

**From:** [Timothy Sippel](#)  
**To:** [Holly, Thomas C](#)  
**Cc:** [Nicholas Peterka](#); [Lindsey Cooke](#); [Joel Rivera Ortiz](#); [Larry Harris](#)  
**Subject:** April NCS Inspection  
**Date:** Wednesday, February 28, 2024 2:15:00 PM  
**Attachments:** [2024-002 NFS NCS Document Request.docx](#)

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Thomas,

This email 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 April 1, 2024. 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. Currently no in-training inspectors are planned to accompany us. If that changes, I will let you know.

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. Please also let us know if Nick or I need to complete site access training, badging or take other actions before or upon arrival at your site.

If possible, an entrance meeting should be scheduled for 14:00 on Monday, with an exit meeting at 16:00 on Thursday. 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:** NFS

**INSPECTION REPORT NUMBER:** 2024-002

**PRE-INSPECTION VISIT:**

N/A

**INSPECTION DATES:**

April 1 – 4, 2024

**NRC INSPECTORS:**

Timothy Sippel (Lead)

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

Nicholas Peterka

[Nicholas.Peterka@nrc.gov](mailto:Nicholas.Peterka@nrc.gov)

**ACCOMPANYING PERSONNEL:**

None

**IDENTIFIED LICENSEE CONTACTS:**

Licensing: Thomas Holly

**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 On-Site Inspection**

- a. Qualification records for any new qualifying/qualified NCS staff since the last NCS inspection in December 2023
- b. Maintenance and/or testing schedule for on-going activities the inspection week related to NCS controls and the CAAS
- c. NCS training materials (e.g., slides, tests) provided to operators
- d. New and/or revised NCS program procedures since the last NCS inspection
- e. CAAS logic testing and storm mode procedures
- f. Audit(s) and self-assessment(s) of the NCS program since the last NCS inspection
- g. NCS inspection reports (a.k.a.: weekly walkdowns) since the last NCS inspection
- h. A list of NCS-related, including CAAS-related, PIRCS entries, event reports, and issue screening documents since the last NCS inspection
  - Including those related to the recent transfer to the WWTF during storm mode.
- i. List of new and/or revised NCSEs since the last NCS inspection, and their control flowdowns
- j. Validation report for NCS computer codes (if revised since the last NCS inspection)
- k. Documentation of any changes to the CAAS since the last NCS inspection
- l. Changes to NCS related emergency response procedures, maps, or calculations in the

- last year
- m. NCSEs, ISA Summary, and control flowdowns for Areas E/F/G/H/J, and the 440 Building
  - n. Schedule for weekly walkdown by an NCS engineer, which we plan to accompany

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