

Sippel, Timothy

From: Sippel, Timothy
Sent: Friday, December 17, 2021 1:05 PM
To: Terry, Chris T
Cc: Faidley, David W; Subosits, Stephen G; Peterka, Nicholas; Alen, Alejandro
Subject: Upcoming January NCS Inspection
Attachments: 2022-001 BWXT NCS Document Request.docx

Chris,

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) Region II staff will conduct a nuclear criticality safety inspection at your facility during the week of January 24, 2022. The inspection will focus on the core inspection procedures described in Inspection Manual Chapter 2600; and will use Inspection Procedure [88015](#), "Nuclear Criticality Safety." The inspectors will be myself, and Nicholas Peterka.

Experience has shown that these inspections are resource intensive both for the NRC inspectors and your staff. In order to minimize the impact to your onsite resources and to conduct a productive inspection, 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 schedule for 14:00 on Monday the 24th, with an exit meeting at 16:00 on Thursday the 27th. If there are any questions about this inspection or the material requested, particularly in the you find the request unclear or unduly burdensome, please contact me by email, or at 404-997-4525.

Thank you. – Tim.

**NUCLEAR CRITICALITY SAFETY
INSPECTION DOCUMENT REQUEST**

SITE: BWXT

INSPECTION REPORT NUMBER: 2022-001

PRE-INSPECTION VISIT: NA

INSPECTION DATES: January 24 – 27, 2022

NRC INSPECTORS: Lead: Timothy Sippel, Timothy.Sippel@nrc.gov
Nicholas Peterka, Nicholas.Peterka@nrc.gov

ACCOMPANYING PERSONNEL: None

IDENTIFIED LICENSEE CONTACTS:

Manager, Licensing and Safety Analysis: Christopher Terry, cterry@bwxt.com

Licensing and Safety Engineer: Stephen Subosits, sgsubosits@bwxt.com

Manager, Nuclear Criticality Safety: David Faidley, dwfaidley@bwxt.com

ASSOCIATED PROCEDURES:

88015 – Nuclear Criticality Safety

Note: 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. Information Requested for In-Office Preparation

- a. List of new and/or revised NCSEs, TRs, and PAs completed since the last NCS inspection
- b. List of NCS PAs and NCS TR implemented since the last NCS inspection
- c. List of new or revised NCS procedures since the last NCS inspection

2. Information Requested for On-Site Inspection

- a. The most recent audit of the NCS program (if any since the last NCS inspection in last October)
- b. List of NCS and CAAS-related Corrective Action Program entries since the last NCS inspection
- c. Any new or revised NCS procedures since the last NCS inspection (including any revisions to: NCS-01 to -10, NCSE-02, -03, -07, and -11, QWIs 5.1.26, and 4.1.5, and EPR-01-03, and EPR-02-03)
- d. Sample of records indicating operator completion of required NCS training and specific training material on criticality safety
- e. Qualification records for in-training or recently qualified NCS engineers
- f. List of new and revised NCS PAs, NCS Evaluations, Safety Concern Analyses, Technical Work Records, Justification Analyses, Safety Releases (since the last NCS inspection)

- The inspectors will select a sample of documents for detailed review
- g. LTC CAAS detector placement calculations, system drawings/description, and most recent logic testing
- h. NCS inspection reports (a.k.a.: weekly/monthly walkdowns) since the last NCS inspection, schedule for walkdowns
- i. List of planned CAAS tests; NCS related IROFS tests, PMs, or calibrations scheduled for the inspection week; other NCS related activities occurring during the inspection week

3. Activities Requested for On-Site Inspection

- a. Please schedule us to accompany the NCS walkdown to observe the conduct of the walkdown
- b. Please schedule us for a walkdown of the bandsaw used to section non-fuel scrap
- c. Please schedule us for a walkdown of the LTC criticality alarm system

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.