

## ML19030A739

**From:** [Pursley, William](#)  
**To:** ["Walden, Kevin C.";](#) ["Dixon, Jim R. \(Vogtle RP\)"](#)  
**Cc:** [Dykes, Carmen](#)  
**Subject:** Plant Vogtle RP Inspection Information Request  
**Date:** Monday, January 28, 2019 7:59:00 AM  
**Attachments:** [Vogtle 2019001 Transportation and Rad Hazards Document Request.pdf](#)

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Kevin/Jim,

Attached is the Initial Information Request and a Document Request List for the upcoming NRC Radiation Safety Inspection scheduled for the week of March 11-15, 2019 at VEGP.

The NRC inspectors that will be on-site during the inspection are myself, and Carmen Dykes. We may need to check on Carmen's badge. I should be up to date on Southern Company training.

Please let me know that you received this request. We would like to receive the requested information no later than March 4, 2019. If there are any questions about this inspection, or the material requested, please contact me via email, or at the phone number included below.

Regards,

William Pursley  
USNRC RII Health Physicist  
404 997-4517

Vogtle Electric Generating Plant  
Radiation Safety Baseline Inspection  
Initial Information Request  
Inspection Report: 2019001

During the week of March 11, 2019, the NRC will perform a baseline Radiation Safety Inspection at Vogtle Electric Generating Plant (NRC Inspection Procedures 71124.01 and 71124.08).

Experience has shown that this inspection is resource-intensive for both the NRC inspectors and your staff. In order to minimize the impact to your onsite resources and to ensure a productive inspection, we are requesting in advance documents needed for this activity. It is important that all of these documents are up-to-date, and complete, thereby minimizing the number of additional documents requested during the preparation, and/or the onsite portions of the inspection. The NRC requests that these documents be provided to the inspectors no later than March 4, 2019.

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 Engineering Branch 3 Branch Chief, 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," a copy of this document 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>.

PAPERWORK REDUCTION ACT STATEMENT

This document 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.

PUBLIC PROTECTION NOTIFICATION

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.

## Document Request List

### Occupational and Public Radiation Safety Cornerstone

Licensee: **Vogle Electric Generating Plant**

Docket Number: 05000424, 425

Inspection Dates: **March 11-15, 2019**

Documents Due to Region II by: **March 4, 2019**

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: William Pursley  
Health Physicist  
US NRC Region II  
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**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. During the inspection, the inspectors may request additional documents. 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.

Documentation for these inspection procedures, are requested from September 1, 2018 to present for IP 71124.01 and September 1, 2017 to present for IP 71124.08. We would prefer as much of the information as possible in electronic form with a directory structure which imitates the manner in which the information is requested (by IP). The information can be provided on a CD delivered to the Region II Office at the address provided by the request date or all the information placed in a single "zip" file on CERTREC by the request date.

### Miscellaneous

1. Plant Management, Radiation Protection and Chemistry organizational charts with contact telephone numbers
2. List of primary site contact(s) for each inspection area w/phone number.
3. Corrective Action Program (CAP) procedure(s)
4. List of Radiation Protection (RP) Procedures (title and number only)

71124.01 - Radiological Hazard Assessment and Exposure Controls  
(Last Inspected September 2018)

1. Timeline of major outage activities (e.g. Gantt chart or similar list)
2. List of active routine and 2R20 outage Radiation Work Permits (RWPs).
3. Copies of RP Procedures for access and key controls, posting, labeling, surveys, RWPs and ED setpoints, contamination control, release of material and personnel from the RCA, diving, high risk activities and any RP procedures for specific plant evolutions (eg. Crudburst, Resin Transfer, Rx Head Movement, etc.).
4. Copies of the last two routine surveys from U1 & U2 RHR rooms and U1 & U2 Containment Penetration Rooms.
5. Copy of radioactive source inventory, most recent leak test survey and any National Source Tracking System (NSTS) transactions since September 1 2018.
6. List of all non-fuel items stored in spent fuel pool.
7. Most recent self-assessment or audit covering HP controls.
8. List of CAP report numbers and brief descriptions (not full CRs) for issues related to RP controls, radioactive material controls, radworker or RP tech human performance and posting and surveys generated since September 1, 2018.

71124.08 - Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation (Last Inspected September 2017)

1. Provide Procedures/Guidance Documents describing licensee compliance with 10 CFR Parts 20, 61, and 71, and 49 CFR Parts 170-189. Procedures/manuals should include but are not limited to:
  - a) Solid and liquid radioactive waste (radwaste) processing
  - b) transferring radwaste resin and sludge discharges into shipping/disposal containers
  - c) Waste stream mixing and/or sampling, including:
    - i. waste concentration averaging
    - ii. use of scaling factors and calculations used to account for difficult-to-measure radionuclides
    - iii. ensuring waste stream composition data accounts for changing operational parameters
  - d) Shipping/transportation
  - e) Cask loading and closures (licensee and vendor), make applicable to the last three cask transports
  - f) Process Control Program
2. Liquid and solid radwaste system diagrams and detailed system descriptions (e.g. information that might be contained in curricula for training new system engineers)
3. List of RAM storage areas, including satellite radiological controlled areas (RCAs)
4. List of all RAM/Radwaste shipments made since September 2017 (shipping logs)
5. List of all changes made to solid and liquid radwaste processing systems since September 2017
6. List of all abandoned solid and liquid radwaste processing equipment
7. 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, etc.)
8. Most recent self-assessment or audit of Shipping/radwaste processing and RAM storage programs
9. List of condition reports related to shipping, radwaste processing, or RAM storage since September 2017. This should be a list of corrective action documents containing a number

and brief description, not full condition reports.

Assistance Requested During On-Site Inspection

- Identification of work activities available during the inspection for inspector observations, including notification of pre-job briefings, notification of risk significant work activities, shipments of radioactive material and audio/visual surveillance for remote job coverage.
- Health physics assistance in plant walk-downs/job coverage of ongoing activities to assess access controls.
- Walkdown of Radwaste System with a subject matter expert or operator familiar with its operation.

Inspector Contact Information:

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