

**NUCLEAR CRITICALITY SAFETY
PLANT MODIFICATIONS
INSPECTION DOCUMENT REQUEST**

SITE: BWXT NOG

INSPECTION REPORT NUMBER: 2019-005

PRE-INSPECTION VISIT:

October 15 – 17, 2019 (tentatively just Paul)

INSPECTION DATES:

October 21 – 24, 2019

NRC INSPECTORS:

Lead: Katherine McCurry, katherine.mccurry@nrc.gov
Patricia Glenn, patricia.glenn@nrc.gov
Paul Startz, paul.startz@nrc.gov

ACCOMPANYING PERSONNEL: None

IDENTIFIED LICENSEE CONTACTS:

Unit Manager, Licensing and Safety Analysis: Chris Terry, cterry@bwxt.com
Licensing and Safety Engineer: Stephen Subosits, sgsubosits@bwxt.com

ASSOCIATED PROCEDURES:

88015 – Nuclear Criticality Safety
88070 – Plant Modifications (Annual)

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 by October 15 – NCS – McCurry/Glenn

- a. List of new or revised NCS PAs, NCS Evaluations, Safety Concern Analyses, Technical Work Records, Justification Analyses, Safety Releases (since the last NCS inspection)
 - Please also list implemented NCS PAs.
 - Please mimic the format provided for preparation last inspection which consisted of document number, title, author, and date.
 - The inspectors will select a sample of these documents for detailed review.

2. Information Requested for On-Site Inspection Starting October 21 – NCS – McCurry/Glenn

- a. The NCS audit schedule and NCS audit reports (since the last NCS Inspection)
- b. List of new or revised NCS-related program procedures (including NCS-01 to -10, NCSE-02, -03, -07, and -11, QWIs 5.1.26, and 4.1.5, and the EPR related to unannounced Howlers sounding)
- c. List of NCS related condition reports and/or internal events (since the last NCS inspection)
- d. Training and qualification records for new NCS staff
- e. Validation report if revised since the last inspection
- f. Schedule for any CAAS related testing or activities the week of October 21.

3. Information Requested for On-Site Prep and Inspection Starting October 15 – PPM – Startz

- a. Procedures related to design changes and the design control process of fuel-production related activities. This includes configuration management/change control, temporary modifications, 70.72 evaluations, and post-modification testing.
- b. Plant modifications program-related procedure changes. (For the recent revision of the Change Management procedure, please include both the current revision and the previous revision).
- c. Procedures related to training on configuration management for personnel responsible for reviewing/approving/qualification-testing of fuel-production changes. May include training qualification matrix and OJT qualifications.
- d. Corrective action program records: a simple printout of fuel facility modification-related configuration-control issues for the previous 12 months.
- e. Audits related to configuration control policies, procedures, and review of completed work packages.
- f. List of 2018 70.72 modifications submitted to the NRC, and additional plant modification-related projects that were completed and/or initiated in 2019. These may include fuel production facility/equipment related modifications: temporary modifications, ISA Summary revisions, license application revisions, fuel production related procedure revisions, like for like replacements, etc.