



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

December 30, 2024

MEMORANDUM TO: Cinthya Román, Deputy Director
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

FROM: Haimanot Yilma, Project Manager
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

A handwritten signature in dark ink, appearing to read "Haimanot", is located to the right of the "FROM:" field.

Signed by Yilma, Haimanot
on 12/30/24

SUBJECT: SUMMARY OF DECEMBER 10, 2024, MEETING WITH
FRAMATOME, INC.

Background

On December 10, 2024, an Observation Public Meeting was held by teleconference between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives from Framatome, Inc. (Framatome) to discuss the upcoming amendment request for the Model No. MAP 12-13 package.

This Observation Public Meeting was noticed on November 13, 2024 (Agencywide Documents Access and Management System Accession No. ML24318A751). The attendance list and the publicly available presentation slides are provided as Enclosure Nos. 1 and 2, respectively.

Discussion

Framatome plans to submit an amendment request of the Certificate of Compliance No. 9319, Revision 14, Model No. MAP 12 and 13 packages to increase the allowable fuel enrichment levels, that could be transported with these packages, to up to 8 weight percent (wt.%) of U²³⁵.

During the call, Framatome discussed their reason for requesting the amendment request along with the criticality evaluation factors used for the analysis such as methods of analysis, benchmarking experiments used, and preliminary results. Framatome also discussed potential changes to drawings to facilitate future package fabrication process. Framatome intends to submit the license amendment application by the end of January 2025 and will request approval by January 2026.

CONTACT: Haimanot Yilma, NMSS/DFM
301-415-5286

The NRC Staff had previously approved several revisions of the Framatome certificates (MAP and TN-B1 packages) for various fuel enrichment above 5 wt.% of U²³⁵ and specific fuel assembly types. This amendment request covers the fuel types that are not yet approved for use to up to 8 wt. % of U²³⁵.

The NRC staff acknowledged the number of experiments used to support Framatome's criticality analysis and had questions related to previous package design and associated drawings. The NRC staff's review will be limited to criticality safety and materials areas as the proposed changes do not affect any other technical areas. No regulatory findings or commitments were made during this meeting.

Members of the public, although given the opportunity to attend the meeting, were not present during the call.

Docket No. 71-9319
EPID L-2024-LLA-0084

Enclosures:

1. Meeting Attendees
2. Presentation Slides

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DOCUMENT DATE: December 30, 2024

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**ADAMS Accession Nos.: ML24348A189 (Pkg); ML24348A190 (Ltr & Encl1);
ML24348A191 (Encl2)**

OFFICE	NMSS/DFM	NMSS/DFM	NMSS/DFM	NMSS/DFM	NMSS/DFM
NAME	HYilma	PSaverot	WWheatley	YDiaz-Sanabria	HYilma
DATE	12/13/2024	12/16/2024	12/17/2024	12/27/2024	12/30/2024

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**Meeting Between Framatome, Inc.
and the
U.S. Nuclear Regulatory Commission
December 10, 2024
Meeting Attendees**

The U.S. Nuclear Regulatory Commission

Pierre Saverot
Haimanot Yilma
Logan Crevelt
Alen Rechel

Framatome, Inc.

Tim Tate
Brandon Hanson
Byan Flanagan
Michelle Guzzardo

Public

None