



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

March 4, 2014

Mr. Mano Nazar
Executive Vice President and Chief Nuclear Officer
Florida Power and Light Company
P.O. Box 14000
Juno Beach, FL 33408-0420

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR ST LUCIE PLANT UNIT 1 AND UNIT 2
(REPORT 05000335/2013001 AND 05000389/2013001)**

Dear Mr. Nazar:

On February 18, 2014, the NRC completed its end-of-cycle performance review of St. Lucie Plant Unit 1 and Unit 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2013, through December 31, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, St. Lucie Plant Unit 1 and Unit 2 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at St. Lucie Plant Unit 1 and Unit 2 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

The NRC also plans on conducting two non-routine inspections. Temporary Instruction 2515/190, "Inspection of Licensee's Proposed Interim Actions as a Result of the Near-Term Task Force Recommendation 2.1 Flooding Evaluation," will be conducted by the resident inspectors as inspection opportunities become available. Also, Inspection Procedure 71003, "Post-Approval Site Inspection for License Renewal," has been included in the attached inspection plan.

Additionally, an NRC audit of licensee efforts towards compliance with Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events" is ongoing. This audit includes an onsite component in order for the NRC to evaluate mitigating strategies as described in licensee submittals, and to receive and review information relative to associated open items. This onsite activity will occur in the months prior to a declaration of compliance for the first unit at each site, and will aid staff in development of an ultimate Safety Evaluation for the site. The date for the onsite component at your site is being coordinated with your staff. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The calendar year (CY) 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

In accordance with 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) 997-4721 with any questions you may have regarding this letter.

Sincerely,

/RA/

Daniel W. Rich, 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
(03/01/2014 – 06/30/2015)

cc: Distribution via Listserv

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X PUBLICLY AVAILABLE □ NON-PUBLICLY AVAILABLE □ SENSITIVE X NON-SENSITIVE
 ADAMS: X Yes ACCESSION NUMBER: X SUNSI REVIEW COMPLETE □ FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	SRS /RA/	DWR /RA/					
NAME	SSandal	DRich					
DATE	02/27/2014	02/27/2014					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-CYCLE\2013\END OF CYCLE\INPUT\FINAL LETTERS\ST. LUCIE 2013 EOC LETTER.DOCX

M. Nazar

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Letter to Mano Nazar from Daniel W. Rich dated March 4, 2014

SUBJECT: ANNUAL ASSESSMENT LETTER FOR ST LUCIE PLANT UNIT 1 AND UNIT 2
(REPORT 05000335/2013001 AND 05000389/2013001)

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RidsNrrPMSt. Lucie Resource

Institute of Nuclear Power Operations (INPO)

ROP Assessment

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
2	03/10/2014	03/14/2014	ISI - UNIT 2 IN-SERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
2	03/17/2014	03/21/2014	SGISI - UNIT 2 SG IN-SERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
1, 2	03/24/2014	03/28/2014	RP - RADIOLOGICAL HAZARDS AND TRANSPORTATION IP 71124.01	Radiological Hazard Assessment and Exposure Controls	2
1, 2	03/24/2014	03/28/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	03/24/2014	03/28/2014	IP 71151	Performance Indicator Verification	
1, 2	02/02/2015	02/06/2015	EP - EP PROGRAM INSPECTION IP 7111402	Alert and Notification System Testing	3
1, 2	02/02/2015	02/06/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	02/02/2015	02/06/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	02/02/2015	02/06/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	02/02/2015	02/06/2015	IP 71151	Performance Indicator Verification	
1, 2	02/09/2015	02/13/2015	MODS - PLANT MODIFICATIONS INSPECTION IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	4
1, 2	03/02/2015	03/06/2015	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1	03/30/2015	04/03/2015	ISI - UNIT 1 IN-SERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
1	03/30/2015	04/03/2015	LR - UNIT 1 POST APPROVAL LR PHASE 1 IP 71003	Post-Approval Site Inspection for License Renewal	2
1, 2	03/30/2015	04/03/2015	RP - RP OCCUPATIONAL BASELINE WEEK 1 IP 71124.01	Radiological Hazard Assessment and Exposure Controls	3
1, 2	03/30/2015	04/03/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	03/30/2015	04/03/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/30/2015	04/03/2015	IP 71124.04	Occupational Dose Assessment	
1, 2	03/30/2015	04/03/2015	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	03/30/2015	04/03/2015	IP 71151	Performance Indicator Verification	
1	04/06/2015	04/10/2015	SGISI - UNIT 1 SG IN-SERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1
1, 2	04/13/2015	04/17/2015	RP - RP OCCUPATIONAL BASELINE WEEK 2 IP 71124.01	Radiological Hazard Assessment and Exposure Controls	2
1, 2	04/13/2015	04/17/2015	IP 71124.02	Occupational ALARA Planning and Controls	

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
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RP - RP OCCUPATIONAL BASELINE WEEK 2					
1, 2	04/13/2015	04/17/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	2
1, 2	04/13/2015	04/17/2015	IP 71124.04	Occupational Dose Assessment	
1, 2	04/13/2015	04/17/2015	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	04/13/2015	04/17/2015	IP 71151	Performance Indicator Verification	

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