



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

March 23, 2021

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

SUBJECT: AUDIT REPORT FEBRUARY 10 - 12, 2021, REGULATORY AUDIT FOR  
FRAMATOME INC. TOPICAL REPORT ANP-10349P, REVISION 0, "GALILEO  
IMPLEMENTATION IN LOCA METHODS" (EPID L-2020-TOP-0059)

Dear Mr. Peters:

By letter dated October 7, 2020 (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML20290A661), Framatome, Inc. (Framatome) submitted Topical Report (TR) ANP-10349P, Revision 0, "GALILEO Implementation in LOCA Methods," for review and approval. Framatome stated in part that TR ANP-10349P, Revision 0, describes the implementation of the fuel performance code GALILEO into Framatome pressurized water reactor (PWR) loss-of-coolant accident (LOCA) methods.

On February 10 through 11, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a virtual regulatory audit to discuss supporting documentation and processes for the implementation of the GALILEO fuel performance code in the S-RELAP5, small-break LOCA (SBLOCA) and realistic large-break LOCA (RLBLOCA) methodologies for Westinghouse and Combustion Engineering (CE) design PWRs as described in the ANP-10349P. 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.**

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/*

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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DATED: MARCH 23, 2021

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