



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

February 7, 2014

Mr. Tom E. Tynan
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. Tynan:

On March 17, 2014, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Occupational and Public Radiation Safety inspection at the Vogtle Electric Generating Plant, (NRC Inspection Procedures (IPs) 71124.01, Radiological Hazard Assessment and Exposure Controls; 71124.02, Occupational ALARA Planning and Controls; 71124.03, In-Plant Airborne Radioactivity Control and Mitigation; 71124.04, Occupational Dose Assessment; 71124.05, Radiation Monitoring Instrumentation; and 71151 Performance Indicator Verification (Occupational and Public Radiation Safety Cornerstones). 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.

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 of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, William Pursley, at 404-997-4517, 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 "Rules of Practice," 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 Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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:
Document Request 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
License Nos. NPF-68 and NPF-81

Enclosure:
Document Request List

cc: Distribution via Listserv

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ADAMS: ☒ Yes

ACCESSION NUMBER: ML14038A045

☒ SUNSI REVIEW COMPLETE

☒ FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1					
SIGNATURE	WSP1 via e-mail	BRB1					
NAME	W. Pursley	B. Bonser					
DATE	2/ 5 /2014	2/ 6 /2014					
E-MAIL COPY	YES NO	YES NO					

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRSI\PSB1\RFI INFORMATION REQUEST LETTERS\VOGTLEVOG
RP RFI 2014-004 REV1 (2).DOCX

Document Request List

Inspection Dates: March 17 – 21, and March 31 – April 4, 2014

Documents Due to Region II by: March 6, 2014

Inspection Procedures:	IP 71124.01	Radiological Hazard Assessment and Exposure Controls
	IP 71124.02	Occupational ALARA Planning and Controls
	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation
	IP 71124.04	Occupational Dose Assessment
	IP 71124.05	Radiation Monitoring Instrumentation
	IP 71151	Performance Indicator Verification

Lead Inspector: William Pursley
Health Physicist
US NRC Region II
404-997-4517
william.pursley@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 poorly organized CD leads to a less efficient inspection and places additional burden on licensee staff. If there are questions regarding the documents requested, please do not hesitate to contact the lead inspector.

Miscellaneous

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. Procedures related to health physics (HP) controls (e.g., Posting, labeling, surveys, RWPs, contamination control, HRA/LHRA/VHRA control, key control, control of divers, special controls during fuel offload, hot spots, etc.).
3. Procedures related to release of personnel and materials (e.g., release surveys, decontamination, guidance for alarm followup, etc.).
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 CRs related to HP controls (e.g., radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems, etc.) issued since February 2013. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

Enclosure

71124.02 - Occupational As Low As Reasonably Achievable Planning and Controls

1. All procedures related to As Low As Reasonably Achievable (ALARA) (e.g., temporary shielding, ALARA planning, source term reduction, etc.).
2. List of top five dose jobs for the upcoming refueling outage and ALARA planning packages, if available.
3. List of temporary shielding requests generated for the upcoming outage.
4. Crudburst/cleanup and trending point data for last two outages.
5. Source term reduction strategic plan, if available.
6. Most recent self-assessment or audit of ALARA program.
7. Most recent annual ALARA report and most recent refueling outage report, if available.
8. Annual ALARA goals for 2013 and 2014, and the methodology utilized to make the projections.
9. Completed ALARA packages (including post-job reviews) for five work activities completed during the previous outage which had the greatest collective dose.
10. LIST of CRs related to ALARA since October 2012. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

71124.03 - In-Plant Airborne Radioactivity Control and Mitigation

1. Procedures related to airborne monitoring and control (e.g., use of containment purge, use of portable HEPA/charcoal units, temporary ventilation enclosures, use of CAMs, air sampling guidance, Alpha air sampling, etc.).
2. Procedures related to the use of respiratory protection devices, (e.g., SCBA, TEDE-ALARA guidance, PAPRs, storage, maintenance, training, QA, fit-testing, etc.).
3. All records of grade D air certification for supplied air system and SCBA filling equipment since October 2012.
4. SCBA qualification records
 - (a) Vendor training certificates for all individuals qualified to repair SCBA.
 - (b) List of all licensed operators qualified to use SCBA.
 - (c) List of all maintenance personnel qualified to use SCBA.
 - (d) List of all HP personnel qualified to use SCBA.
5. Documentation for last two surveillances performed on SCBA stored for emergency use.
6. Most recent audit or self-assessment covering airborne controls and respiratory protection.
7. LIST of CRs related to airborne monitoring and respiratory protection since October 2012. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

