

From: [Jonathan Rivera](#)
To: [Ellis, Troy V](#)
Cc: [Stewart, Winston O](#); [Jose Diaz](#); [Adam Nielsen](#); [Jack Bell](#)
Subject: Document request letter for upcoming Robinson RP inspection.
Date: Wednesday, June 18, 2025 12:53:45 PM
Attachments: Robinson 2025-003 RP Inspection_Document Request Letter.pdf
image001.png

Good afternoon Troy,

Please find attached the document request letter for our upcoming RP inspection at Robinson. We are requesting documentation by July 18, 2025. Feel free to reach out to me with any questions.

Thanks,
Jonathan

Jonathan Rivera

Health Physicist

Radiological Safety Branch (RSB)

Division of Fuels, Radiological Safety, & Security (DFRSS)

U.S. Nuclear Regulatory Commissions - Region II

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Robinson Nuclear Plant
Radiation Safety Baseline Inspection
Initial Information Request

Inspection Report: 050-00261 / 2025-003

During the week of July 28 – August 1, 2025, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at Robinson Nuclear Plant (NRC Inspection Procedures 71124.01, 71124.06, 71124.07, 71124.08, and 71151).

To minimize the impact to your onsite resources during the inspection and ensure the inspectors have the necessary information to complete the inspection while on site, 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 July 18, 2025.

If there are any questions about this inspection or the material requested, please contact the lead inspector, Jonathan Rivera at 404-997-4646, or the Acting Radiological Safety Branch Chief, Adam Nielsen at 404-997-4660.

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 letter contains voluntary information collections that are subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). The Office of Management and Budget (OMB) approved these information collections (approval number 3150-0011). The burden to the public for these information collections is estimated to average 28 hours per response. Send comments regarding this information collection to the FOIA, Library and Information Collection Branch, Office of the Chief Information Officer, Mail Stop: T6-A10M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0011) OMB, Washington, DC 20503.

Public Protection Notification

The NRC may not conduct nor 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 OMB control number.

Document Request List
Occupational and Public Radiation Safety Cornerstones

Licensing Contact: Troy V. Ellis; Regulatory Affairs; 843-951-1335; troy.ellis@duke-energy.com

Inspection Dates: July 28 – August 1, 2025

Documents Due By: July 18, 2025

NRC Inspection Procedures (IPs):

- 71124.01 - Radiological Hazard Assessment and Exposure Controls
- 71124.06 – Radioactive Gaseous and Liquid Effluent Treatment
- 71124.07 – Radiological Environmental Monitoring Program
- 71124.08 - Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation
- 71151 - Performance Indicator Verification (Occupational and Public Radiation Safety Cornerstones)

Note: Please provide the current version of these documents in an electronic format if possible (The preferred file format is MSWord, or searchable “.pdf” files). To the extent possible, please organize the information in directories as requested below and if possible, use a descriptive name for the files provided. Recent experience has demonstrated the most efficient method to transfer this information to the NRC is via CERTREC. If there are questions regarding the documents requested, or method of transfer, please do not hesitate to contact the lead inspector.

Miscellaneous

1. List of primary contacts with phone numbers for each of the inspection areas below.
2. Corrective action program procedure(s).
3. Latest revision of the Offsite Dose Calculation Manual (ODCM).
3. Most recent self-assessments or audits performed for each of the inspection areas below.

IP 71124.01 - Radiological Hazard Assessment and Exposure Controls

1. 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, etc).
2. Procedures related to the release of personnel and materials (e.g. release surveys, decontamination, guidance for alarm follow-up, etc).
3. List of locations, or plant maps indicating the location, of LHRAs and VHRAs. Include areas with the potential to become a LHRA during routine operations or outages.
4. List of all non-fuel items stored in the spent fuel pool.
5. Most recent plant beta-gamma and alpha radiation characterization report.

