



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

August 26, 2016

Mano Nazar
President and Chief Nuclear Officer
Nuclear Division
NextEra Energy
P.O. Box 14000
Juno Beach, FL 33408-0420

**SUBJECT: ST LUCIE NUCLEAR PLANT - NOTIFICATION OF INSPECTION AND REQUEST
FOR INFORMATION**

Dear Mr. Nazar:

During the week of September 26-30, 2016, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at the St. Lucie Nuclear Plant (NRC Inspection Procedure 71124.01). In order to minimize the impact to your onsite resources and to ensure a productive inspection, we have enclosed a request for documents needed for this activity. The NRC requests that these documents be provided to the inspector no later than September 19, 2016.

We have discussed the schedule for these inspection activities with your staff, and understand that our regulatory contact for this inspection will be Donald Cecchetti of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Jonathan Rivera at 404-997-4646, or the Chief of Plant Support Branch 1, Brian Bonser at 404-997-4653.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding," of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter, and its Enclosure, will be available electronically for public inspection in the NRC Public Document Room, or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS); accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget under control numbers 3150-0008, 3150-0011, 3150-0014, 3150-0044, and 3150-0135. The NRC may not conduct or

sponsor, and a person is not required to respond to, a request for information or an information collection requirement, unless the requesting document displays a currently valid Office of Management and Budget control number.

Sincerely,

/RA: Adam D. Nielsen for/

Brian R. Bonser, Chief
Plant Support Branch 1
Division of Reactor Safety

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

Enclosure:
Document Request List

cc: Distribution via Listserv

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DISTRIBUTION:

- L. Suggs, RII, DRP
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PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE

ADAMS: Yes ACCESSION NUMBER: _____ SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1					
SIGNATURE	ADN FOR	ADN FOR					
NAME	J. Rivera	B. Bonser					
DATE	8/ 26/ 2016	8/ 26 /2016					
E-MAIL COPY	YES NO	YES NO					

Document Request List

Inspection Dates: September 26-30, 2016

Documents Due to Region II by: September 19, 2016

Inspection Procedures (IPs): IP 71124.01 Radiological Hazard Assessment and Exposure Controls

Lead Inspector: Jonathan Rivera
Health Physicist
U.S. NRC Region II
404-997-4646
Jonathan.Rivera@nrc.gov

Note: The current version of these documents is expected unless specified otherwise. Electronic media is preferred if readily available. *[Note that the inspectors cannot accept data provided on USB or "flash" drives due to NRC IT security policies.]* Please organize the information as it is arranged below to the extent possible. Experience has shown that a poorly organized CD leads to a less efficient inspection, and places additional burden on licensee staff. Pay particular attention to the date ranges for the items requested as they may change from item to item. If there are questions regarding the documents requested, or if the documents cannot be provided by the due date, please do not hesitate to contact the lead inspector.

Miscellaneous

1. List of primary contacts for each inspection area w/phone numbers.
2. Corrective action program (CAP) procedure(s).
3. Most recent 10 CFR Part 61 results for the dry active waste (DAW) stream.

71124.01 - Radiological Hazard Assessment and Exposure Controls

1. List of outage radiation work permits (RWPs).
2. Timeline of major outage activities (e.g., Gantt chart or similar list).
3. Procedures related to health physics (HP) controls (e.g., posting, labeling, surveys, RWPs, contamination control, high radiation area (HRA)/locked high radiation area (LHRA)/very high radiation area (VHRA) control, key control, control of divers, special controls during fuel offload, hot spots, etc.).
4. Independent spent fuel storage installation (ISFSI) information to include surveys, exposure data, and as low as reasonably achievable (ALARA) planning and reviews conducted for the last two moves. Also, the last two routine surveys of the facility and any thermoluminescent dosimeter (TLD) area monitoring results of the facility.
5. Procedures related to the release of personnel and materials (e.g., release surveys, decontamination, and guidance for alarm followup).
6. List of onsite sources inventoried under the National Source Tracking System (NSTS), records of any NSTS inventory changes since April 1, 2015 (acquisitions, transfers, or disposal), and a copy of the 2016 NSTS annual confirmation.
7. Most recent inventory record for sealed sources stored onsite.
8. List of all non-fuel items stored in the spent fuel pool (SFP).
9. Most recent self-assessment or audit covering radiological hazard assessment and exposure controls.

Enclosure

10. List of condition reports (CRs) generated since April 1, 2015, related to HP controls (e.g., radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems, electronic dosimeter alarms, etc.). *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

LIST OF ACRONYMS

ALARA	As Low As Reasonably Achievable
CAP	Corrective Action Program
CFR	Code of Federal Regulations
CRs	Condition Reports
DAW	Dry Active Waste
HP	Health Physics
HRA	High Radiation Area
ISFSI	Independent Spent Fuel Storage Installation
LHRA	Locked High Radiation Area
NSTS	National Source Tracking System
RWPs	Radiation Work Permits
SFP	Spent Fuel Pool
TLD	Thermoluminescent Dosimeter
VHRA	Very High Radiation Area