



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

November 30, 2015

Richard M. Glover
Site Vice President
H.B. Robinson Steam Electric Plant
Duke Energy
3581 West Entrance Road, RNPA01
Hartsville, SC 29550

**SUBJECT: H.B. ROBINSON NUCLEAR PLANT - NOTIFICATION OF INSPECTION AND
REQUEST FOR INFORMATION**

Dear Mr. Glover:

During the week of January 25–29, 2016, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at the Robinson Nuclear Plant (NRC Inspection Procedures 71124.06, 71124.07, and Radiation Safety Sections 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 January 8, 2016.

We have discussed the schedule for these inspection activities with your staff, and understand that our regulatory contact for this inspection will be Scott Connelly 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 Chief of Plant Support Branch 1, Brian Bonser at 404-997-4653.

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 3150-0135, 3150-0044, 3150-0014, 3150-0011, and 3150-0008. 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.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding" of the 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>.

Sincerely,

/RA by Scot Shaeffer Acting for/

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

Docket No. 50-261
License No. DPR-23

Enclosure:
Pre-Inspection Request List

cc: Distribution via Listserv

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Pre-Inspection Request List

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PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE

ADAMS: Yes ACCESSION NUMBER: ML15335A098 SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1					
SIGNATURE	WTL	SMS for BRB1					
NAME	W. Loo	B. Bonser					
DATE	11/ 30 /2015	11/ 30 /2015					
E-MAIL COPY	YES NO	YES NO					

OFFICIAL RECORD COPY

Pre-Inspection Request List

Inspection Dates: January 25–29, 2016

Documents Due to Region II by: January 8, 2016

Inspection Procedures (IPs):

IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment
IP 71124.07	Radiological Environmental Monitoring Program
IP 71151	Performance Indicator Verification

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, 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
3. Most recent 10 CFR Part 61 results for the dry active waste (DAW) stream
4. Procedure for gathering and reporting NRC performance indicator (PI) data

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

1. Offsite Dose Calculation Manual (ODCM) and a list of changes made in the last revision.
2. List of permitted effluent release points, including any release points from onsite surface water bodies (as applicable).
3. Procedures for:
 - (a) collection, analysis, release, and dose evaluations for gaseous and liquid effluents
 - (b) groundwater monitoring program
4. List of changes made to radioactive effluent processing/discharge systems since May 2013.
5. List of any non-radioactive systems that have become contaminated since May 2013.
6. List of any unmonitored, unplanned, or otherwise abnormal gaseous or liquid releases since May 2013. Include copies of any reports to the NRC (via 10 CFR 50.72 or other reporting requirements) regarding abnormal onsite spills/leaks of radioactive material (RAM).
7. List of 10 CFR 50.75(g) entries made since May 2013.
8. List of liquid and gaseous effluent monitors listed as out-of-service for > 1 day since May 2013, including any special reports submitted to the NRC as a result of effluent monitor operability.
9. Inter-laboratory comparison program results (for onsite count lab) since May 2013.
10. Results of the last two surveillance tests performed on the HEPA/Charcoal filter system for the Auxiliary Building vent.
11. The last two gaseous effluent release permits, and the last two liquid effluent release permits.
12. All audits, self-assessments, and/or reviews of the radioactive effluent monitoring program since May 2013.

Enclosure

13. List of Condition Reports (CRs)/Problem Evaluation Reports (PERs) generated since May 2013 as a result of gaseous and liquid effluent processing, and/or ODCM related activities. Include all CRs/PERs related to voluntary reporting of onsite spills/leaks of RAM. *[This should be a list of corrective action documents containing an action request (AR) number and brief description, not full CRs/PERs.]*

71124.07 - Radiological Environmental Monitoring Program

1. Collection schedule for Radiological Environmental Monitoring Program (REMP) samples during the week of inspection and contact numbers for collection staff.
2. Procedures for:
 - (a) collection and analysis of environmental samples
 - (b) calibration and maintenance of REMP air and/or water samplers
 - (c) calibration of meteorological monitoring instruments (wind speed and direction, air temperature, etc.)
 - (d) periodic meteorological instrumentation surveillance requirements
3. Calibration records for REMP air and water sampling equipment (as applicable) since May 2013.
4. Last two calibration records for each meteorological monitoring instrument on the primary tower (wind speed, wind direction, and air temperature).
5. Inter-laboratory comparison program results (environmental lab) since May 2013.
6. List of systems, structures, or components, identified as credible mechanisms for the potential release of licensed material to the groundwater.
7. List of changes to the REMP (sample locations, sample frequency, type of samples, etc.) since May 2013.
8. All audits, self-assessments, and/or reviews of REMP activities since May 2013. The data should include any reviews conducted of vendor activities and their facilities (e.g., environmental lab).
9. List of CRs/PERs generated as a result of REMP activities since May 2013. *[This should be a list of corrective action documents containing an AR number and brief description, not full CRs/PERs.]*

71151 – Performance Indicator Verification (Occupational and Public Cornerstones)

1. Procedure for gathering and reporting PI data.
2. List of all CRs/PERs related to effluent dose/ODCM issues since May 1, 2015. *[This should be a list of corrective action documents containing an AR number and brief description, not full CRs/PERs.]*
3. LIST of all CRs/PERs related to locked high radiation area/very high radiation area issues, or significant (>100 mrem) unintended doses since May 1, 2015. *[This should be a list of corrective action documents containing an AR number and brief description, not full CRs/PERs.]*
4. Most recent gaseous and liquid effluent release permits showing year-to-date doses to the public.
5. 2014 Annual Radioactive Effluent Report OR an end-of-year public dose report, if the official Effluent Report is not ready yet.
6. LIST of electronic dosimeter alarms (dose and dose rate) since May 1, 2015.

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
ATTN: Mr. Wade Loo
245 Peachtree Center Ave., N.E
Suite 1200
Atlanta, GA 30303

LIST OF ACROYNMS

ARs	Action Requests
CRs	Condition Reports
DAW	Dry Active Waste
ODCM	Offsite Dose Calculation Manual
PERs	Problem Evaluation Reports
PI	Performance Indicator
RAM	Radioactive Material
REMP	Radiological Environmental Monitor Program