



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

May 31, 2022

Mr. Gary Peters, Director  
Licensing and Regulatory Affairs  
Framatome Inc.  
3315 Old Forest Road  
Lynchburg, VA 24501

SUBJECT: AUGUST 17, 2022, REGULATORY AUDIT PLAN FOR FRAMATOME INC.  
TOPICAL REPORT, ANP-10353P, REVISION 0, "INCREASED ENRICHMENT  
FOR PWRs" (EPID L-2021-TOP-0004)

Dear Mr. Peters:

By letter dated January 29, 2021 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21035A074), Framatome, Inc. (Framatome) submitted Topical Report (TR) ANP-10353P, Revision 0, "Increased Enrichment for [Pressurized Water Reactors] PWRs" (ADAMS Package No. ML21035A073), to the U.S. Nuclear Regulatory Commission (NRC) for review and approval for licensing applications. Framatome states in part that ANP-10353P, Revision 0, addresses the codes and methods used to perform neutronics analyses, thermal hydraulic analyses, non-loss-of-coolant accident (non-LOCA) analyses, loss-of-coolant accident (LOCA) analyses, and thermal-mechanical fuel evaluations with respect to applicability to fuel with enrichment greater than 5 weight-percent Uranium-235.

The NRC staff technical review of this TR is ongoing. The NRC staff will perform a virtual regulatory audit on August 17, 2022, via Microsoft Teams. This audit was re-scheduled from May 25, 2022, per Framatome's request. The NRC staff determined that this regulatory audit is needed to facilitate the review. A previous audit was held on September 13, 2021 (ADAMS Accession No. ML21305A032). Enclosed for your information is a copy of the proprietary audit plan that the NRC staff will follow.

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

G. Peters

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

Sincerely,

*/RA/*

Richard Chang, Chief  
Licensing Projects Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 99902041

Enclosure: Audit Plan (Proprietary)

G. Peters

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SUBJECT: AUGUST 17, 2022, REGULATORY AUDIT PLAN FOR FRAMATOME INC.  
TOPICAL REPORT, ANP-103539, REVISION 0, "INCREASED ENRICHMENT  
FOR [PRESSURIZED WATER REACTORS] PWRs" (EPID L-2021-TOP-0004)  
DATED MAY 31, 2022

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**ADAMS Accession No.: ML22129A003 (Letter); ML22129A002 (Audit Plan)**

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