



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

July 13, 2021

MEMORANDUM TO: Dennis C. Morey, Chief
Licensing Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Ngola Otto, Project Manager */RA/*
Licensing Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 24, 2021, CLOSED MEETING WITH
FRAMATOME AND THE U. S. NUCLEAR REGULATORY
COMMISSION TO DISCUSS FRAMATOME TOPICAL REPORT
BAW-10227P, REVISION 2, "EVALUATION OF ADVANCED
CLADDING AND STRUCTURAL MATERIAL (M5) IN PWR FUEL,"
REQUESTS FOR ADDITIONAL INFORMATION 8, 9, 10

On June 24, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff held a closed teleconference meeting via Microsoft Teams with representatives from Framatome Inc. (Framatome). The purpose of the meeting was to discuss Framatome Topical Report (TR) BAW-10227P, Revision 2, "Evaluation of Advanced Cladding and Structural Material (M5) in PWR Fuel," Requests for Additional Information (RAIs) 8, 9, and 10 pertaining to cladding rupture strain during loss-of-coolant accident (LOCA). The meeting was noticed on June 14, 2021, and is available in the Agencywide Documents Access and Management System (ADAMS) Accession No. ML21165A323. This meeting is a follow-up discussion to an audit (ADAMS Accession No. ML21172A149) held on June 3, 2021, regarding RAIs 8, 9, and 10.

During the meeting, the Framatome representatives and the NRC staff discussed Framatome's information presented at the June 3, 2021, audit including, swelling and rupture models, NUREG-0630, "Cladding, Swelling and Rupture Models for LOCA Analysis," and M5_{Framatome} rupture strain curves. The NRC staff and Framatome representatives did not come to a resolution of the issues pertaining to RAIs 8, 9, and 10, but a follow-up closed meeting will be planned.

A list of the attendees is enclosed. This meeting summary can be found at ADAMS Accession No. ML21183A056 .

Docket No. 99902041

Enclosure: As stated

CONTACT: Ngola Otto, NRR/DORL
301-415-6695

List of Attendees

Closed Meeting between Framatome and the U.S. Nuclear Regulatory Commission
to Discuss Topical Report BAW-10227P, Revision 2, "Evaluation of Advanced Cladding and
Structural Material (M5) in PWR Fuel" Requests for Additional Information 8, 9, and 10

June 24, 2021

4:00 pm – 5:00 pm

<u>NAME</u>	<u>ORGANIZATION</u>
Morris Byram	Framatome Inc. (Framatome)
Lisa Gerken	Framatome
Nathan Hottle	Framatome
Evrard Lacroix	Framatome
Julie O'Shaughnessy	Framatome
John Lehning	U. S. Nuclear Regulatory Commission (NRC)
Ngola Otto	NRC
Josh Whitman	NRC

SUBJECT: SUMMARY OF JUNE 24, 2021, CLOSED MEETING WITH FRAMATOME AND THE U. S. NUCLEAR REGULATORY COMMISSION TO DISCUSS FRAMATOME TOPICAL REPORT BAW-10227P, REVISION 2, "EVALUATION OF ADVANCED CLADDING AND STRUCTURAL MATERIAL (M5) IN PWR FUEL," REQUESTS FOR ADDITIONAL INFORMATION 8, 9, 10 DATE JULY 13, 2021

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EXTERNAL DISTRIBUTION:

Morris.Byram@framatome.com

ADAMS Accession No.:

ML21183A056 (Summary)

***via email**

OFFICE	NRR/DORL/LLPB/PM*	NRR/DORL/LLPB/LA*	NRR/DORL/LLPB/BC*	NRR/DORL/LLPB/PM*
NAME	NOtto	DHarrison	DMorey	NOtto
DATE	7/1/2021	7/9/2021	7/13/2021	7/13/2021

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