



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

March 4, 2009

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

**SUBJECT: ANNUAL ASSESSMENT LETTER - ST. LUCIE NUCLEAR PLANT
(NRC INSPECTION REPORT 05000335/2009001, 05000389/2009001)**

Dear Mr. Nazar:

On February 11, 2009, the NRC staff completed its performance review of the St. Lucie Nuclear Plant. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2008. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only—Security-Related-Information" will include the security cornerstone review and resultant inspection plan.

Overall, St. Lucie Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several non-ROP baseline inspections which include: temporary instruction (TI) 2515/172, Reactor Coolant System Dissimilar Metal Butt Welds, TI/2515/173, Review of the Implementation of the Industry Ground Water Protection Volunteer Initiative; Operator Licensing Examinations; and independent spent fuel storage installation (ISFSI) routing loading.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through June 30, 2010. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the mid-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public

Document Room or from the Publicly Available Records (PARS) component of NRC's documentsystem (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 404-562-4629 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Marvin D. Sykes, Chief
Reactor Projects Branch 3
Division of Reactor Projects

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

Enclosure: St. Lucie Nuclear Plant Inspection/Activity Plan (03/01/09 - 06/30/0)

cc w/encl: (See page 3)

Distribution:
Normal distribution list

cc w/encl:

Alison Brown
Nuclear Licensing
Florida Power & Light Company
Electronic Mail Distribution

Gordon L. Johnston
Site Vice President
St. Lucie Nuclear Plant
Electronic Mail Distribution

Michael Page
Operations Manager (Acting)
St. Lucie Nuclear Plant
Electronic Mail Distribution

Robert J. Hughes
Director
Licensing and Performance Improvement
Florida Power & Light Company
Electronic Mail Distribution

Christopher R. Costanzo
Plant General Manager
St. Lucie Nuclear Plant
Electronic Mail Distribution

Eric Katzman
Licensing Manager
St. Lucie Nuclear Plant
Electronic Mail Distribution

Abdy Khanpour
Vice President
Engineering Support
Florida Power and Light Company
P.O. Box 14000
Juno Beach, FL 33408-0420

Don E. Grissette
Vice President, Nuclear Operations - South
Region
Florida Power & Light Company
Electronic Mail Distribution

M. S. Ross
Managing Attorney
Florida Power & Light Company
Electronic Mail Distribution

Marjan Mashhadi
Senior Attorney
Florida Power & Light Company
Electronic Mail Distribution

William A. Passetti
Chief
Florida Bureau of Radiation Control
Department of Health
Electronic Mail Distribution

Craig Fugate
Director
Division of Emergency Preparedness
Department of Community Affairs
Electronic Mail Distribution

J. Kammel
Radiological Emergency Planning
Administrator
Department of Public Safety
Electronic Mail Distribution

Douglas Anderson
County Administrator
St. Lucie County
2300 Virginia Avenue
Ft. Pierce, FL 34982

Mano Nazar
Senior Vice President and Nuclear Chief
Operating Officer
Florida Power & Light Company
Electronic Mail Distribution

Senior Resident Inspector
St. Lucie Nuclear Plant
U.S. Nuclear Regulatory Commission
P.O. Box 6090
Jensen Beach, FL 34957-2010

Peter Wells
(Acting) Vice President, Nuclear
Training and Performance Improvement
Florida Power and Light Company
P.O. Box 14000
Juno Beach, FL 33408-0420

Mark E. Warner
Vice President
Nuclear Plant Support
Florida Power & Light Company
Electronic Mail Distribution

Saint Lucie
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
PSB1-RP - RP OCCUPATIONAL INSPECTION WK1 (OUTAGE)					2
1,2	04/27/2009	05/01/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
1,2	04/27/2009	05/01/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	04/27/2009	05/01/2009	IP 7112102	ALARA Planning and Controls	
1,2	04/27/2009	05/01/2009	IP 7112202	Radioactive Material Processing and Transportation	
1,2	04/27/2009	05/01/2009	IP 71151	Performance Indicator Verification	
EB3ISI - UNIT 2 INSERVICE INSPECTION					1
2	05/04/2009	05/08/2009	IP 7111108P	Inservice Inspection Activities - PWR	
EB3TI172 - TI-172 RCS DM BUTT WELDS					1
2	05/04/2009	05/08/2009	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
PSB1-RP - RP OCCUPATIONAL INSPECTION WK2 (OUTAGE)					3
1,2	05/11/2009	05/15/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
1,2	05/11/2009	05/15/2009	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	05/11/2009	05/15/2009	IP 7112102	ALARA Planning and Controls	
1,2	05/11/2009	05/15/2009	IP 7112202	Radioactive Material Processing and Transportation	
INSP - COMPONENT DESIGN BASIS INSPECTION (CDBI)					7
1,2	07/13/2009	07/17/2009	IP 7111121	Component Design Bases Inspection	
1,2	08/03/2009	08/07/2009	IP 7111121	Component Design Bases Inspection	
1,2	08/10/2009	08/14/2009	IP 7111121	Component Design Bases Inspection	
1,2	08/31/2009	09/04/2009	IP 7111121	Component Design Bases Inspection	
OL EXAM - INITIAL EXAM PREP					4
1	09/14/2009	09/18/2009	V23309	ST LUCIE/OCTOBER 2009 EXAM AT POWER FACILITIES	
OL EXAM - INITIAL EXAM WEEK 1					3
1	09/28/2009	10/01/2009	V23309	ST LUCIE/OCTOBER 2009 EXAM AT POWER FACILITIES	
OL EXAM - INITIAL EXAM - WEEK 2					3
1	10/05/2009	10/09/2009	V23309	ST LUCIE/OCTOBER 2009 EXAM AT POWER FACILITIES	
OL EXAM - INITIAL EXAM - WEEK 3					3
1	10/19/2009	10/23/2009	V23309	ST LUCIE/OCTOBER 2009 EXAM AT POWER FACILITIES	
OL RQ - REQUAL INSPECTION					2
1,2	11/16/2009	11/20/2009	IP 7111111B	Licensed Operator Requalification Program	
PSB1EP - EMERGENCY PREPAREDNESS EXERCISE					3
1,2	02/22/2010	02/26/2010	IP 7111401	Exercise Evaluation	
1,2	02/22/2010	02/26/2010	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	02/22/2010	02/26/2010	IP 71151	Performance Indicator Verification	

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

Saint Lucie
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			ISFSI - ISFSI ROUTING LOADING		2
1, 2	04/01/2010	06/30/2010	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			EB3ISI - UNIT 1 INSERVICE INSPECTION		1
1	05/10/2010	05/14/2010	IP 7111108P	Inservice Inspection Activities - PWR	

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