



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

December 23, 2014

Mr. Kelvin Henderson
Site Vice President
Duke Energy Carolinas, LLC
Catawba Nuclear Station
4800 Concord Road
York, SC 29745-9635

**SUBJECT: CATAWBA NUCLEAR STATION - NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION**

Dear Mr. Henderson:

During the week of March 16 – 20, 2014, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at Catawba Nuclear Station, Units 1 and 2 (NRC Inspection Procedures (IPs) 71124.01, 71124.08, and TI 2800/041). 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 February 23, 2015.

We have discussed the schedule for these inspection activities with your staff, and understand that our regulatory contact for this inspection will be Paul Simbrat. If there are any questions about this inspection or the material requested, please contact the lead inspector, Wade Loo at 404-997-4727, 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 "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 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. 50-413 and 50-414
License Nos. NPF-35 and NPF-52

Enclosure:
Document Request List

cc: Distribution via Listserv

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Sincerely,

/RA/

Brian Bonser, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket Nos. 50-413 and 50-414
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Enclosure:
Document Request List

cc: Distribution via Listserv

DISTRIBUTION:

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PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE

ADAMS: Yes ACCESSION NUMBER: ML14363A040 SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1	RII:DRS/PSB1				
SIGNATURE	WTL	CMD4	BRB1				
NAME	W. Loo	C. Dykes	B. Bonser				
DATE	12/ 23 /2014	12/ 23 /2014	12/ 23 /2014				
E-MAIL COPY	YES NO	YES NO	YES NO				

OFFICIAL RECORD COPY

Document Request List

Inspection Dates: March 16 – 20, 2015

Documents Due to Region II by: February 23, 2015

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
TI 2800/041	Title 10 CFR Part 37 Materials Security Review – At Facilities with a Title 10 CFR Part 73 Physical Protection Program

Lead Inspector: Wade Loo
Sr. Health Physicist
US NRC Region II
404-997-4727
Wade.Loo@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 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 (CAP) procedure

71124.01 Radiological Hazard Assessment and Exposure Controls

1. List of outage Radiation Work Permits (RWPs)
2. Timeline of major outage activities (e.g., Gantt chart or similar list)
3. Procedures related to health physics (HP) controls (e.g., Posting, labeling, surveys, 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, etc.)
4. Procedures related to release of personnel and materials (e.g., release surveys, decontamination, guidance for alarm followup, etc.)
5. List of Nationally Tracked Sources and any change-of-ownership transactions
6. Most recent sealed source inventory record
7. List of all non-fuel items stored in spent fuel pool

Enclosure

8. Most recent self-assessment or audit covering HP controls
9. LIST of problem investigation process (PIPs) related to HP controls (e.g., radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, radiation survey problems, electronic dosimeter (ED) alarms, etc.) issued since June 2014. *[This should be a list of corrective action documents containing a PIP number and brief description, not full PIPs.]*

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 September 2013 (shipping logs)
5. List of all changes made to solid and liquid radwaste processing systems since September 2013
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 PIPs related to shipping, radwaste processing, or RAM storage since September 2013. *[This should be a list of corrective action documents containing a PIP number and brief description, not full PIPs.]*
10. Training records for all individuals qualified to ship RAM/waste demonstrating the requirements of 49 CFR 172 Subpart H (HAZMAT training) have been met. *[This information can be reviewed onsite rather than included with the submittal because it may contain Personally Identifiable Information.]*

Temporary Instruction 2800/041 - Title 10 of the Code of Federal Regulations Part 37 Materials Security Review – At Facilities with a Title 10 of the Code of Federal Regulations Part 73 Physical Protection Program

The following should be available for review during the onsite inspection:

1. Procedures related to 10 CFR Part 37 Implementation
2. 10 CFR Part 37 Plan
3. Other documents needed have been requested in the previous procedures that are related to the inspection of the Temporary Instruction (TI)