



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

January 23, 2017

Mr. Steven D. Capps
Duke Energy Carolinas, LLC
McGuire Nuclear Station
12700 Hagers Ferry Road
Huntersville, NC 28078

**SUBJECT: WILLIAM B. McGUIRE NUCLEAR PLANT – NOTIFICATION OF INSPECTION
AND REQUEST FOR INFORMATION**

Dear Mr. Capps,

During the week of April 3 - 7, 2017, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at the McGuire Nuclear Station (NRC Inspection Procedure 71124.01).

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 have enclosed a request for 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 10, 2017.

We have discussed the schedule for these inspection activities with your staff, and understand that our regulatory contact for this inspection will be Brian Richards, Licensing Specialist, of your organization. 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 "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 R. Bonser, Chief
Plant Support Branch 1
Division of Reactor Safety

Docket Nos. 50-369 and 50-370
License Nos. NPF-9 and NPF-17

Enclosure:
Pre-Inspection Document Request

cc: Distribution via Listserv

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Sincerely,

/RA/

Brian R. Bonser, Chief
 Plant Support Branch 1
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(*) see previous page for concurrence

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

OFFICE	RII:DRS	RII:DRS					
SIGNATURE	WTL *	GJM1 FOR BRB1 *					
NAME	WLOO	BBONSER					
DATE	1/23/2017	1/24/2017	1/ /2017	1/ /2017	1/ /2017	1/ /2017	1/ /2017
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRS\IPSB1\RFI INFORMATION REQUEST
 LETTERS\MCGUIRE\2017\MCGUIRE RP RFI COVER LTR 2017 001.DOCX

Pre-Inspection Document Request

Occupational and Public Radiation Safety Cornerstone

Inspection Dates: April 3 – 7, 2017

Documents Due to Region II by: March 10, 2017

Licensee: McGuire Nuclear Station

Docket Number: 05000369, 370

Inspection Procedure: IP 71124.01 Radiological Hazard Assessment and Exposure Controls

Lead Inspector: Wade Loo, Sr. Health Physicist

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, Wade Loo at (404) 997-4727.

Miscellaneous

1. List of primary contacts for each inspection area including names and telephone numbers
2. Plant Management, Radiation Protection, and Chemistry organizational charts w/ contact numbers.
3. List of radiation protection procedures, including title and number.
4. Corrective action program (CAP) procedures

71124.01 - Radiological Hazard Assessment and Exposure Controls

1. List of active Radiation Work Permits (RWPs), including their administrative limits, electronic dosimeter dose rate limit, and dose limit. This list should include associated outage RWPs as well.
2. Timeline of major outage activities (e.g., Gantt chart or similar list).
3. List of locations, or plant maps indicating the location, of all LHRA and VHRA. Include areas with the potential to become a LHRA during routine operations or outages.
4. Most recent survey of Independent Spent Fuel Storage Installation (ISFSI) areas.
5. Most recent survey of all Locked HRAs and VHRA (as applicable).
6. Procedures related to 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.).

Enclosure

7. Procedures related to release of personnel and materials (e.g. release surveys, decontamination, guidance for alarm follow up, etc.).
8. List of Nationally Tracked Sources, change of ownership and copies of any National Source Tracking System (NSTS) transaction documentation (e.g., annual reconciliation).
9. Most recent sealed source inventory record.
10. List of all non-fuel items stored in spent fuel pool.
11. All self-assessments and audits covering HP controls since April 1, 2016.
12. List of CAP nonconformance reports (AR, CR, NCR, etc.) related to HP controls (e.g. keyword searches for radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems, etc.) issued since April 1, 2016. This should include CAP nonconformance reports where the cause was listed as human performance. *This should be a list of corrective action documents containing an (AR, CR, NCR, etc.) number and brief description, not full documents.*
13. All CAP nonconformance reports (AR, CR, NCR, etc.) related to Nationally Tracked Sources since April 1, 2016.

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, and audio/visual surveillance for remote job coverage
- Health physics assistance in plant walk-downs assessing access controls, e.g. verifying the posting and locking of entrances to high and very high radiation areas (HRA and VHRA), and SFP controls.
- Health physics assistance in plant walk-downs/job coverage of ongoing activities to assess access controls.

Inspector Contact Information:

Wade Loo
 Sr. Health Physicist
 US NRC Region II
 (404) 997-4727
wade.loo@nrc.gov

Mailing Address:

U.S. Nuclear Regulatory Commission
 Region II
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 Suite 1200
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