



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

July 30, 2015

Mr. Brian K. Taber  
Vice President  
Southern Nuclear Operating Company, Inc.  
Vogtle Electric Generating Plant  
7821 River Road  
Waynesboro, GA 30830

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT - NOTIFICATION OF INSPECTION  
AND REQUEST FOR INFORMATION

Dear Mr. Taber:

During the week of September 21 – 25, 2015, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at your Vogtle Electric Generating Plant, Units 1 and 2 (NRC Inspection Procedures 71124.01 and 71124.08). 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 inspection. It is important that all of these documents are up-to-date, and complete, in order to minimize the number of additional documents requested during the preparation, and/or the onsite portions of the inspection. The NRC requests that the requested documents be provided to the inspectors, in CD format, on or before **August 31, 2015**.

We have discussed the schedule for these inspection activities with your staff, and understand that our regulatory contact for this inspection will be George Gunn. 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 Plant Support Branch 1 Chief, Brian Bonser at 404-997-4653.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 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 (PARS) 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/***

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

Docket Nos. 50-424 and 50-425  
License Nos. NPF-68 and NPF-81

Enclosure:  
Pre-Inspection Document List

cc: Distribution via Listserv

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Sincerely,

**/RA/**

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

Docket Nos. 50-424 and 50-425  
License Nos. NPF-68 and NPF-81

Enclosure:  
Pre-Inspection Document List

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OFFICE	RII:DRS/PSB1	RII:DRS/PSB1					
SIGNATURE	JXR1 via e-mail	WTL for BRB1					
NAME	J. Rivera	B. Bonser					
DATE	7/ 28 /2015	7/ 30 /2015					
E-MAIL COPY	<b>YES</b> NO	<b>YES</b> NO					

OFFICIAL RECORD COPY

**PRE-INSPECTION DOCUMENT LIST  
PUBLIC RADIATION PROTECTION INSPECTION**

Public and Occupational Radiation Safety Cornerstones

Licensee: Vogtle Electric Generating Plant

Docket Numbers: 05000424 and 05000425

Inspection Dates: September 21 – 25, 2015

Documents to Region II by: August 31, 2015

Inspection Procedures: IP 71124.01 Radiological Hazard Assessment and Exposure Controls  
IP 71124.08 Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation

Lead Inspector: Jonathan Rivera  
Health Physicist  
US 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. The preferred file format is Word, WordPerfect, or searchable “.pdf” files on CDROM. *[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 well-organized CD leads to a more efficient inspection, and lessens additional burden on licensee staff. During the inspection, the inspectors may request additional documents. If the licensee wishes to use an electronic document service such as CERTRAC, or a Shareware portal, the inspectors will try to accommodate for the documentation requested onsite. The initial documents should not require an internet connection to be reviewed.

If there are questions regarding the documents requested, or if the documents cannot be provided by the due date, please call Jonathan Rivera at 404-997-4646. Thank you in advance for all of your effort in putting together this material.

General Information Needed

1. List of primary contacts for each inspection area, with phone numbers.
2. Corrective action program procedure.
3. Outage schedule of major activities (Gantt chart if available).

71124.01 - Radiological Hazard Assessment and Exposure Controls

1. List of outage radiation work permits (RWPs).
2. All 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).

Enclosure

3. Procedures related to release of personnel and materials (e.g., release surveys, decontamination, guidance for alarm followup).
4. List of Nationally Tracked Sources and any change-of-ownership transactions.
5. List of all non-fuel items stored in spent fuel pool.
6. Most recent self-assessment or audit covering HP controls.
7. List of condition reports (CRs) related to HP controls (e.g., radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems) since April 2014. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

71124.08 - Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation

1. Site and corporate procedures associated with radioactive waste processing and handling, storage, and transportation of radioactive material (RAM), including:
  - a. Storage and handling of RAM, including non-Radiological Controlled Area (RCA) and satellite RCA locations.
  - b. Waste stream mixing, sampling, concentration averaging, and use of scaling factors.
  - c. Monitoring impact of long-term storage (e.g., buildup of gases produced by waste decomposition, chemical reactions, container deformation, loss of container integrity, re-release of free-flowing water).
  - d. Transferring of resin and/or sludge into shipping/disposal containers; dewatering and waste stabilization.
  - e. Preparing packages and documentation for shipping RAMs.
2. Process Control Program.
3. Liquid and solid radwaste system diagrams and detailed system descriptions (e.g., information that might be contained in curricula for training new system engineers).
4. List of RAM storage areas, including satellite RCAs.
5. List of all shipments made since March 2013 (shipping logs).
6. List of all changes made to solid and liquid radwaste processing systems since March 2013.
7. List of all abandoned solid and liquid radwaste processing equipment.
8. Last two 10 CFR Part 61 analyses for each waste stream; including QA data (e.g., in-house vs. vendor lab comparisons, current results vs. database).
9. Most recent self-assessment or audit covering shipping/radwaste processing and RAM storage programs.
10. List of CRs related to shipping, radwaste processing, or RAM storage since March 2013. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*
11. Training records for all individuals qualified to ship RAM/waste demonstrating the requirements of 49 CFR 172 Subpart H (HAZMAT training) have been met. *[This information can be reviewed onsite rather than included with the submittal because it may contain Personally Identifiable Information.]*

Inspector Contact Information

Jonathan Rivera  
404-997-4646  
[Jonathan.Rivera@nrc.gov](mailto:Jonathan.Rivera@nrc.gov)

Mailing Address

US Nuclear Regulatory Commission,  
Region II  
ATTN: Jonathan Rivera  
245 Peachtree Center Ave., NE  
Suite 1200  
Atlanta, GA 30303

**LIST OF ACRONYMS**

CRs	Condition Reports
HP	Health Physics
HRA	High Radiation Area
LHRA	Locked High Radiation Area
VHRA	Very High Radiation Area
RAM	Radioactive Material
RCA	Radiological Controlled Area
RWPs	Radiation Work Permit