



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

September 2, 2008

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

SUBJECT: MID CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – ST. LUCIE
NUCLEAR PLANT

Dear Mr. Stall:

On August 13, 2008, the NRC staff completed its performance review of St. Lucie Nuclear Plant, Units 1 and 2 for the first half of the calendar year 2008 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 Physical Protection/Security cornerstone performance review and resultant inspection plan.

Plant performance for the most recent quarter at St. Lucie, Units 1 and 2 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. In addition, TI 2515/173, Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative, will be performed at your facility prior to August 30, 2010. In the near term, we will contact you to assess your readiness for this inspection and then finalize our schedule accordingly.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2009. 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 end-of-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 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).

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Letter: ML082460586

Encl: ML082460588

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If circumstances arise which cause us to change the 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

Enclosure: St. Lucie Nuclear Plant Inspection / Activity Plan

Docket Nos.: 50-335, 50-389

License Nos.: DPR-31, DPR-41

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Saint Lucie
Inspection / Activity Plan
09/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	PSB1-RP - RADIATION PROTECTION PUBLIC BASELINE		3			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		09/08/2008	09/12/2008	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/08/2008	09/12/2008	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		09/08/2008	09/12/2008	Baseline Inspections
1,2	IP 71151-OR01	Occupational Exposure Control Effectiveness		09/08/2008	09/12/2008	Baseline Inspections
1,2	IP 71151-PR01	RETS/ODCM Radiological Effluent		09/08/2008	09/12/2008	Baseline Inspections
	EB3ISI - UNIT 1 INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/27/2008	10/31/2008	Baseline Inspections
	EB3SGISI - UNIT 1 STEAM GENERATOR INSERVICE INSP		2			
1	IP 7111108P	Inservice Inspection Activities - PWR		11/03/2008	11/07/2008	Baseline Inspections
	EB3TI172 - TI-172		1			
1,2	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		12/08/2008	12/12/2008	Generic Safety Inspectio
	STL TFPI - TRIENNIEL FIRE PROTECTION INSPECTION		7			
1,2	IP 7111105P	Fire Protection-NFPA 805 Transition Period [Triennial]		01/26/2009	01/30/2009	Baseline Inspections
1,2	IP 7111105P	Fire Protection-NFPA 805 Transition Period [Triennial]		02/09/2009	02/13/2009	Baseline Inspections
	PSB1EP - EMERGENCY PREPAREDNESS PROTECTION		1			
1,2	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review		02/09/2009	02/13/2009	Baseline Inspections
1,2	IP 7111402	Alert and Notification System Testing		02/09/2009	02/13/2009	EP Baseline Inspection
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		02/09/2009	02/13/2009	EP Baseline Inspection
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		02/09/2009	02/13/2009	EP Baseline Inspection
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		02/09/2009	02/13/2009	EP Baseline Inspection
1,2	IP 71151	Performance Indicator Verification		02/09/2009	02/13/2009	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL PREINSPECTION VISIT		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		03/30/2009	04/03/2009	Baseline Inspections
	EB3ISI - UNIT 2 INSERVICE INSPECTION		2			
2	IP 7111108P	Inservice Inspection Activities - PWR		04/27/2009	05/01/2009	Baseline Inspections
	EB3TI172 - TI-172 RCS DM BUTT WELDS		1			
2	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds		04/27/2009	05/01/2009	Generic Safety Inspectio
	PSB1-RP - RP OCCUPATIONAL INSPECTION WK1 (OUTAGE)		2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		04/27/2009	05/01/2009	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		04/27/2009	05/01/2009	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		04/27/2009	05/01/2009	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		04/27/2009	05/01/2009	Baseline Inspections
	EB3SGISI - UNIT 2 STEAM GENERATOR INSERVICE INSP		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		05/04/2009	05/08/2009	Baseline Inspections

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

Saint Lucie
Inspection / Activity Plan
09/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	PSB1-RP	- RP OCCUPATIONAL INSPECTION WK2 (OUTAGE)	3			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		05/11/2009	05/15/2009	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		05/11/2009	05/15/2009	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		05/11/2009	05/15/2009	Baseline Inspections
	INSP	- COMPONENT DESIGN BASIS INSPECTION (CDBI)	5			
1,2	IP 7111121	Component Design Bases Inspection		07/13/2009	07/17/2009	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		07/27/2009	07/31/2009	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		08/10/2009	08/14/2009	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		08/24/2009	08/28/2009	Baseline Inspections
	OL EXAM	- INITIAL EXAM PREP	3			
1	V23284	ST LUCIE/JULY 2008 EXAM AT POWER FACILITIES		09/14/2009	09/18/2009	Not Applicable
	OL EXAM	- INITIAL EXAM - WEEK 1	3			
1	V23284	ST LUCIE/JULY 2008 EXAM AT POWER FACILITIES		10/05/2009	10/09/2009	Not Applicable
	OL EXAM	- INITIAL EXAM - WEEK 2	3			
1	V23284	ST LUCIE/JULY 2008 EXAM AT POWER FACILITIES		10/19/2009	10/23/2009	Not Applicable
	OL RQ	- REQUAL INSPECTION	2			
1,2	IP 7111111B	Licensed Operator Requalification Program		11/16/2009	11/20/2009	Baseline Inspections

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