



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

March 2, 2005

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 05000335/2005001 AND 05000389/2005001)

Dear Mr. Stall:

On February 9, 2005, the NRC staff completed its end-of-cycle plant performance assessment of St. Lucie Nuclear Plant. The end-of-cycle review for St. Lucie involved the participation of the reactor technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2004. 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 will allow you an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities. This performance review and the enclosed inspection plan do not include physical protection information. A separate end-of-cycle performance review 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 the most recent quarter 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 only reactor oversight process (ROP) baseline inspections at your facility through September 30, 2006. We also plan to conduct several non-ROP inspections which include the reactor head replacement activities.

While plant performance for the most recent quarter is within the Licensee Response Column of the Action Matrix, St. Lucie Unit 2 was in the Regulatory Response Column for the first quarter of the assessment cycle, based on a White PI, "Unplanned Scrams per 7000 Critical Hours." A Supplemental Inspection using Inspection Procedure 95001, "Inspection for One or Two White Inputs In a Strategic Performance Area" was conducted in February 2004 and no findings of significance were identified.

ML050610500-pkg
ML050610508-ltr
ML050610514-encl

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2006. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved 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 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 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 this inspection plan, we will contact you to discuss the change as soon as possible. Please contact Mr. Joel T. Munday at 404-562-4560 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Victor M. McCree, Director
Division of Reactor Projects

Docket No(s). 50-335, 50-389
License No(s). DPR-67, NPF-16

Enclosure: St. Lucie Inspection/Activity Plan

cc w/encl: (See page 3)

FPL

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cc w/encl:
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Saint Lucie
Inspection / Activity Plan
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB1-MODS - MODIFICATIONS/10CFR50.59		4			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		04/04/2005	04/08/2005	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		04/04/2005	04/08/2005	Baseline Inspections
	EB1SSDPC - SSDPC PRE-INSPECTION VISIT		2			
1,2	IP 7111121	Safety System Design and Performance Capability		05/09/2005	05/11/2005	Baseline Inspections
	EB1SSDPC - SAFETY SYSTEM DESIGN & PERF. CAPABILITY		6			
1,2	IP 7111121	Safety System Design and Performance Capability		06/13/2005	06/17/2005	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		06/20/2005	06/24/2005	Baseline Inspections
	OL RQ - REQUAL INSPECTION		2			
1,2	IP 7111111B	Licensed Operator Requalification Program		07/18/2005	07/22/2005	Baseline Inspections
	MTN-HEAD - REACTOR HEAD & PZR REPLACEMENT		4			
1	IP 71007	Reactor Vessel Head Replacement Inspection		09/19/2005	09/23/2005	Other Routine
1	IP 71007	Reactor Vessel Head Replacement Inspection		10/31/2005	11/04/2005	Other Routine
1	IP 71007	Reactor Vessel Head Replacement Inspection		11/14/2005	11/18/2005	Other Routine
	MTN-ISI - U1 INSERVICE INSPECTION		2			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/10/2005	10/14/2005	Baseline Inspections
	MTNSGSI - STEAM GENERATOR ISI		2			
1	IP 7111108P	Inservice Inspection Activities - PWR		10/17/2005	10/21/2005	Baseline Inspections
	PS-RP - RP OCCUPATIONAL BASELINE & RX HEAD WK-1		3			
1,2	IP 71007	Reactor Vessel Head Replacement Inspection		10/17/2005	10/21/2005	Other Routine
1,2	IP 7112101	Access Control to Radiologically Significant Areas		10/17/2005	10/21/2005	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		10/17/2005	10/21/2005	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		10/17/2005	10/21/2005	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		10/17/2005	10/21/2005	Baseline Inspections
	PS1-RP - RP OCCUPATIONAL BASELINE & RX HEAD WK-2		3			
1,2	IP 71007	Reactor Vessel Head Replacement Inspection		11/14/2005	11/18/2005	Other Routine
1,2	IP 7112101	Access Control to Radiologically Significant Areas		11/14/2005	11/18/2005	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		11/14/2005	11/18/2005	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		11/14/2005	11/18/2005	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		11/14/2005	11/18/2005	Baseline Inspections
	MTN-MR - MR EFFECTIVENESS		2			
1,2	IP 7111112B	Maintenance Effectiveness		01/30/2006	02/03/2006	Baseline Inspections
	PS2-EP - EP EXERCISE		3			
1,2	IP 7111401	Exercise Evaluation		02/13/2006	02/17/2006	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		02/13/2006	02/17/2006	Baseline Inspections

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
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PS2-EP - EP EXERCISE		3			
1,2	IP 71151	Performance Indicator Verification		02/13/2006	02/17/2006	Baseline Inspections
	OL PREP - INITIAL EXAM PREP		3			
1	V23220	ST. LUCIE/EXAMS AT POWER FACILITIES		02/27/2006	03/03/2006	Not Applicable
	OL EXAM - INITIAL EXAM		3			
1	V23220	ST. LUCIE/EXAMS AT POWER FACILITIES		03/20/2006	03/31/2006	Not Applicable
	MTN-ISI - U2 INSERVICE INSPECTION		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		05/01/2006	05/05/2006	Baseline Inspections
	MTNSGISI - U2 STEAM GENERATOR ISI		1			
2	IP 7111108P	Inservice Inspection Activities - PWR		05/08/2006	05/12/2006	Baseline Inspections
	DRP - PI&R		4			
1,2	IP 71152	Identification and Resolution of Problems		06/12/2006	06/16/2006	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		06/26/2006	06/30/2006	Baseline Inspections
	EB2-TFP - TRIENNIAL FP PRE-INSPECTION VISIT		4			
1,2	IP 7111105T	Fire Protection		09/05/2006	09/07/2006	Baseline Inspections