



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

October 21, 2024

Gayle Elliott, Director
Licensing and Regulatory Affairs
Framatome Inc.
3315 Old Forest Road
Lynchburg, VA 24501

SUBJECT: SUMMARY REGARDING JULY 30-31, 2024, REGULATORY AUDIT FOR
FRAMATOME TOPICAL REPORT, ANP-10354P, REVISION 0,
“SINGLE-PHASE COMPUTATIONAL FUEL DYNAMICS FOR FUEL ASSEMBLY
CHARACTERIZATION” (EPID L-2024-NTR-0000)

On July 30 - 31, 2024, the U.S. Nuclear Regulatory Commission (NRC) staff met with Framatome, Inc (Framatome) representatives to present Topical Report (TR) ANP-10354P, Revision 0, “Single-Phase Computational Fuel Dynamics for Fuel Assembly Characterization.”

The NRC staff conducted a virtual regulatory audit (Agencywide Documents Access and Management System Accession No. ML24198A181) to obtain additional information needed to complete the requested review. The results of the audit provide support for the NRC staff’s safety evaluation for TR ANP-10354P, Revision 0. The audit report and attendance list are enclosed.

If you have any questions, please contact Demetrius Murray at (301) 415-1676 or via e-mail at Demetrius.Murray@nrc.gov regarding this letter.

Sincerely,

/RA/

Gerond A. George, Chief
Licensing Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 99902041

Enclosures:

1. Audit Report
2. List of Attendees

U.S. Nuclear Regulatory Commission Audit Summary

Title: AUDIT FOR FRAMATOME TOPICAL REPORT, ANP-10354P, REVISION 0, "SINGLE-PHASE COMPUTATIONAL FUEL DYNAMICS FOR FUEL ASSEMBLY CHARACTERIZATION" (EPID L-2024-NTR-0000)

Date of Audit: July 30 and 31, 2024, 9:00am – 5:00 pm

Location: Hybrid

Type of Meeting:

Regulatory Audit

Purpose of the Audit:

This was a Regulatory Audit performed under the guidance provided in LIC-500 (Topical Report Process) and LIC-111 (Regulatory Audits) to facilitate the review. The purpose of this audit was for U.S. Nuclear Regulatory Commission (NRC) staff to discuss technical aspect of the technical report with the appropriate Framatome staff and gain knowledge that will assist in the adequate review of the topical report.

Summary of Audit:

Framatome performed a page turn of the topical report. The NRC staff asked clarification questions to enable a clear understanding of the material presented. The NRC staff considered the audit a success as it provided an efficient means to clarify the understanding of the submitted materials.

Action Items/Next Steps:

There will be a subsequent Audit performed October 21 - 25, 2024.

**U.S. Nuclear Regulatory Commission Regulatory Audit – Attendees List
July 30 - 31, 2024**

Title: REGULATORY AUDIT FOR FRAMATOME TOPICAL REPORT, ANP-10354P, REVISION 0, SINGLE-PHASE COMPUTATIONAL FUEL DYNAMICS FOR FUEL ASSEMBLY CHARACTERIZATION” (EPID L-2024 NTR 0000)

Name	U.S. Nuclear Regulatory Commission (NRC) Staff
Demetrius Murray	NRC
Joshua Kaizer	NRC
Noushin Amini	NRC

Name	Framatome, Inc. (Framatome)
Jerald Holm	Framatome
Anca Hatman	Framatome
Kenneth Greene	Framatome

SUBJECT: SUMMARY REGARDING JULY 30-31, 2024, REGULATORY AUDIT FOR FRAMATOME TOPICAL REPORT, ANP-10354P, REVISION 0, "SINGLE-PHASE COMPUTATIONAL FUEL DYNAMICS FOR FUEL ASSEMBLY CHARACTERIZATION" (EPID L-2024-NTR-0000) DATED OCTOBER 21, 2024

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NAmmini, NRR

NOtto, NRR

GGeorge, NRR

EXTERNAL DISTRIBUTION:

Jerald.Holm.ext@framatome.com

ADAMS Accession NO.: ML24243A061

^via eConcurrence

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OFFICE	NRR/DORL/LLPB/PM	NRR/DORL/LLPB/LA	NRR/DORL/LLPB/PM	NRR/DSS/SFNB/BC
NAME	DMurray	DHarrison	NOtto	SKrepel
DATE	10/18/2024	10/18/2024	10/18/2024	10/18/2024
OFFICE	NRR/DORL/LLPB/BC			
NAME	GGeorge			
DATE	10/21/2024			

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