01	000716	Exercise Evaluation	
1, 2	02/17/2020	02/21/2020	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
1, 2	02/17/2020	02/21/2020	IP 71151	001397	Performance Indicator Verification	
UNIT 2 IN-SERVICE/SG IN-SERVICE/RVH						3
2	02/24/2020	02/28/2020	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION						2
1, 2	02/24/2020	02/28/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	02/24/2020	02/28/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
SAINT LUCIE INITIAL LICENSE EXAM						4
1, 2	03/30/2020	04/03/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	05/04/2020	05/15/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
SECURITY BASELINE INSPECTION						3
1, 2	05/04/2020	05/08/2020	IP 71130.02	000734	Access Control	
1, 2	05/04/2020	05/08/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	05/04/2020	05/08/2020	IP 71130.07	000739	Security Training	
1, 2	05/04/2020	05/08/2020	IP 71151	001338	Performance Indicator Verification	
TARGET SET						1
1, 2	05/18/2020	05/22/2020	IP 71130.14	000743	Review of Power Reactor Target Sets	
PROBLEM IDENTIFICATION AND RESOLUTION						4
1, 2	06/01/2020	06/05/2020	IP 71152B	000747	Problem Identification and Resolution	
1, 2	06/15/2020	06/19/2020	IP 71152B	000747	Problem Identification and Resolution	