

**Nielsen, Adam**

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**From:** Nielsen, Adam  
**Sent:** Wednesday, April 25, 2018 3:17 PM  
**To:** 'thomas.sherrill@duke-energy.com'  
**Cc:** Grzeck, Lee (Lee.Grzeck@duke-energy.com); Loo, Wade; Panfel, Jacob  
**Subject:** Document request for upcoming RP inspection  
**Attachments:** BRU\_2018-02\_RP\_doc\_request.pdf

The request is attached. Please contact myself or Wade Loo if you have any questions. I was assigned to another inspection, so I won't be on this one. It will be Wade Loo and Jacob Panfel.

Please forward the request to applicable groups (probably chemistry/environmental).

Thanks,  
Adam  
(404) 997-4660

Brunswick Steam Electric Plant  
Radiation Safety Baseline Inspection  
Initial Information Request  
Inspection Report: 2018002

During the week of June 4 – 8, 2018, the NRC will perform a baseline Radiation Safety Inspection at the Brunswick Steam Electric Plant (NRC Inspection Procedures 71124.06, 71124.07, 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 May 23, 2018.

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," 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>.

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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: June 4 – 8, 2018

Documents Due to Region II by: May 23, 2018

Inspection Procedures:	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment
	IP 71124.07	Radiological Environmental Monitoring Program (REMP)
	IP 71151	Performance Indicator Verification (Public Radiation Safety Cornerstone Only)

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 procedure(s)
3. Procedures for gathering and reporting NRC Performance Indicator (PI) data.
4. Most recent version of the Offsite Dose Calculation Manual (ODCM).
5. Previous version of the 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 changes made to radioactive effluent processing/discharge systems since May 27, 2016
3. List of “out of service” (OOS) time periods for any effluent monitors that required compensatory sampling since May 27, 2016.
4. The last two calibration records for the following effluent monitors:
  - o Main Stack Radiation Monitoring System (all detectors, all ranges)
  - o Liquid Radwaste Discharge Monitor
  - o U1 Reactor Building Ventilation Monitor (low-range PING system)
  - o U1 Reactor Building Ventilation Monitor (high-range gross gamma GM-tubes)
5. Certificates for the radioactive sources used to calibrate the detectors in item 5.
6. The last two calibrations of the Main Stack flow monitoring instrumentation

7. The last two surveillances (in-place filter tests and charcoal tests) performed on the Unit 1 Augmented Off-gas System
8. The last two gaseous effluent release permits and the last two liquid effluent release permits
9. Most recent audit, self-assessment, and/or review of the radioactive effluent monitoring program
10. List of CRs generated since May 27, 2016, 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 (wind speed & direction, air temperature, etc.)
  - d) periodic meteorological instrumentation surveillance requirements
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 instruments used to count REMP samples (environmental lab). Instruments will be selected from this list for review of their QC charts/trending reports.
7. 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.
8. List of any non-radioactive systems that have become contaminated since May 27, 2016.
9. Copies of any reports to the NRC (via 10CFR50.72 or other reporting requirements) regarding abnormal onsite spills/leaks of radioactive material since May 27, 2016.
10. List of 10 CFR 50.75(g) entries made since May 27, 2016.
11. Recent results of the groundwater monitoring program (at least the last two quarters)
12. Most recent audit, self-assessment, and/or review of REMP activities
13. Most recent audit of lab used to process REMP samples
14. List of CRs generated as a result of REMP activities since May 27, 2016. 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*