

From: [Timothy Sippel](#)
To: [Love, Barry](#); [Schwarz, Chris](#); "Rickman, Jim"
Cc: [Leonard Pitts](#); [Michael Greenleaf](#); [Myla Ruffin](#); [Lindsey Cooke](#)
Subject: December 12 NCS-PMT Inspection
Date: Friday, November 04, 2022 9:17:00 AM
Attachments: [2022-004 NCS PMT Doc Request.docx](#)

Chris, Barry, Jim,

The U.S. Nuclear Regulatory Commission (NRC) Region II staff will conduct a nuclear criticality safety (NCS) and plant modifications (triennial) (PMT) inspection at your facility during the week of December 12, 2022. The inspection will focus on the core inspection procedures described in Inspection Manual Chapter 2600; and will use Inspection Procedures 88015, "Nuclear Criticality Safety" and 88072, "Plant Modifications (Triennial)." The inspectors will be myself (for NCS) and Leonard Pitts, Myla Ruffin, and Lindsey Cooke (for PMT), with Michael Greenleaf accompanying us. Please confirm if our eroom access, training and other site access requirements are up-to-date or if we need to do anything ahead of time to enable us to get on-site smoothly.

I have attached a request for documents needed for this inspection. It is important that all of these documents are up to date, complete, and ready for the inspectors upon arrival at the facility. If possible, an entrance meeting should be scheduled for 15:00 on Monday the 12th, with an exit meeting at 16:00 on Thursday the 15th. If there are any questions about this inspection or the material requested, particularly if the you find the request unclear or unduly burdensome, please contact myself or Leonard Pitts, the team lead, by email, or at 404-997-4525 and 404-997-4708, respectively.

Thank you. – Tim.

**NUCLEAR CRITICALITY SAFETY
PLANT MODIFICATIONS (TRIENNIAL)
INSPECTION DOCUMENT REQUEST**

SITE: URENCO

INSPECTION REPORT NUMBER: 2022-004

PRE-INSPECTION VISIT:

NA

INSPECTION DATES:

December 12 – 15, 2022

NRC INSPECTORS:

Lead: Leonard Pitts
Timothy Sippel
Lindsey Cooke
Myla Ruffin

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Lindsey.Cooke@nrc.gov
Myla.Ruffin@nrc.gov

ACCOMPANYING PERSONNEL:

Michael Greenleaf

Michael.Greenleaf@nrc.gov

IDENTIFIED LICENSEE CONTACTS:

Licensing: Chris Schwarz, Jim Rickman, John Pfabe
NCS: Quentin Newell
Engineering: Daniel Lemmons

This is a broad list of the documents the NRC inspectors will be interested in obtaining and reviewing during the inspection visit. The current version of these documents is expected unless specified otherwise. The lead inspector can answer questions regarding specific information needs with licensee staff and may request additional documents.

DOCUMENTATION REQUESTED

1. General Information Requested for In-Office Preparation

- a. ISA Summary
- b. QAPD
- c. SAR
- d. Emergency Plan
- e. Engineering/Configuration Management Organization Chart
- f. List of Engineers and their assigned systems for the GEVS
- g. A list of plant modifications program related procedures including any for development and implementation of post modification testing
- h. The focus of the PMT inspection will be the GEVS and any modifications to the GEVS since the installation of that portion of the GEVS
- i. A list of any GEVS design issues (including open/deferred or canceled items)
- j. A list of current temporary modifications and operator workarounds associated with the GEVS
- k. A list of Boundary Definition Documents and ORMs for GEVS related IROFS

2. Information Requested for NCS Inspection (IP 88015)

- a. A list of NCS-related Corrective Action Program entries since the last NCS inspection in April; including any CAAS-related entries
- b. Any new or revised NCS procedures since the last NCS inspection
- c. NCS training material for operators and logistics personnel
- d. A list of qualified operators and logistics personnel
- e. Any audits or self-assessments performed by or of NCS since the last NCS inspection
- f. Records of NCS walkdowns since the last NCS inspection, schedule for walkdowns, procedure(s) governing walkdowns
- g. A list of the nuclear criticality safety evaluations/analyses, SBD Verification forms and Nuclear Safety Releases that have been issued, revised or implemented since the last NCS inspection
- h. Qualification records for in-training or recently qualified NCS engineers
- i. Information available for the past spills on March 3, 2016 (EV 111023), April 14, 2016 (EV 1129221), August 4, 2016 (EV 113877), December 7, 2016 (EV 116283), February 23, 2017 (EV 117238), November 24, 2019 (EV 136211), November 29, 2021 (EV 148894), February 28, 2022 (EV 149668), and April 14, 2022 (EV 151253); such as the quantity of material involved in the spills, if known, the volume of the spill, the material involved.

3. Information Requested for PMT Inspection (IP 88072)

- a. Provide the following documents for the GEVS:
 - Piping and Instrument diagrams
 - Electrical diagrams
 - Process Hazards Analysis (PHA)
 - ISA meeting minutes
 - System descriptions
 - Operations procedures
 - ISA Summary revisions upon request
 - All modifications/changes related to the GEVS
- b. List of condition reports for last 12 months pertaining to PM/engineering program.
- c. List of open condition reports associated with the GEVS

4. Onsite Coordination

- a. Please schedule a general plant tour for Tuesday morning
- b. Sample of records indicating operator completion of required NCS training and specific training material on criticality safety (will select from list provided in item 2.d above)
- c. List of planned CAAS tests; IROFS tests, PMs, or calibrations scheduled for the inspection week; other NCS related activities occurring during the inspection week

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