



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200  
ATLANTA, GEORGIA 30303-1200

October 19, 2021

**INSPECTION DOCUMENT REQUEST**

**Licensee:** Framatome Inc.

**Facility:** Framatome Inc. – Richland, WA

**Docket Number:** 70-1257

**License Number:** SNM-1227, Amendment 17

**Inspection Report  
Number:** 2021-004

**Enterprise Number:** EPID: I-2021-004-0128

**Inspection Dates:** November 15 - 19, 2021

**Inspection Procedure(s):** IP 88015 – Nuclear Criticality Safety  
IP 88055 – Fire Protection

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# **Inspection Document Request for NRC Inspection at Framatome, Inc. – Richland Facility**

The following is a broad list of documents the U.S. Nuclear Regulatory Commission inspectors are interested in reviewing prior to the on-site inspection visit. The current version of these documents is expected unless specified otherwise. Please use electronic format(s) to provide the requested documentation (preferably in Microsoft Word format or as searchable “.pdf” files). The NRC will provide BOX (cloud-based file sharing service) to support this effort. The documents provided in response to this request should contain sufficient information to facilitate the selection of specific inspection samples. Some of the information requested may not apply to the facility. The licensee is not required to provide documents that are already available in ADAMS. If there are any questions or concerns regarding the information requested, please contact the NRC inspection team lead.

## **A. NUCLEAR CRITICALITY SAFETY 2 (NCS2) – IP 88015 – (K. McCurry)**

(See [ML20213C588](#) for new procedure revision)

### **1. Documents Requested for In-Office Preparation. Please upload into BOX.**

- a. Any new or revised NCS program procedures since the last NCS inspection (if none, please indicate)
- b. List of corrective actions program entries (condition reports) or internal events since the last NCS inspection related to NCS issues
- c. List of changes in the NCS organization in the last 12 months that were subject to the position-specific requirements of the license
- d. List of qualified System 190 operators (training records to be provided on-site by request for select operators)
- e. List of plant modifications to System 190 in past 12 months
- f. Time/location of operations shift turnover for System 190
- g. NCSAs covering System 190
- h. List of areas/processes that will be operating during the inspection
- i. Schedule showing IROFS-related activities planned for the week of the inspection (may have to be obtained once on-site)
- j. The current CAAS detector placements calculation report

- k. Validation Reports if new or revised
- l. Any audit(s) & self-assessment(s) of the NCS program since the last NCS inspection (please include the qualification and independence of the auditor(s))
- m. Most recent CAAS audibility testing, UPS testing, detector/logic testing records and procedures
- n. Any other CAAS tests or maintenance records (since the last inspection)
- o. Procedure for putting compensatory measure in place when CAAS is out
- p. Current NCS program procedures related to System 190
- q. List of new or revised NCSAs and NCS procedures since May 2021

**2. To be provided on-site to the inspector during the inspection week**

- a. Select interviews with NCS staff, operators, engineers, managers, etc. - TBD
- b. Qualification & training records for any NCS staff completed an NCS qualification since the last NCS inspection
- c. System 190 training records (TBD)
- d. Supporting documents for areas to be selected (HAZOPS, P&ID drawings, etc.)
- e. Any updates to the program that have occurred since the inspection information request
- f. A list of any IROFS maintenance CAAS maintenance, plant modification work, or unusual activities going on during the week inspectors are onsite

**Activities to be performed after entrance meeting / during the inspection**

- 1. If necessary, a tour of the area(s) of interest with most senior area operator or engineer
- 2. If available, accompany a licensee NCS auditor on weekly audit

**B. FIRE PROTECTION - IP 88055 – (G. Goff & T. Sippel)**

(See [ML20241A306](#) for new procedure revision)

**1. Documents Requested for In-Office Preparation. Please upload into BOX.**

- a. Organization chart for fire protection organization along with names and contact information of key licensee personnel needed during the onsite inspection. If organizational changes have been made since the last fire protection inspection, including changes to the managers described in Section 7.1.1 of the license application, provide the qualification of these new personnel for their positions.
- b. Condition reports related to fire safety since the last fire protection inspection.
- c. Copy of internal/external audits/assessments/inspections performed since the last fire protection inspection. This includes the monthly fire protection inspections required by IROFS 4503s and the monthly inspections of plant fire extinguishers.
- d. Fire protection program implementing procedures/policies (e.g., combustible control program procedure, cutting and welding procedure, hot work permit procedure, flammable liquid storage procedure, etc.).
- e. Current listing of fire protection-related IROFS; and the current ISA summary for System 545 - Product Development Test Facility and System 380 - UO<sub>2</sub> Pellet Sintering
- f. Copy of pre-fire plan(s); copy of agreements with off-site agencies and organizations for fire-fighting support; and records of training conducted with/for off-site agencies.
- g. The Fire Hazards Analysis (FHA) for System 545 - Product Development Test Facility, and System 380 - UO<sub>2</sub> Pellet Sintering.
- h. List of out-of-service fire protection components (if any) and compensatory measures.
- i. Procedures for surveillance, inspection, testing, and maintenance of fire protection systems/equipment (e.g., fire detectors, fire extinguishers, emergency lighting, suppression systems, etc.).
- j. GET fire training module; training material and records for the use of dry chemical and Class D fire extinguishers; training material and records for the most recent incipient firefighting training provided to emergency response team personnel.
- k. General housekeeping procedure.
- l. Drawings, hydraulic calculations, and procedures for the plant water supply system, and piped fire sprinkler system.

- m. Drawings for the plant's central alarm panel; most recent 'call-list test' verifying communications with off-site organizations.
- n. The most recent functional test and/or surveillance of IROFS, water flow switches, fire sprinklers, hydrogen detectors, heat detectors and smoke detectors along with acceptance criteria (e.g., supply system header pressure requirements and required minimum flow rates) in or applicable to UO<sub>2</sub> Pellet Sintering and the Product Development Test Facility.
- o. Copy of most recent inspections/surveillances for hose stations, fire barriers, emergency lighting, portable fire extinguishers and related FP equipment and supply stations in UO<sub>2</sub> Pellet Sintering and the Product Development Test Facility (this could also include such items as fire doors, fire dampers, and fire penetration seals). NOTE: Additional records may be requested if there are not sufficient samples in these area for inspection.

## **2. To be provided on-site to the inspector during the inspection week**

- a. List of fire protection related activities (inspections, PMs, surveillances, testing, drills, training, etc.) scheduled for the week of the inspection.
- b. Walk-downs of UO<sub>2</sub> Pellet Sintering, the Product Development Test Facility, central alarm panel, and other fire protection features.
- c. Training and qualification records for the fire protection features in UO<sub>2</sub> Pellet Sintering, and the Product Development Test Facility.

## **Activities to be performed after entrance meeting / during the inspection**

- 1. If necessary, a tour of the area(s) of interest with most senior area operator or engineer.

## **NOTIFICATION:**

***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](mailto: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.***

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