

RADIATION PROTECTION **INSPECTION DOCUMENT REQUEST**

DOCUMENT REQUEST DATE: Friday, June 28, 2024

LICENSEE: Framatome Inc.

FACILITY: Richland facility (Richland, WA)

DOCKET NUMBER: 70-1257

LICENSE NUMBER: SNM-1227, Amendment 18

INSPECTION REPORT NUMBER: 2024-003

PRE-INSPECTION VISIT: NA

ENTERPRISE NUMBER: I-2024-003-0045

INSPECTION DATES: July 29 – August 1, 2024

INSPECTION PROCEDURE(S): [IP 88030 – Radiation Protection, 01/29/2021](#)

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Note: This is a broad list of documents the NRC inspectors are interested in obtaining and reviewing before the inspection (with exceptions noted below). The current version of these documents is expected unless specified otherwise. Please configure the documents to be word searchable. The lead inspector can answer questions regarding specific information needs with licensee staff, and inspectors may later request additional documents. The licensee is not required to provide documents already in ADAMS.

1) DOCUMENTATION REQUESTED FOR IN-OFFICE PREPARATION

- a. Current, effective revision of the ISA Summary
- b. Organizational charts for personnel involved with radiation protection (RP) and radioactive waste (RW) activities. Please note any personnel changes since June 2022.
- c. Procedures pertaining to the RP and RW programs, including:
 - i. RP and RW program implementation

- ii. Annual ALARA Program review
 - iii. RP and RW procedures which were revised in the past two years, including the configuration management documentation to support the changes (do not include procedures that only had administrative or minor editorial changes)
 - iv. RP and RW standard operating procedures (SOP) and management control procedures (MCP)
 - v. Radiation Job/Work Permits (RJPs/RWPs)
 - vi. Radiological postings and access controls
 - vii. Radiation and contamination surveys
 - viii. Respiratory protection program
 - ix. Airborne radioactivity monitoring
 - x. Dosimetry program
 - xi. Personnel OSLD/TLD monitoring program
 - xii. Response to unplanned contamination/safety significant radiological events
 - xiii. Calibration and set point verification for exit monitors such as hand-and-foot monitors (HFMs) and personnel contamination monitors (PCMs)
 - xiv. Instrumentation & equipment calibration
 - xv. Radioactive source control (sealed sources)
 - xvi. Container labeling
 - xvii. Occupational dose results
 - xviii. Posting of notice to workers
 - xix. Leak test survey records of sealed sources (if applicable)
 - xx. Calibration/functional testing for the criticality accident alarm system (CAAS) and control of access to the CAAS
- d. Procedure for conducting periodic procedure reviews and making significant changes to procedures (under the change control process)
 - e. Radiological dose reports or records for dose results for workers, minors, and the public within the last 24 months
 - f. CAAS calibration and functional testing records within the last 24 months
 - g. Records for internal dose results
 - h. Records for bioassay program
 - i. Records of any significant radiological or radioactive waste events within the last 24 months

- j. Examples of training/qualifications records for new radiological technicians (rad techs) and rad waste handlers (within the last 24 months)
- k. A list of training and qualification/OJT requirements (generic qualification card or curriculum) for personnel performing RP and RW activities such as, but not limited to, radiation technicians, rad waste handlers, health physicists, radiation safety officer, managers, etc.
- l. List of condition reports (i.e., corrective actions) related to RP and RW for the previous 24 months including condition reports for the following ENs: EN56851, EN56904, EN57162, and EN57116
- m. CYs 22 and 23 Annual ALARA Reports
- n. Radiation Safety Committee meeting minutes for the previous 24 months, if applicable
- o. Most recent self-assessment and/or audits report in the areas of Radiation Protection and Radioactive Waste within the last 24 months
- p. During the inspection week, please provide an updated schedule showing RP and RW activities for: Advanced Fuel Manufacturing, plan of the day meetings, corrective action meetings, and daily maintenance
- q. Contact information for key personnel expected to support RP and RW inspections

2) FOLLOW-UP ITEMS

- a. Inspectors are interested walking down areas related to the ENs identified in 1) l. above

3) DOCUMENTATION TO BE SELECTED WHEN ON-SITE

- a. Training records for RP and RW workers
- b. Active radiation job/work permits (or equivalent)

NOTE: Inspectors may need the support of the area/process engineers for walkdowns

PAPERWORK REDUCTION ACT STATEMENT

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