



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

March 1, 2007

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: ANNUAL ASSESSMENT LETTER - ST. LUCIE NUCLEAR PLANT (NRC
INSPECTION REPORT 05000335, 389/2007001)

Dear Mr. Stall:

On February 7, 2007, the NRC technical staff completed its performance review of the St. Lucie Nuclear Plant for the period from January 1 through December 31, 2006. 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 the enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and a resultant inspection plan.

Overall, St. Lucie operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for St. Lucie Units 1 and 2 for the most recent quarter, as well as the first three quarters of the assessment cycle, was in 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 inspections which include the independent spent fuel storage installation inspection, containment emergency recirculation sump blockage, steam generator replacement, and reactor head replacement.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2008. The inspection plan is provided to minimize the resource impact on your staff and 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 twelve months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

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

ML070600127/Package
ML070600129/Letter
ML070600135/Enclosure

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).

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) 562-4540 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Michael E. Ernstes, 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

cc w/encl: (See page 3)

cc w/encl:

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Saint Lucie
Inspection / Activity Plan
03/01/2007 - 09/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB1-MODS - MODIFICATIONS/10CFR50.59		3			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		02/26/2007	03/02/2007	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		02/26/2007	03/02/2007	Baseline Inspections
	60853 - ISFSI CONSTRUCTION		2			
1	IP 60854	Preoperational Testing Of An ISFSI		03/19/2007	03/23/2007	Other Routine
	EB3-ISI - U1 INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/09/2007	04/13/2007	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL BASELINE INSPECTION		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/09/2007	04/13/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/09/2007	04/13/2007	Baseline Inspections
	EB3SGISI - U1 STEAM GENERATOR ISI		2			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/16/2007	04/20/2007	Baseline Inspections
	EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI (U-1)		1			
1,2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		04/23/2007	04/27/2007	Safety Issues
	EB1-CDBI - COMPONENT DESIGN BASES INSPECTION		7			
1,2	IP 7111121	Component Design Bases Inspection		08/13/2007	08/17/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		08/27/2007	08/31/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		09/10/2007	09/14/2007	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		09/24/2007	09/28/2007	Baseline Inspections
	OL RQ - LICENSED OPERATOR REQUAL INSPECTION		3			
1,2	IP 7111111B	Licensed Operator Requalification Program		08/27/2007	08/31/2007	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL PRE-INSP VISIT		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		09/03/2007	09/05/2007	Baseline Inspections
	EB3-ISI - U2 INSERVICE INSPECTION		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/22/2007	10/26/2007	Baseline Inspections
	PSB1-RP - RP OCCUPATIONAL BASLINE INSP WK 1		2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/22/2007	10/26/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		10/22/2007	10/26/2007	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		10/22/2007	10/26/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		10/22/2007	10/26/2007	Baseline Inspections
	EB3SGRP - STEAM GENERATOR REPLACEMENT		7			
2	IP 50001	Steam Generator Replacement Inspection		10/29/2007	11/02/2007	Other Routine
2	IP 50001	Steam Generator Replacement Inspection		11/26/2007	11/30/2007	Other Routine
2	IP 50001	Steam Generator Replacement Inspection		12/17/2007	12/21/2007	Other Routine

Saint Lucie
Inspection / Activity Plan
03/01/2007 - 09/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB3HEAD - REACTOR HEAD REPLACEMENT		1			
2	IP 71007	Reactor Vessel Head Replacement Inspection		11/05/2007	11/09/2007	Other Routine
	PSB1-RP - RP OCCUPATIONAL BASELINE INSP WK 2		2			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		11/12/2007	11/16/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		11/12/2007	11/16/2007	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		11/12/2007	11/16/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		11/12/2007	11/16/2007	Baseline Inspections
	EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI (U-2)		1			
2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		12/17/2007	12/21/2007	Safety Issues
	PSB1-EP - EP EXERCISE		2			
1,2	IP 7111401	Exercise Evaluation		02/18/2008	02/22/2008	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		02/18/2008	02/22/2008	Baseline Inspections
1,2	IP 71151-EP01	Drill/Exercise Performance		02/18/2008	02/22/2008	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		02/18/2008	02/22/2008	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		02/18/2008	02/22/2008	Baseline Inspections
	OL PREP - INITIAL EXAM PREP		2			
1	V23284	ST LUCIE/JULY 2008 EXAM AT POWER FACILITIES		06/30/2008	07/03/2008	Not Applicable
	OL EXAM - INITIAL EXAM		3			
1	V23284	ST LUCIE/JULY 2008 EXAM AT POWER FACILITIES		07/21/2008	08/01/2008	Not Applicable
	PSB1-RP - RADIATION PROTECTION PREINSPECTION VISIT		1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		08/11/2008	08/15/2008	Baseline Inspections
	PSB1-RP - RADIATION PROTECTION PUBLIC BASELINE		4			
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 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		09/08/2008	09/12/2008	Baseline Inspections
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		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