



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

February 9, 2021

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

SUBJECT: AUDIT REPORT DECEMBER 7 - 11, 2020, REGULATORY AUDIT FOR  
FRAMATOME INC. TOPICAL REPORT ANP-10339P, REVISION 0, "ARITA –  
ARTEMIS/RELAP INTEGRATED TRANSIENT ANALYSIS METHODOLOGY"  
(EPID L-2018-TOP-0034)

Dear Mr. Peters:

By letter dated August 28, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18242A443), Framatome, Inc., submitted Topical Report (TR) ANP-10339P, Revision 0, "ARITA - ARTEMIS/RELAP Integrated Transient Analysis Methodology" (ADAMS Package No. ML18242A480), to the U.S. Nuclear Regulatory Commission (NRC) for review and approval. The proposed TR presents a coupled code system and evaluation models for the analysis of most pressurized water reactor (PWR) non-Loss-of-Coolant Accident events identified in Chapter 15, "Transient and Accident Analysis," of NUREG-0800 (Standard Review Plan).

On December 7 through 11, 2020, the NRC staff conducted a virtual regulatory audit to discuss major topics of the TR review associated with the request for additional information (RAI) responses received in March 2019, March 2020, July 2020, and November 2020 (ADAMS Package Accession Nos. ML19078A260, ML20097E582, ML20237F488, and ML20335A217, respectively). The results of the audit provided additional information to support the NRC staff safety evaluation of the TR. The 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.

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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/**

Dennis C. Morey, 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-2018-TOP-0034) DATED: FEBRUARY 9, 2021

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**ADAMS Accession Nos.:**

**ML21026A007 (Package)**

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**ML21026A005 (Audit Report)**

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