



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

August 21, 2024

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

SUBJECT: REPORT REGARDING MAY 28 – MAY 30, 2024, REGULATORY AUDIT FOR
SUPPLEMENT TO FRAMATOME INC. TOPICAL REPORT, ANP-10350P,
REVISION 0, "FRAMATOME METHODOLOGY FOR BOILING WATER
REACTORS: EVALUATION AND VALIDATION OF APOLLO2-A/ARTEMIS-B"
(EPID L-2022-TOP-0038)

Dear Gayle Elliott:

By letter dated June 30, 2022 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML22186A025), Framatome Inc. (Framatome) submitted to the U.S. Nuclear Regulatory Commission (NRC), Topical Report (TR) ANP-10350P, Revision 0, "Framatome Methodology for Boiling Water Reactors: Evaluation and Validation of APOLLO2-A/ARTEMIS-B" (ADAMS Package No. ML22186A071), for review and approval for licensing applications. Supplemental information regarding ANP-10350P, Revision 0 was submitted to the NRC by letter dated February 21, 2024 (ADAMS Package Accession No. ML 24057A358). The audit was held virtually on May 28 through May 30, 2024, to support the NRC staff's review of the supplemental information regarding extension of ANP-10350P, Revision 0 to include increased enrichment and higher burnup conditions.

During the audit, the NRC staff were able to discuss with Framatome representatives the supplemental information supporting documentation and to ask questions about the review of TR ANP-10350P, Revision 0. The results of the audit provided additional information to support the NRC staff's safety evaluation. The proprietary audit report is enclosed.

NOTICE: The enclosure to this transmittal letter has proprietary information, once this letter is separated from the enclosure it is decontrolled.

G. Elliott

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Please contact Ngola Otto at 301-415-6695 or via e-mail at Ngola.Otto@nrc.gov with any questions you may have regarding this letter.

Sincerely,

/RA/

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

Docket No. 99902041

Project No. 728

Enclosure:
Audit Report (Proprietary)

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(EPID L-2022-TOP-0038) DATED AUGUST 21, 2023

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