



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II

245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

March 14, 2016

Mr. Scott Batson
Vice President
Oconee Nuclear Station
Duke Energy Corporation
7800 Rochester Highway
Seneca, SC 29672-0752

**SUBJECT: OCONEE NUCLEAR STATION - NOTIFICATION OF INSPECTION
AND REQUEST FOR DOCUMENTS**

Dear Mr. Batson:

During the week of May 2–6, 2016, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at your Oconee Nuclear Station (NRC Inspection Procedures 71124.01, 71124.08, and parts of 71151). 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 activity. The NRC requests that these documents be provided to the inspectors no later than April 20, 2016.

We have discussed the schedule for these inspection activities with your staff, and understand that our regulatory contact for this inspection will be Bob Meixell. 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 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, "Public inspections, exemptions, requests for withholding" 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 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. 50-269, 50-270, and 50-287
License Nos. DPR-38, DPR-47, and DPR-55

Enclosure:
Document Request List

cc: Distribution via Listserv

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Docket Nos. 50-269, 50-270, and 50-287
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Document Request List

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- J. Worosilo, RII, SR PE
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- J. Parent, RII, RI
- S. Price, RII, ORA/RC
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 NON-SENSITIVE
 ADAMS: Yes
 ACCESSION NUMBER: ML16075A022
 SUNSI REVIEW COMPLETE
 FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1					
SIGNATURE	ADN	BRB1					
NAME	A. Nielsen	B. Bonser					
DATE	3/ 14 /2016	3/ 14 /2016					
E-MAIL COPY	YES NO	YES NO					

Document Request List

Inspection Dates: May 2–6, 2016

Documents Due to Region II by: April 20, 2016

Inspection Procedures (IPs):

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
Sr. Health Physicist
US NRC Region II
404-997-4660
Adam.Nielsen@nrc.gov

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 submittal 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 health physics (HP) controls (e.g., Posting, labeling, surveys, Radiation Work Permits (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).
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. 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 HP controls.
8. List of condition reports related to HP controls (e.g., radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems issued since November 6, 2015).

Enclosure

[This should be a searchable list of corrective action documents containing a number and brief description, not full condition reports (CRs.)]

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

1. All procedures related to transportation of radioactive material (RAM)/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 shipments made since May 8, 2014 (shipping logs).
5. List of all changes made to solid and liquid radwaste processing systems since May 8, 2014.
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).
8. Most recent self-assessment or audit of shipping/radwaste processing and RAM storage programs.
9. List of CRs related to shipping, radwaste processing, or RAM storage since May 8, 2014.

[This should be a searchable list of corrective action documents containing a number and brief description, not full CRs.]

71151 – Performance Indicator Verification (Occupational Cornerstone)

1. Procedure for gathering and reporting performance indicator data.
2. LIST of all CRs related to LHRA/VHRA issues or significant (>100 mrem) unintended doses since November 6, 2015. *[This should be a searchable list of corrective action documents containing a number and brief description, not full CRs.]*
3. LIST of electronic dosimeter alarms since November 6, 2015 (dose and dose rate).

LIST OF ACRONYMS

HP	Health Physics
RWPs	Radiation Work Permits
HRA	High Radiation Area
LHRA	Lock High Radiation Area
VHRA	Very High Radiation Area
CRs	Condition Reports
RAM	Radioactive Materials