

From: [Nielsen, Adam](#)
To: ["Garner, Justin Keith"](#)
Cc: [Dykes, Carmen](#); [Rivera, Jonathan](#)
Subject: RP Inspection Document Request, Browns Ferry 2020-003
Date: Wednesday, May 27, 2020 3:07:00 PM
Attachments: [BF 2020-03 RP doc request.pdf](#)

The document request is attached. We would like the documents to us by June 29th if possible. Electronically via Certrec works, but whatever form is most convenient for you we will work with.

Please call me if you have any questions.

Thanks,
Adam Nielsen
Sr. Health Physicist
US NRC Region II
(404) 997-4660 office

Browns Ferry Nuclear Plant
Radiation Safety Baseline Inspection
Initial Information Request
Inspection Report: 2020003

During the week of July 6 – 10, 2020, the NRC will perform a baseline Radiation Safety Inspection at the Browns Ferry Nuclear Plant (NRC Inspection Procedures 71124.06, 71124.07, 71124.08, and 71151).

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 are requesting in advance 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 June 29, 2020.

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 Engineering Branch 3 Chief, Binoy Desai at 404-997-4519.

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 document 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.

PUBLIC PROTECTION NOTIFICATION

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.

Document Request List

Inspection Dates: July 6 – 10, 2020

Documents Due to Region II by: June 29, 2020

Inspection Procedures:	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment
	IP 71124.07	Radiological Environmental Monitoring Program (REMP)
	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation
	IP 71151	Performance Indicator Verification (Public Radiation Safety Cornerstone Only)

Lead Inspector: Adam Nielsen
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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. 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)
3. Procedures for gathering and reporting NRC Performance Indicator (PI) data, including any applicable “desktop guides”.
4. Most recent version of the Offsite Dose Calculation Manual (ODCM).

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) time periods for any effluent monitors that required compensatory sampling since June 23, 2018.
3. The last two gaseous effluent release permits and the last two liquid effluent release permits
4. Most recent audit, self-assessment, and/or review of the radioactive effluent monitoring program
5. List of CRs generated since June 23, 2018, as a result of gaseous and liquid effluent processing and/or ODCM related activities. *This should be a list of corrective action documents containing a CR number and brief description, not full CRs*

71124.07 - Radiological Environmental Monitoring Program (REMP)

1. Collection schedule for 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
3. The last two calibration records for REMP air and water sampling equipment (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. Most recent inter-laboratory comparison program results (environmental lab)
6. List of systems, structures, or components (SSCs), identified as credible mechanisms for the potential release of licensed material to the groundwater. Please include risk-ranking of the SSCs, as applicable.
7. List of any non-radioactive systems that have become contaminated since June 23, 2018.
8. Copies of any reports to the NRC (via 10CFR50.72 or other reporting requirements) regarding abnormal onsite spills/leaks of radioactive material since June 23, 2018.
9. List of 10 CFR 50.75(g) entries made since June 23, 2018.
10. Recent results of the groundwater monitoring program (at least the last two quarters)
11. Most recent audit, self-assessment, and/or review of REMP activities
12. Most recent audit of lab used to process REMP samples
13. List of CRs generated as a result of REMP activities since June 23, 2018. Include all CRs related to voluntary reporting of onsite spills/leaks of radioactive material. *This should be a list of corrective action documents containing a CR number and brief description, not full CRs.*

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

1. All procedures related to transportation of radioactive material/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 RAM/Radwaste shipments made since March 3, 2018 (shipping logs)
5. List of all changes made to solid and liquid radwaste processing systems since March 3, 2018
6. List of all abandoned-in-place 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 condition reports related to shipping, radwaste processing, or RAM storage since March 3, 2018. *This should be a list of corrective action documents containing a number and brief description, not full condition reports.*