71124.04 – Occupational Dose Assessment

1. Procedures related to occupational dose assessment (e.g., external dose monitoring, dosimetry issuance and use, unusual dosimetry occurrences, multi-badging/extremity dosimetry/badge relocation, Effective Dose Equivalent, personnel contamination events, storage/care of personal dosimeters, use of electronic dosimeters, *in-vivo* and *in-vitro* internal dose assessment, skin dose assessment, QC for whole body counter, use of passive monitoring if applicable, declared pregnant workers).
2. National Voluntary Laboratory Accreditation Program (NVLAP) accreditation documentation for current dosimetry used by site.
3. LIST of all positive whole body counts, *in vitro*, or air sampling analyses which resulted in an assigned CEDE equal to or exceeding 10 millirem since October 2012. *[Note: Only a listing should be provided for use by the inspectors to select a sample of issues for in-depth review during the onsite inspection].*

4. LIST of all personnel contamination events identified since October 2012. Include full documentation for any PCEs requiring skin dose assessment. *[Note: Only a listing should be provided for use by the inspectors to select a sample of issues for in- depth review during the onsite inspection, however please include full dose assessment documentation as applicable].*
5. Most recent audit or self-assessment of the dosimetry program, and the most recent audit of the lab that processes site dosimetry.
6. LIST of CRs generated since October 2012, for internal or external dosimetry issues/events. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

71124.05 - Radiation Monitoring Instrumentation

1. Procedures/Guidance Documents for:
 - (a) Use of portable instrument calibrators (e.g., Shepherd calibrator).
 - (b) Calibration and functional test/source checks of portable radiation detection instrumentation.
 - (c) Calibration and functional tests of small article monitor (SAM), personnel contamination monitor (PCM), portal monitor (PM), whole body counting (WBC) equipment; and continuous air monitors (CAMs).
 - (d) Determination of set-points for Area Radiation Monitor (ARM), CAM, PCM, PM and SAM equipment.
 - (e) Collection and analysis of high-range, post accident effluent samples.
 - (f) QA program for count room instruments.
2. The last two calibration records for the following monitors:
 - (a) 2RE-12444A, B, C, D, E, Plant Vent Post Accident Monitor.
 - (b) 1RE-0021, Steam Generator Blowdown Liquid Process Monitor
 - (c) 2RE-6 Containment High-range Area Monitor.
 - (d) ARE-16971 Radwaste Processing Facility Monitor.
 - (e) Whole Body Counter in Dosimetry area.
 - (f) All SAMs at main RCA exit point.
 - (g) All PCMs at main RCA exit point.
 - (h) All PMs at main plant Security exit point.
3. Documentation for the sources used to calibrate the above requested monitors showing traceability to a national standard (NIST/NBS) and to the primary calibration, as applicable.
4. The last two surveillances performed on the Post-accident Sampling System (PASS).
5. The last test record of the instrument calibrator (Shepherd validation testing/dose rate curves).
6. Last two system health reports for the Radiation Monitoring system.
7. Copies of all audits, self-assessments, and/or reviews of radiation monitoring equipment and portable radiation survey instruments generated since October 2012. The records should include any reviews conducted of vendor facilities (e.g., outside calibration laboratories, as applicable).
8. LIST of CRs generated since October 2012, related to portable instruments, effluent and area monitors, CAMs, RCA release point monitors, WBCs, and count room instruments. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*

Performance Indicator Verification (occupational and public cornerstones)

1. Procedure for gathering and reporting performance indicator (PI) data.
2. List of all CRs related to effluent dose/ODCM issues since March 2013. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*
3. LIST of all CRs related to LHRA/VHRA issues and unintended dose issues since March 2013. *[This should be a list of corrective action documents containing a CR number and brief description, not full CRs.]*
4. Most recent gaseous and liquid effluent release permits showing year-to-date doses to the public.
5. LIST of electronic dosimeter alarms since March 2013 (dose and dose rate).