

**From:** [Sippel, Timothy](#)  
**To:** [Love, Barry](#); [Rickman, Jim](#); [Bixenman, Andrew B.](#)  
**Cc:** [Adkins, Brannen](#); [Cooke, Lindsey](#); [Startz, Paul](#)  
**Subject:** Upcoming 9/13 NCS/TRANS/ENV Inspection  
**Date:** Friday, August 20, 2021 3:16:00 PM  
**Attachments:** [Document Request for 2021-003 NCS, TRANS and ENV.docx](#)

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Hello Barry, Jim, Blake,

Attached is the document request for the upcoming UUSA NCS2/TRANS/ENV inspection scheduled for the week of September 13<sup>th</sup>. Paul Startz and I will be the inspectors. I'm doing NCS (IP 88015) and Paul is doing Transportation (IP 86740). We will both be doing some onsite follow-up from the 2020 ENV inspection (IP 88045) that the NRC was unable to complete last year, Paul has offered to take the lead on that though. We plan to document this inspection in the 2021-003 inspection report.

I'd like to schedule a 14:00 entrance on Monday and a 1600 exit on Thursday. Please ensure that our training and badges are up to date. Also, please let us know if there are any changes related to COVID-19 before the inspection. At this time we're assuming that inspectors still need to be tested the week prior, so as to have a negative test within 14 days of the last day onsite, and are making arrangements on our end.

Please see the attachment for the documents we are requesting and activities we'll need to observe. If you have any questions or if any of the requests are unduly burdensome you may call or email me for clarification or to make alternate arrangements.

Thanks,

Timothy Sippel,  
404-997-4525.

## 2021 UUSA NCS2/TRANS DOCUMENT REQUEST

**SITE:** URENCO USA

**INSPECTION REPORT NUMBER:** 2021-003

**INSPECTION DATES:** Sept 13 - 16, 2021

**NRC INSPECTORS:** Timothy Sippel (Lead)  
Paul Startz

[Timothy.Sippel@nrc.gov](mailto:Timothy.Sippel@nrc.gov)  
[Paul.Startz@nrc.gov](mailto:Paul.Startz@nrc.gov)

**ACCOMPANYING PERSONNEL:** None

### **IDENTIFIED LICENSEE CONTACTS:**

Licensing: Blake Bixenman, Jim Rickman

This is a broad list of the documents the NRC inspectors will be interested in obtaining and reviewing prior to the on-site inspection visit. The current version of these documents is expected unless specified otherwise. Electronic media is preferred, if readily available. Information in the "document lists" should contain enough information to be easily understood by someone who has knowledge of the subject. The lead inspector can answer questions regarding questions on specific information needs with licensee staff and may request additional documents.

### **DOCUMENTATION REQUESTED**

#### **General Information Requested for In-Office Preparation (E-Room)**

- a. ISA Summary
- b. QAPD
- c. SAR
- d. Emergency Plan
- e. The current NCS Validation Report(s)

#### **Nuclear Criticality Safety – IP 88015 (Sippel)**

- a. Any infrequently performed tasks, IROFS surveillances, IROFS maintenance, CAAS testing/maintenance, training, drills or other evolutions scheduled to be performed during the inspection week
- b. List of any failed/degraded NCS related IROFS or IROFS tests since the April NCS inspection.
- c. List of any internal NCS or CAAS-related events (e.g., unusual occurrences, non-routine events, or reportable events) since the April NCS inspection.
- d. All Level 1 and 2 NCS-related CAP entries since the April NCS inspection (list is also acceptable if number of entries is large).
- e. Any new or revised NCSAs and NCSEs since the April NCS inspection.
- f. NCS Engineer training program procedure(s) and qualification cards for currently qualified staff (including support staff).
- g. CAAS detector placement calculations (if revised within the last year).
- h. CAAS design documents (if revised within the last year).
- i. CAAS evacuation training and evacuation maps.

- j. inventories and maintenance/calibration records of instruments that would be used to assess dose after a criticality accident.
- k. The current NCS Manual.
- l. Recent NCS-related audits, assessments and walkdowns (completed since the April NCS inspection), including:
  - The NCS Program Assessment/self-assessment
  - The Audit of the NCS Program by QA
  - NCS Weekly Walkthrough records and schedule
  - The annual NCS Assessments of OPS
  - NCS and QA procedures for audits, assessments, and walkdowns
- m. The verification records/forms for the SBD attributes of the Product Liquid Sampling System and Product Take-off System

**Transportation – IP 86740 (Startz)**

- a. Organization chart for the transportation department
- b. Inspection, operation, and maintenance implementing procedures applicable to the preparation and packaging for the type(s) of package(s)
- c. Listing the type(s) of package(s) used by the licensee, and their registration
- d. Safety Analysis/Evaluation Report(s) for the type(s) of package(s)
- e. Drawings for the packages
- f. Manifests and records for the last month of shipments and the type of package used for each shipment
- g. List of EVs for last 12 months pertaining to radioactive material (RAM) shipment and transportation activities
- h. Training program procedures and records for individuals responsible for RAM shipping and transportation
- i. Any audits or assessments of the RAM transportation program (most recent report or QA surveillance if within the last year)
- j. Any 71.95 reports since the last inspection, in progress, or planned for the near future (the next 90 days)?
- k. Radiological survey records for the packages for the last shipments as well as the survey records for the delivery vehicle
- l. Receipt inspections/surveys for the packages for the last shipments and the delivery vehicle
- m. List of all transportation activities scheduled for the week of the inspection
- n. Inspection checklist for the last outgoing RAM shipments include contents of the package, to include weight, isotope, and physical form.

**Environment Follow-up from 2020 – IP 88045 (Startz and Sippel)**

Additionally, to complete the remote ENV inspection from 2020. Please upload procedures for the following sampling activities; records of these activities for the previous 18 months, and provide the opportunity to allow an inspector to observe the following activities:

- a. liquid effluent sampling from the lagoons,
- b. outdoor air sampling including stack and ambient, and
- c. effluent/sanitary sewer sampling.

***This letter contains mandatory 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 3150-0009). Send comments regarding this information collection to the Information Services Branch, Office of the Chief Information Officer, Mail Stop: O-1F13, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0009) Office of Management and Budget, Washington, DC 20503.***