



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

May 11, 2026

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

SUBJECT: REPORT REGARDING MARCH 4-5, 2026, REGULATORY AUDIT FOR  
FRAMATOME INC. EMF-93-177, REVISION 1, SUPPLEMENT 1P, REVISION 0,  
“MECHANICAL DESIGN FOR BWR FUEL CHANNELS: ATRIUM BWR  
ENHANCED ACCIDENT MODEL” TOPICAL REPORT (EPID L-2025-TOP-0018)

Dear Gayle Elliott:

On May 16, 2025 (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML25136A387), Framatome, Inc. (Framatome) submitted Topical Report (TR) EMF-93-177, Revision 1, Supplement 3P, Revision 0, “Mechanical Design for BWR [Boiling Water Reactor] Fuel Channels: ATRIUM BWR Enhanced Accident Model,” for U.S. Nuclear Regulatory Commission (NRC) staff’s review and approval. To support its review of the TR, the NRC and Pacific Northwest National Laboratory (PNNL) staff conducted an in-person regulatory audit at Framatome’s Richland, Washington facility on March 4-5, 2026 (ML26015A112). PNNL is providing technical assistance to the NRC staff in support of the TR review. The primary purpose of the audit was to discuss topics and questions described in the audit plan. The audit goals and objectives were met; the NRC will request any additional information needed to support the TR review through separate correspondence. The proprietary and non-proprietary audit reports are enclosed.

**NOTICE: Enclosure 1 to this letter contains Proprietary Information. When this letter is separated from Enclosure 1, this letter is DECONTROLLED.**

G. Elliott

- 2 -

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

Sincerely,

*/RA/*

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

Docket No. 99902041

Enclosures:

1. Audit Report (Proprietary)
2. Audit Report (Nonproprietary)

G. Elliott

- 3 -

SUBJECT: REPORT REGARDING MARCH 4-5, 2026, REGULATORY AUDIT FOR FRAMATOME INC. EMF-93-177, REVISION 1, SUPPLEMENT 1P, REVISION 0, "MECHANICAL DESIGN FOR BWR FUEL CHANNELS: ATRIUM BWR ENHANCED ACCIDENT MODEL" TOPICAL REPORT (EPID L-2025-TOP-0018) DATED MAY 11, 2026

**DISTRIBUTION:**

PUBLIC (Letter and Enclosure 2 only)  
NONPUBLIC (Enclosure 1)  
RidsNrrDorl Resource  
RidsNrrDorlLlpb Resource  
RidsNrrLADHarrison Resource  
RidsNrrOd Resource

RidsNrrDss Resource  
SKrepel, NRR  
ACollier, NRR  
JMessina, NRR  
NOtto, NRR  
DMarcano, NRR

**EXTERNAL DISTRIBUTION:**

[Morris.Byram.ext@framatome.com](mailto:Morris.Byram.ext@framatome.com)

**ADAMS Accession Nos.:**

**ML26097A401 (Package)**

**ML26097A399 (Letter)**

**ML26097A400 (Audit Report (Enclosure 1) - Proprietary)**

**ML26097A410 (Audit Report (Enclosure 2) - Nonproprietary)**

**e-Concurrence case: 20260413-20008**