



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

June 26, 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 August 24 – 28, 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 71124.06 and 71124.07). 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 10, 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, Robert Kellner at 404-997-4508, 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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Brian Bonser, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket Nos. 50-424 and 50-425
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Enclosure:
Pre-Inspection Document List

cc: Distribution via Listserv

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☒ PUBLICLY AVAILABLE

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ADAMS: ☒ Yes ACCESSION NUMBER: ML15180A065

☒ SUNSI REVIEW COMPLETE

☒ FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1					
SIGNATURE	RXK3	BRB1					
NAME	R. Kellner	B. Bonser					
DATE	6/ 24 /2015	6/ 26 /2015					
E-MAIL COPY	YES NO	YES NO					

OFFICIAL RECORD COPY

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

Public Radiation Safety Cornerstone

Licensee: Vogtle Electric Generating Plant

Docket Numbers: 05000424 and 05000425

Inspection Dates: August 24 – 28, 2015

Documents to Region II by: August 10, 2015

Inspection Procedures: IP 71124.06 Radioactive Gaseous and Liquid Effluent Treatment
IP 71124.07 Radiological Environmental Monitoring Program

Lead Inspector: Robert Kellner
Sr. Health Physicist
US NRC Region II
404-997-4508
Robert.Kellner@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.

Documentation is requested from September 1, 2013, to the present, unless otherwise noted, for the inspection procedures.

If there are questions regarding the documents requested, or if the documents cannot be provided by the due date, please call Robert Kellner at 404-997-4508. Thank you in advance for all of your effort in putting together this material.

General Information Needed

- Telephone numbers of contacts for the identified inspection areas.
- Plant, Chemistry, and Radiation Protection organizational charts, including personnel involved in effluent sampling and reporting, Radiological Environmental Monitoring Program (REMP) sampling and reporting.
- Procedures for issuing and assessing issues for risk-significance and followup actions (i.e., Corrective Action Program procedures).

Enclosure

- Schedule of routine effluent and REMP sampling activities (e.g., stacks sampled on Monday, REMP run Tuesday).
- List of radiation protection procedures.
- List of effluent sampling and reporting procedures.
- List of REMP sampling and reporting procedures.
- Current version/revision of the Offsite Dose Calculation Manual (ODCM).
- Annual Radiological Environmental Operating Report (AREOR) for calendar year (CY) 2013 and CY 2014.
- Annual Radiological Effluent Release Report (ARERR) documents for CY 2013 and CY 2014.
- Current 10 CFR Part 61 Analysis Results for dry active waste (DAW) and primary resin.
- Audits and self-assessments performed since September 2013 that encompass the areas of (1) radiological effluents; and (2) radiological environmental monitoring, to include meteorological tower.

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

- Provide Procedures/Guidance Documents for:
 - collection, analysis, release and dose evaluations for gaseous and/or liquid effluents, including guidance for both batch and continuous modes
 - determination of set-points for main plant gaseous and liquid effluent discharge pathways
 - groundwater monitoring program
- Provide a list of any significant changes to the ODCM since September 2013.
- Provide a list of significant changes to the radioactive effluent processing systems since September 2013.
- Provide a list of any non-radioactive systems that have become contaminated since September 2013.
- Provide a list of any unmonitored, unplanned, or otherwise abnormal gaseous or liquid releases identified since September 2013.
- Provide last two gaseous effluent permits and last two liquid effluent permits.
- Provide a list of 10 CFR 50.75(g) entries made since September 2013.
- Provide system health reports for radiological effluent/process monitoring systems since September 2013.
- Provide a list of the main liquid and gaseous effluent pathway process monitors listed as out-of-service (OOS) since September 2013. *[Note: Do not include monitors listed as OOS for less than 24 hours.]*
- List of significant changes to the effluent monitoring program since September 2013, as documented within the ODCM.
- Provide groundwater monitoring results since September 2013.
- Inter-laboratory comparison program results (onsite count room) since September 2013.
- Results of last two filtration system (HEPA/Charcoal) surveillances for gaseous effluent pathways (i.e., auxiliary building vent, containment purge exhaust, etc.).
- Copies of all audits, self-assessments, and/or reviews of liquid and gaseous effluent monitoring program activities since September 2013. The data should include any reviews conducted of vendor activities and their facilities.
- List of corrective action documents (e.g., Condition Reports (CRs)) generated since September 2013, because of gaseous and liquid effluent processing, and/or ODCM

related activities. This should be a list of corrective action documents containing a CR number and brief description, not full CRs. *[Note: Only titles/summary statement should be provided for use by the inspectors to select a sample of issues for in-depth review.]*

71124.07 - Radiological Environmental Monitoring Program

Prior to the Onsite Inspection

- Provide Procedures/Guidance Documents for:
 - collection and analysis of environmental samples
 - calibration and maintenance of REMP air and/or water samplers
 - calibration of meteorological monitoring instrument loop (wind speed & direction, air temperature sensors currently in use)
 - monthly/quarterly meteorological instrumentation surveillance requirements (control room and local tower activities)
- Records for the last two calibrations of the following:
 - REMP air and water sampling equipment (as applicable)
 - meteorological monitoring instruments (wind speed & direction, air temperature)
- Detailed inter-laboratory comparison program results (environmental lab) since September 2013.
- Copies of all audits, self-assessments, and/or reviews of REMP activities since September 2013. The data should include any reviews conducted of vendor activities and their facilities (e.g., environmental lab).
- List of systems, structures, or components (SSCs), identified as credible mechanism(s) having the potential for release of licensed material to the groundwater environs.
- List of significant REMP changes (sample locations, sample frequency, type of samples, etc.) documented within the ODCM since September 2013.
- List of CRs generated as a result of REMP activities since September 2013. *[Note: Only titles/summary statement should be provided for use by the inspectors to select a sample of issues for in-depth review.]*

Assistance Requested During Onsite Inspection

- An inspector will need to accompany the weekly environmental sample collection run.
- An inspector will need to tour the Meteorological Tower, and will need to be able to discuss reliability and data recovery issues.
- An inspector will need to observe effluent sample collection and walkdown and discuss effluent monitors and processing.
- An inspector will need to walkdown the liquid and solid waste processing and ventilation systems and discuss .

Inspector Contact Information

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404-997-4508
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Mailing Address

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

LIST OF ACRONYMS

AREORs	Annual Radiological Environmental Operating Reports
ARERRs	Annual Radiological Effluent Release Reports
CRs	Condition Reports
CY	Calendar Year
DAW	Dry Active Waste
ODCM	Offsite Dose Calculation Manual
OOS	Out-of-Service
REMP	Radiological Environmental Monitor Programs
SSCs	Systems, Structures, or Components