



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

September 3, 2013

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: MID-CYCLE ASSESSMENT LETTER FOR ST. LUCIE PLANT UNIT 1 AND UNIT 2
(REPORT 05000335/2013006 AND 05000389/2013006)**

Dear Mr. Nazar:

On August 14, 2013, the NRC completed its mid-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 July 1, 2012, through June 30, 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 the performance at St. Lucie 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 December 31, 2014. 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 end-of-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.

We also plan on conducting one non-ROP inspection; Temporary Instruction (TI) 2515/182, Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping – Phase 2.

M. Nazar

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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) 997-4533 with any questions you may have regarding this letter.

Sincerely,

/RA/

Gregory J. Kolcum, Acting 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
(09/01/2013 – 12/31/2014)

cc: Distribution via Listserv

M. Nazar

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X PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE X NON-SENSITIVE
ADAMS: X Yes ACCESSION NUMBER: ML13246A054 X SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	SRS /RA/	GJK /RA/					
NAME	SSandal	GKolcum					
DATE	08/26/2013	08/29/2013					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: [HTTP://PORTAL.NRC.GOV/EDO/RII/DRP/BRANCH3/BRANCH 3 PLANT INFORMATION/ST. LUCIE 2013 ANNUAL ASSESSMENT LETTER.DOCX](http://portal.nrc.gov/EDO/RII/DRP/BRANCH3/BRANCH3%20PLANT%20INFORMATION/ST.LUCIE%202013%20ANNUAL%20ASSESSMENT%20LETTER.DOCX)

M. Nazar

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Letter to Mano Nazar from Gregory J. Kolcum dated September 3, 2013

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR ST. LUCIE PLANT UNIT 1 AND UNIT 2
(REPORT 05000335/2013006 AND 05000389/2013006)

Distribution w/encl:

C. Evans, RII

L. Douglas, RII

OE Mail

RIDSNRRDIRS

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RidsNrrPMStLucie Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1, 2	09/16/2013 09/18/2013	TI-182 IP 2515/182	- TI-182 BURIED PIPING/TANK - PHASE 2 Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	1
1, 2	09/16/2013 09/20/2013	RP IP 71124.01	- RP OCCUPATIONAL BASELINE Radiological Hazard Assessment and Exposure Controls	3
1, 2	09/16/2013 09/20/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	09/16/2013 09/20/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	09/16/2013 09/20/2013	IP 71124.04	Occupational Dose Assessment	
1, 2	09/16/2013 09/20/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	09/16/2013 09/20/2013	IP 71151	Performance Indicator Verification	
1, 2	09/30/2013 10/04/2013	RP IP 71124.01	- RP OCCUPATIONAL BASELINE WEEK2 Radiological Hazard Assessment and Exposure Controls	3
1, 2	09/30/2013 10/04/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	09/30/2013 10/04/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	09/30/2013 10/04/2013	IP 71124.04	Occupational Dose Assessment	
1, 2	09/30/2013 10/04/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	09/30/2013 10/04/2013	IP 71151	Performance Indicator Verification	
1	10/07/2013 10/11/2013	ISI IP 7111108P	- UNIT 1 INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
1	10/14/2013 10/18/2013	SGISI IP 7111108P	- UNIT 1 SG INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
1, 2	02/17/2014 02/21/2014	EP IP 7111407	- EP EXERCISE Exercise Evaluation - Hostile Action (HA) Event	1
1, 2	02/17/2014 02/21/2014	IP 71151	Performance Indicator Verification	
1, 2	01/13/2014 01/17/2014	PI&R IP 71152B	- PROBLEM IDENTIFICATION AND RESOLUTION Problem Identification and Resolution	4
1, 2	01/27/2014 01/31/2014	IP 71152B	Problem Identification and Resolution	
1, 2	02/03/2014 02/07/2014	RP IP 71124.06	- RP PUBLIC RADIATION BASELINE Radioactive Gaseous and Liquid Effluent Treatment	2
1, 2	02/03/2014 02/07/2014	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	02/03/2014 02/07/2014	IP 71151	Performance Indicator Verification	
2	03/10/2014 03/14/2014	ISI IP 7111108P	- UNIT 2 IN-SERVICE INSPECTION Inservice Inspection Activities - PWR	1

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
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2	03/17/2014 03/21/2014	SGISI - UNIT 2 SG IN-SERVICE INSPECTION IP 7111108P Inservice Inspection Activities - PWR		1
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1, 2	03/24/2014 03/28/2014	RP - RADIOLOGICAL HAZARDS AND TRANSPORTATION IP 71124.01 Radiological Hazard Assessment and Exposure Controls		2
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1, 2	03/24/2014 03/28/2014	IP 71124.08 Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation		
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1, 2	03/24/2014 03/28/2014	IP 71151 Performance Indicator Verification		
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Comments:

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