

## Rivera Ortiz, Joel

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**From:** Rivera Ortiz, Joel  
**Sent:** Monday, October 25, 2021 8:54 AM  
**To:** Holly, Thomas C  
**Cc:** Taylor, Cynthia (Cynthia.Taylor@nrc.gov); Adkins, Brannen (Brannen.Adkins@nrc.gov); Peterka, Nicholas (Nicholas.Peterka@nrc.gov); Harris, Larry  
**Subject:** Document Request - NRC Inspection on Nov 29, 2021  
**Attachments:** NRC Doc Request - NFS NCS-PMA IR 2021-004.pdf

Dear Mr. Holly,

The NRC will conduct a routine inspection at the Nuclear Fuel Services facility on November 29, 2021. The inspection will implement the following NRC inspection procedures (IPs):

- IP 88015 – Nuclear Criticality Safety (Inspectors: B. Adkins and N. Peterka)
- IP 88070 – Plant Modifications (Annual) (Inspector: J. Rivera)

This email requests a number of documents that we would like to obtain for our preparation activities (**see attachment**). If practical, we would like to have the documents at least a week prior to the inspection to facilitate our preparation and be able to conduct a productive inspection. In the attachment, we also specified some items that we will need during the on-site portion of the inspection.

If you have any questions or concerns regarding this request, please contact me to discuss.

Best Regards,

*Joel Rivera-Ortiz*

Sr. Fuel Facility Inspector  
U.S. Nuclear Regulatory Commission/Region-II  
Division of Fuel Facility Inspection  
Projects Branch 1

404-997-4825

[Joel.Rivera-Ortiz@nrc.gov](mailto:Joel.Rivera-Ortiz@nrc.gov)

October 25, 2021

**INSPECTION DOCUMENT REQUEST**

**Licensee:** Nuclear Fuel Services, Inc.

**Facility:** BWXT-Nuclear Fuel Services (Erwin, TN)

**Docket Number:** 07000143

**License Number:** SNM-124

**Inspection Report  
Number:** 2021-004

**Enterprise Number:** EPID: I-2021-004-0127

**Inspection Dates:** November 29 – December 3, 2021

**Inspection  
Procedure(s):** IP 88015 – Nuclear Criticality Safety, 1/1/2021  
IP 88070 – Plant Modifications (Annual), 1/1/2021

**Inspector(s):** Joel Rivera-Ortiz (Team Leader) P: 404-997-4825  
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U.S. Nuclear Regulatory Commission (NRC)  
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Brannen Adkins P: 404-997-4620  
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Inspection Document Request for  
NRC Inspection at Framatome Inc.

The following is a request of documents the U.S. Nuclear Regulatory Commission (NRC) inspectors are interested in reviewing prior to the on-site inspection visit consistent with the guidance in NRC Inspection Manual Chapter 0620, "Inspection Documents and Records." The documents provided in response to this request should contain enough information to facilitate the selection of specific inspection samples. Please provide the current version of these documents unless specified otherwise. If any of the information requested below does not apply to the facility, please specify in your response. The licensee is not required to provide documents that are already available in ADAMS. Electronic media is preferred for receiving the information, if readily available (preferably Microsoft Word format or searchable ".pdf" files). The NRC can establish a secure cloud-based file storage service to facilitate document sharing. If there are any questions or concerns regarding the information requested, please contact the NRC inspection team lead.

**INSPECTION PROCEDURE 88015 – NUCLEAR CRITICALITY SAFETY (NCS)**

Documents Requested for In-Office Preparation

- 1) Any new or revised NCS program procedures since the last NCS inspection (if none, please indicate)
- 2) List of corrective action program entries or internal events since the last NCS inspection related to NCS issues, including the criticality accident alarm system (CAAS)
- 3) Criticality safety evaluations (CSEs) for the following systems or processes:
  - Area 600
  - Area 700
- 4) Any new or revised CSEs since the last NCS inspection (if none, please indicate)
- 5) Procedures related to the following:
  - NCS weekly and internal audits
  - NCS engineer qualification program
  - CSE development
- 6) List of any new qualifying/qualified NCS staff since the last NCS inspection
- 7) Audit(s) and self-assessment(s) of the NCS program since the last NCS inspection
- 8) NCS training materials/exam for personnel who handle special nuclear material (SNM)
- 9) Emergency response procedure and training material for criticality accident scenarios
- 10) Validation report for NCS computer codes (if revised since the last NCS inspection)
- 11) Contact information for key personnel expected to support the Nuclear Criticality Safety inspection.

### Documents/Support Requested for On-site Inspection

- 1) Results of NCS inspections (i.e., weekly assessments/walkdowns) since the last NRC inspection in the NCS area
- 2) Qualification and training records for any newly qualified/qualifying NCS engineers (if applicable)
- 3) Maintenance work orders and testing/calibration records of the CAAS for the last 12 months. Please inform the inspectors at the entrance meeting if there will be any CAAS related activities (i.e., testing, maintenance, modifications, etc.) during the inspection week.
- 4) Logistic support to accompany an NCS engineer during a weekly walk-down
- 5) Coordinate an interview with the NCS manager

### **INSPECTION PROCEDURE 88070 – PLANT MODIFICATONS (ANNUAL)**

#### Documents Requested for In-Office Preparation

- 1) Procedure(s) for the configuration management system required per 10 CFR 70.72
- 2) Governing procedures for the implementation of management measures for the configuration management system (e.g., post-modification testing, audits, training and qualification, and records retention)
- 3) Procedure used to implement changes to the license application
- 4) List of corrective action program entries in the last 12 months related to plant modification issues
- 5) Copy of latest self-assessment or audit for the configuration management system
- 6) Contact information for key personnel expected to support the Plant Modifications inspection
- 7) List and a brief description of facility changes implemented since August 2020. Please include all plant changes that affected items relied on for safety (IROFS) and the Integrated Safety Analysis (ISA) Summary, including modifications of existing controls, elimination of previous controls, and addition of new controls.

#### Documents/Support Requested for On-site Inspection

- 1) The inspectors may need additional documentation associated with the implementation of the changes listed in Item 7 above. Those documents may include engineering calculations, work orders, post-modification testing records, procedure revisions, training records, etc. Please provide such documents upon request.

- 2) The inspectors will need site support to conduct field observations of selected plant modifications and interviews with staff responsible for implementing the configuration management system.
- 3) Please inform the inspectors of any updates to the configuration management system that have occurred since this document request was issued.