

July 9, 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: ST. LUCIE UNITS 1 AND 2 NUCLEAR PLANT - NRC MATERIAL CONTROL
AND ACCOUNTING PROGRAM INSPECTION - REPORT 05000335/2007201
AND 05000389/2007201

Dear Mr. Stall:

On June 4-7, 2007, the U.S. Nuclear Regulatory Commission (NRC) conducted a material control and accounting (MC&A) safeguards inspection at your St. Lucie Nuclear Plant. The inspection was conducted under Phase III of Temporary Instruction 2515/154. The enclosed inspection report documents the inspection findings which were discussed with you and other members of your staff during the exit (final) meeting on June 7, 2007.

The inspection examined activities conducted under your license as they relate to safety, security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed storage of special nuclear material in the spent fuel pool, and interviewed key personnel. Areas examined during the inspection included physical inventory and accounting records.

Based on this inspection, no findings of significance were identified.

When separated from the Enclosure, this document is DECONTROLLED.

J. Stall

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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 Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, this letter's enclosure will not be available for public inspection.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from NRC's document system ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security-Related Information - Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

Should you have any questions concerning this report, please contact Martha Williams at (301) 415-7878 or Dori Votolato (301) 415-7633.

Sincerely,

/RA/

Barry Westreich, Chief
Reactor Security Oversight Branch
Division of Security Operations
Office of Nuclear Security and
Incident Response

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

Enclosure: MC&A Inspection Report 05000335&389/2007201

cc w/enclosure: Attached list

Official Use Only - Security-Related Information

J. Stall

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J. Stall

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cc w/enclosure:

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Site Vice President
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William A. Passetti, Chief
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