

Oconee Nuclear Station
Radiation Safety Baseline Inspection
Initial Information Request
Inspection Report: 2018002

During the week of April 30, 2018 – May 4, 2018, the NRC will perform a baseline Radiation Safety Inspection at the Oconee Nuclear Station (NRC Inspection Procedures 71124.01, 71124.08, and 71151).

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 April 20, 2018.

If there are any questions about this inspection or the material requested, please contact the lead inspector, Adam Nielsen at 404-997-4660, or the Engineering Branch 3 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

Inspection Dates: April 30, 2018 – May 4, 2018

Documents Due to Region II by: April 20, 2018

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
IP 71151	Performance Indicator Verification (Occupational Radiation Safety Cornerstone Only)

Lead Inspector: Adam Nielsen
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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. 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 procedure(s)

71124.01 - Radiological Hazard Assessment and Exposure Controls

1. Timeline of major outage activities (e.g. Gantt chart or similar list)
2. Procedures related to RP 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, ISFSI Controls, 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. Most recent sealed source inventory record
6. List of all non-fuel items stored in spent fuel pool
7. Most recent self-assessment or audit covering RP controls
8. List of CRs related to RP controls (e.g. radworker error, RP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems, etc.) issued since November 18, 2017. *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. All procedures related to transportation of radioactive material/waste, radwaste characterization, solid radwaste processing, and storage of RAM and radwaste
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 all RAM/Radwaste shipments made since May 7, 2016 (shipping logs)
5. List of all changes made to solid and liquid radwaste processing systems since May 7, 2016
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 May 7, 2016. *This should be a list of corrective action documents containing a number and brief description, not full condition reports.*

71151 – Performance Indicator Verification (Occupational Radiation Safety Cornerstone only)

1. Procedures for gathering and reporting NRC Performance Indicator (PI) data.
2. LIST of all CRs related to LHRA/VHRA issues or significant (>100 mrem) unintended doses since November 18, 2017. *This should be a list of corrective action documents containing a CR number and brief description, not full CRs.*
3. LIST of electronic dosimeter alarms since November 18, 2017 (dose and dose rate)

From: [Nielsen, Adam](#)
To: lagrone.robinson@duke-energy.com
Cc: Bob.Meixell@Duke-Energy.com
Subject: Document request for NRC RP inspection April 30 - May 4.
Date: Thursday, March 15, 2018 9:48:00 AM
Attachments: [OCO 2018-02 RP doc request.pdf](#)

Please let me know if you have any questions.

Thanks,
Adam
(404) 997-4660