



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

October 6, 2021

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING
FRAMATOME INC. TOPICAL REPORT, BAW-10227, REVISION 2,
“EVALUATION OF ADVANCED CLADDING AND STRUCTURAL MATERIAL
(M5) IN PWR REACTOR FUEL” (EPID L-2019-TOP-0054)

Dear Mr. Peters:

By letter dated December 31, 2019, Framatome, Inc. (Framatome) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review and approval of Topical Report (TR) BAW-10227P, Revision 2, “Evaluation of Advanced Cladding and Structural Material (M5) in PWR [Pressurized Water Reactor] Reactor Fuel” (Agencywide Documents Access and Management System Package Accession No. ML20003E125). On August 21, 2020 (ADAMS Package Accession No. ML20223A229), the NRC staff issued a request for additional information (RAI) to Framatome regarding Request for Additional Information questions (RAIs) 8, 9, and 10 and a response dated December 18, 2020 (ADAMS Package Accession No. ML20366A127) was received. In a closed, proprietary teleconference on March 19, 2021, the NRC staff identified several issues with Framatome’s response to RAIs 8, 9, and 10. Additionally, the NRC staff and Framatome held discussions on the issues during an audit on June 3, 2021 (ADAMS Accession No. ML21172A149), and in closed meetings on June 24, 2021 (ADAMS Accession No. ML21183A056), and September 17, 2021 (ADAMS Accession No. ML21250A117) to facilitate the topical report review.

The NRC staff has determined that additional information is needed to resolve the issues discussed during the audit and meetings described above. Enclosed is the NRC staff’s follow-up RAI questions.

NOTICE: Enclosure transmitted herewith contains proprietary information. When separated from Enclosure, this transmittal document is decontrolled.

G. Peters

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If you have any questions, please contact me at 301-415-6695 or by e-mail to Ngola.Otto@nrc.gov.

Sincerely,

/RA/

Ngola Otto, Project Manager
Licensing Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 99902041

Project No. 728

Enclosure:
RAI Questions (Proprietary)

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ADAMS Accession Nos.:

ML21273A020 (Package);

ML21272A271 (Letter);

ML21273A024 (RAI Questions - Proprietary)

***by e-mail**

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