



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

March 4, 2015

Mr. Mano Nazar
President and Chief Nuclear Officer
Nuclear Division
NextEra Energy
P.O. Box 14000
Juno Beach, FL 33408-0420

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR ST. LUCIE PLANT UNIT 1 AND UNIT 2
(REPORT 05000335/2014001 AND 05000389/2014001)**

Dear Mr. Nazar:

On February 11, 2015, 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, 2014, through December 31, 2014. 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 during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix. St. Lucie Unit 1 moved to the Regulatory Response column of the Action Matrix beginning in the third quarter of 2014 as the result of a finding with low to moderate safety significance (White) in the Mitigating Systems cornerstone. The finding was associated with the failure to maintain the watertight integrity of the Unit 1 Reactor Auxiliary Building. On December 19, 2014, the NRC completed a supplemental inspection using Inspection Procedure (IP) 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," for Unit 1. Based on the results of this inspection, as documented in inspection report 05000335/2014011 (ADAMS Accession No. ML15027A197), the NRC determined that your actions were sufficient to address the performance issues that led to the White (low to moderate safety significance) violation. This finding will remain an Action Matrix input until the end of the second quarter 2015. The NRC plans to conduct ROP baseline inspections at St. Lucie Unit 1 during the upcoming inspection cycle.

The NRC determined that overall, St. Lucie 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 Unit 2 during the most recent quarter was within the Licensee Response Column of the NRC's 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 St. Lucie Unit 2.

The enclosed inspection plan lists the inspections scheduled through June 30, 2016. 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 three 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 Reevaluation," IP 71003, "Post-Approval Site Inspection for License Renewal," Phases 1 and 2, and IP 92702, "Followup on Corrective Actions for Violations and Deviations."

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 Eric Stamm at (404) 997-4575 with any questions you may have regarding this letter.

Sincerely,

/RA/

Joel T. Munday, Director
Division of Reactor Projects

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

Enclosure: St. Lucie Inspection/Activity Plan
(01/01/2015 – 06/30/2016)

cc Distribution via ListServ

The enclosed inspection plan lists the inspections scheduled through June 30, 2016. 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.

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Please contact me at (404) 997-4500 with any questions you may have regarding this letter.

Sincerely,

/RA/

Joel T. Munday, Director
Division of Reactor Projects

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(01/01/2015 – 06/30/2016)

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

OFFICE	RII:DRP	RII:DRP			
SIGNATURE	EJS2	JTM			
NAME	E.Stamm	J.Munday			
DATE	03/04/2015	03/05/2015			
E-MAIL COPY?	YES NO	YES NO			

M. Nazar

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Letter to Mano Nazar from Joel T. Munday dated March 4, 2015.

SUBJECT: ANNUAL ASSESSMENT LETTER FOR ST. LUCIE PLANT UNIT 1 AND UNIT 2
(REPORT 05000335/2014001 AND 05000389/2014001)

Distribution w/encl:

D. Gamberoni, RII

L. Douglas, RII

OE Mail

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RidsNrrPMStLucie Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

Saint Lucie
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			MODS - PLANT MODIFICATIONS INSPECTION		4
1, 2	03/02/2015	03/06/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			OL EXAM - INITIAL LICENSE EXAM		3
1	03/02/2015	03/13/2015	V23369	ST LUCIE/MARCH 2015 EXAM AT POWER FACILITIES	
			LR - UNIT 1 POST APPROVAL LR PHASE 1		1
1	03/30/2015	04/10/2015	IP 71003	Post-Approval Site Inspection for License Renewal	
			ISI - UNIT 1 IN-SERVICE INSPECTION		1
1	03/30/2015	04/03/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			RP - RP OCCUPATIONAL BASELINE WEEK 1		3
1, 2	03/30/2015	04/03/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
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	
			RP - RP OCCUPATIONAL BASELINE WEEK 2		3
1, 2	04/13/2015	04/17/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/13/2015	04/17/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	04/13/2015	04/17/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
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	
			ISI - UNIT 2 IN-SERVICE INSPECTION		1
2	09/14/2015	09/18/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			SGISI - UNIT 2 SG IN-SERVICE INSPECTION		1
2	09/21/2015	09/25/2015	IP 7111108P	Inservice Inspection Activities - PWR	
			LR - POST APPROVAL LR PHASE 2		6
1, 2	11/02/2015	11/06/2015	IP 71003	Post-Approval Site Inspection for License Renewal	
1, 2	11/16/2015	11/20/2015	IP 71003	Post-Approval Site Inspection for License Renewal	
			OL RQ - REQUAL INSP		2
1, 2	11/16/2015	11/20/2015	IP 7111111B	Licensed Operator Requalification Program	
			CDBI - COMPONENT DESIGN BASES INSPECTION		7
1, 2	01/11/2016	01/15/2016	IP 7111121	Component Design Bases Inspection	

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

Enclosure

Saint Lucie
Inspection / Activity Plan
03/01/2015 - 06/30/2016

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
CDBI - COMPONENT DESIGN BASES INSPECTION					7
1, 2	02/08/2016	02/12/2016	IP 7111121	Component Design Bases Inspection	
1, 2	02/22/2016	02/26/2016	IP 7111121	Component Design Bases Inspection	
1, 2	03/07/2016	03/11/2016	IP 7111121	Component Design Bases Inspection	
RP - RP PUBLIC RAD SAFETY BASELINE					2
1, 2	01/25/2016	01/29/2016	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	01/25/2016	01/29/2016	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	01/25/2016	01/29/2016	IP 71151	Performance Indicator Verification	
EP - EP EXERCISE INSPECTION					2
1, 2	02/22/2016	02/26/2016	IP 7111401	Exercise Evaluation	
1, 2	02/22/2016	02/26/2016	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	02/22/2016	02/26/2016	IP 71151	Performance Indicator Verification	
PI&R - PROBLEM IDENTIFICATION AND RESOLUTION					5
1, 2	05/09/2016	05/13/2016	IP 71152B	Problem Identification and Resolution	
1, 2	05/23/2016	05/27/2016	IP 71152B	Problem Identification and Resolution	
TFPI - TRIENNIAL FIRE PROTECTION INSPECTION					4
1, 2	06/06/2016	06/10/2016	IP 7111105T	Fire Protection [Triennial]	
1, 2	06/20/2016	06/24/2016	IP 7111105T	Fire Protection [Triennial]	

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