6. Outage ALARA report from the most recent refueling outage.
7. ALARA planning packages for the top 3 highest dose jobs from the most recent refueling outage.
8. List of condition reports (CRs) generated since December 10, 2024 related to RP controls (e.g. radworker error, RP technician error, ALARA issues, posting issues, HRA/LHRA/VHRA issues, survey issues, personnel contamination events, etc). *This should be a list of corrective action documents containing a CR number and a brief description, not full CRs.*

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

1. Procedures for collection, analysis, release, and dose evaluations for gaseous and liquid effluents.
2. List of “out of service” (OOS) ODCM effluent instrumentation and related equipment that required compensatory actions since May 1, 2021 (*include component name/identifier and OOS dates*).
3. The last two gaseous effluent release permits and the last two liquid effluent release permits.
4. List of CRs generated since May 1, 2021, as a result of gaseous and liquid effluent processing and/or ODCM related activities, including abnormal releases. *This should be a list of corrective action documents containing a CR number and a brief description, not full CRs.*

71124.07 - Radiological Environmental Monitoring Program

1. Collection schedule for REMP samples during the week of inspection and contact numbers for collection staff.
2. Procedures for collection and analysis of environmental samples, calibration and maintenance of REMP air and water samplers, and calibration of meteorological monitoring instruments.
3. The last two calibration records for each REMP air and water sampler (as applicable).
4. The last two calibration records for each meteorological monitoring instrument on the primary tower (wind speed, wind direction, and air temperature).
5. Primary meteorological tower “data recovery” results for 2021, 2022, 2023, and 2024.
6. Most recent inter-laboratory comparison results for the lab used to analyze REMP samples.
7. List of systems, structures, and components (SSCs), identified as credible mechanisms for the potential release of licensed material to the groundwater (including risk-ranking).
8. List of any non-radioactive systems that have become contaminated since May 1, 2021.
9. Copies of any reports to the NRC (via ODCM, 10CFR50.72, or any other reporting requirements) due to effluent/REMP/groundwater issues since May 1, 2021.
10. List of 10 CFR 50.75(g) entries made since May 1, 2021.
11. Recent results of the groundwater monitoring program (at least the last two quarters).

12. List of CRs generated since May 1, 2021 as a result of REMP and groundwater protection activities, including issues with environmental TLDs, air samplers, water samplers, meteorological tower, and collection and analysis of groundwater, vegetation, water, fish, milk, and sediment samples. *This should be a list of corrective action documents containing a CR number and a brief description, not full CRs.*

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

1. Procedures for solid and liquid radwaste processing, including transferring of radioactive waste resin and sludge into shipping containers, waste stream mixing and sampling, waste concentration averaging, calculation and use of scaling factors to account for difficult-to-measure radionuclides, and loading, closing, and shipping of casks.
2. List of radioactive material (RAM) storage areas, including satellite radiologically controlled areas (RCAs).
3. Simplified liquid and solid radwaste system diagrams (e.g., information that might be contained in curricula for training new system engineers).
4. Most recent radio-chemical sample analysis results (i.e., "10 CFR Part 61" analysis) for each of the radioactive waste streams (e.g., dry active waste (DAW), ion exchange resins, mechanical filters, and sludges and activated materials).
5. List of any changes made to the radioactive liquid and solid waste processing systems since July 1, 2023.
6. Log of RAM shipments (LSA I, II, III; SCO I, II, Type A, or Type B) since July 1, 2023.
7. List of CRs generated since July 1, 2023 as a result of radwaste processing and shipping activities, including issues with Type A and Type B shipments, shipping papers, SCO and LSA material, DOT, Part 73, Cat 1 and 2 material, Part 37, resins, DAW, 49 CFR, scaling factors, RADMAN, solid waste processing, and radioactive material handling, storage, and transportation. *This should be a list of corrective action documents containing a CR number and a brief description, not full CRs.*

IP 71151 – Performance Indicator Verification (Occupational and Public Cornerstones)

1. Procedures for gathering and reporting NRC performance indicator data.
2. List of electronic dosimeter alarms (dose and dose rate) since December 10, 2024.