

From: [Pursley, William](#)
To: [Zelie, Alan Joseph](#); [Love, James Eduardo](#)
Cc: [Foskey, Colleen](#); [Collins, Carl James](#)
Bcc: [Bonser, Brian](#); [Dykes, Carmen](#); [Kellner, Bob](#)
Subject: Plant Hatch NRC RP Baseline Inspection Document Request
Date: Thursday, December 19, 2019 11:01:00 AM
Attachments: [HAT RP 2020001 Baseline Doc Request.pdf](#)

Gentlemen. Attached is the information request for the upcoming NRC RP Baseline inspection to be conducted the week of February 10, 2020. I have already spoken with Colleen and Jimmy. The two NRC inspectors are myself and Jose Diaz barring any unforeseen changes. The inspection will be documented in the resident inspector's 1st quarter report.

Please let me know that you received this request via phone or email. Also, if you have any questions or need clarification on any of the information requested, do not hesitate to contact me.

If the information is put into one large "Zip" file on Certrec, we can access and download all the files using Certrec fairly easily. If you have any questions, give me a call.

Regards,

Bill

William Pursley
USNRC RII Health Physicist
404 997-4517

E. I. Hatch Nuclear Plant
Radiation Safety Baseline Inspection
Initial Information Request
Inspection Report: 2020001

During the week of February 10 - 14, 2020, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at the Hatch Nuclear Plant (NRC Inspection Procedures 71124.01, 71124.08 & 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 February 3, 2020.

If there are any questions about this inspection or the material requested, please contact the lead inspector, William Pursley at 404-997-4517, 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>.

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

Occupational and Public Radiation Safety Cornerstones

Licensee: E.I. Hatch Nuclear Plant

Docket Number: 05000321, 366

Inspection Dates: February 10 – 14, 2020

Documents Due to Region II by: February 3, 2020

Inspection Procedures (IPs): 71124.01	Radiological Hazard Assessment and Exposure Controls
71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage and Transportation
71151	Performance Indicators (Occupational Cornerstone only)

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. Recent experience has demonstrated that Certrac is the most efficient method to transfer this information to the NRC. ~~is via Certrac.~~ It is best to upload all the requested information in one large “zip” file. If there are questions regarding the documents requested, or method of transfer, please do not hesitate to contact the lead inspector.

Documents requested for IPs 71124.01 and 71151 should be from January 1, 2019. Documentation for IP 71124.08 should be from January 31, 2018. These dates are approximate to the last time these inspections were conducted.

If you have any questions, please call William Pursley at (404) 997-4517. Thank you in advance for your effort in putting together this material.

General and Miscellaneous Information

- List of primary site contact(s) for each inspection area including name(s) and telephone numbers.
- Corrective Action Program procedures.
- Plant Management and Radiation Protection organizational charts w/ contact numbers.
- Internal and external assessments and audits of the RP program since 2017 (excluding INPO).

71124.01 - Radiological Hazard Assessment and Exposure Controls

1. List of active Radiation Work Permits (RWPs), including outage RWPs, with their administrative limits, electronic dosimeter dose rate limit, and dose limit.
2. 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.).

3. Procedures for personnel monitoring requirements including TLD placement and multi-badging.
4. Procedures related to release of personnel and materials (e.g. release surveys, decontamination, guidance for alarm follow up, etc.).
5. List of locations, or plant maps indicating the location, of all LHRAs and VHRAs. Include areas with the potential to become a LHRA during routine operations or outages.
6. Most recent survey of all Locked HRAs and VHRAs (as applicable).
7. List of Nationally Tracked Sources, change of owner ship and copies of any National Source Tracking System transaction documentation.
8. Most recent sealed source inventory record.
9. List of all non-fuel items stored in spent fuel pool.
10. List of Corrective Action non-conformance documents (e.g. NCRs, CRs, etc.) related to HP controls where the cause was listed as human performance (radworker error) or human performance (HP technician error). *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. Procedures for the following:
 - Solid and liquid radwaste processing.
 - Transfer of radioactive waste resin and sludge discharges into shipping/disposal containers.
 - Waste stream sampling procedures, including: (1) waste concentration averaging; (2) use of scaling factors and calculations used to account for difficult-to-measure radionuclides; and (3) ensuring waste stream composition data accounts for changing operational parameters.
 - Shipping/transportation procedures.
 - Cask loading and closure procedures (licensee and vendor) applicable to last three cask transports.
 - List of radioactive material (RAM) storage areas, including satellite radiological controlled areas (RCAs).
 - Monitoring impact of long-term storage (e.g., buildup of gases produced by waste decomposition, chemical reactions, container deformation).
 - Process Control Program (PCP).
2. Most recent radio-chemical sample analysis results (i.e., 10 CFR Part 61 analysis) for each of the identified radioactive waste streams (e.g., dry active waste (DAW), ion exchange resins, mechanical filters, and sludges and activated materials)
3. List and documentation of any changes made to the radioactive waste processing systems (liquid and solid) and/or the PCP since January 2018 and associated 10 CFR 50.59 documentation, as appropriate.
4. Copies of applicable transport cask Certificate of Compliance for the last three transport cask shipments.
5. Training and qualification records for personnel responsible for radioactive waste processing and RAM shipment preparation activities.
6. Log of RAM shipments (LSA I, II, III; SCO I, II, Type A, or Type B) for 2018 and 2019. (The inspectors will select 3-5 packages to review in detail.)
7. List of corrective action reports generated since 2017, involving radioactive waste and RAM/waste transportation.

8. Available for onsite review during the inspection:
 - Site drawing(s) showing the location of all stored RAMs and all stored radioactive waste.
 - Plant drawings adequate to permit the inspector to walkdown the liquid and solid radioactive waste processing systems, to verify current system configuration/operation agree with the descriptions contained in the Updated Final Safety Analysis Report, and in the PCP.
 - Documentation describing the status of any radioactive waste process equipment that is not operational, and/or is abandoned in place.
 - Information concerning the site's waste disposal volume and waste reduction program.
 - Training curriculum and primary lesson plans for qualifying persons, including vendors, for radwaste processing, packaging, and making shipments of RAMs and radioactive waste as specified by 49 CFR Part 172. Liquid and solid radwaste system diagrams and detailed system descriptions (e.g., information that might be contained in curricula for training new system engineers).

71151 – Performance Indicator (PI) Verification

1. Monthly/Quarterly PI reports for 2019
2. List of all corrective action documents since 2018 using keywords such as: HRA, LHRA, VHRA, unintended dose, unlocked door, etc.
3. List of all electronic dosimeter (ED) dose rate alarms and ED dose alarms since 2018 (please include dose or dose rate alarm received, and setpoints).

Assistance Requested During On-Site Inspection

- Identification of work activities as they arise 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.
- Notification of any shipments of radioactive material during inspection for observation.

Lead Inspector Contact Information:

William Pursley
 (404) 997-4517
William.Pursley@nrc.gov

Mailing Address

US Nuclear Regulatory Commission,
 Region II
 ATTN: William Pursley
 245 Peachtree Center Ave., NE
 Suite 1200
 Atlanta, GA 30303