



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

April 8, 2019

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

**SUBJECT: AUDIT REPORT FOR THE JANUARY 30 – 31, 2019, AUDIT IN SUPPORT OF
 THE REVIEW OF TOPICAL REPORT BAW-10227P, REVISION 1,
 SUPPLEMENT 1P “EVALUATION OF ADVANCED CLADDING AND
 STRUCTURAL MATERIAL (M5) IN PWR REACTOR FUEL”
 (CAC: MF9716/EPID: L-2017-TOP-0031)**

Dear Mr. Peters:

By letter dated May 4, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17130A708) Framatome Inc. (Framatome, formerly AREVA Inc.) submitted for the US Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) BAW-10227P, Revision 1, Supplement 1P, “Evaluation of Advanced Cladding and Structural Material (M5) in PWR [Pressurized Water Reactor] Reactor Fuel.”

The NRC staff conducted a regulatory audit to increase their level of knowledge and understanding of the topic and associated methodologies on January 30 through 31, 2019, at the Framatome facilities in Lynchburg, VA. The results of the audit will provide additional support for the NRC staff safety evaluation of the TR. The audit report is enclosed.

If you have any questions, please contact me at (301) 415-4053 or Jonathan.Rowley@nrc.gov.

Sincerely,

/RA/

Jonathan Rowley, Project Manager
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Enclosures:

1. Audit Report (Proprietary)
2. Audit Report (Non-Proprietary)

Project No. 728
Docket No. 99902041

NOTICE: The Enclosure transmitted herewith contains Official Use Only - Proprietary Information. When separated from the Enclosure, this transmittal document is decontrolled.

G. Peter

- 2 -

SUBJECT: AUDIT REPORT FOR THE JANUARY 30 – 31, 2019, AUDIT IN SUPPORT OF THE REVIEW OF TOPICAL REPORT BAW-10227P, REVISION 1, SUPPLEMENT 1P “EVALUATION OF ADVANCED CLADDING AND STRUCTURAL MATERIAL (M5) IN PWR REACTOR FUEL” (CAC: MF9716/EPID: L-2017-TOP-0031) DATE: APRIL, 8, 2019

DISTRIBUTION:

PUBLIC	RidsNrrDlp	APatel, NRR
RidsNrrDssSnpb	RidsNrrLADHarrison	RLukes, NRR
RidsNrrDss	RidsNrrDlpPlpb	JRowley, NRR
DMorey, NRR	PClifford, NRR	

ADAMS Accession Nos.:

Cover Letter- ML19043A68

Audit Report (Proprietary)- ML19043A846

Audit Report (Non-Proprietary)- ML19043A842

Package- ML19043A831

*** Concurrence by email**

OFFICE	DLP/PLPB	DLP/PLPB/LA	DSS/SNPB/BC	DLP/PLPB/BC	DLP/PLPB
NAME	JRowley	DHarrison*	RLukes	DMorey	JRowley
DATE	2/ 26 /2019	2/ 26 /2019	4/ 4 /2019	4/ 8 /2019	4/ 8 /2019

OFFICIAL RECORD COPY