



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

June 22, 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 MAY 25, 2021, PARTIALLY CLOSED MEETING  
BETWEEN FRAMATOME INC. AND THE U.S. NUCLEAR  
REGULATORY COMMISSION ON FUEL FRAGMENTATION  
RELOCATION AND DISPERSAL UPDATE FOR HIGHER BURNUP  
TOPICAL REPORT

On May 25, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff held a partially closed teleconference meeting via Microsoft Team (Open Session) and WebEx (Closed Session) with representatives from Framatome Inc. (Framatome). The purpose of the meeting was for Framatome to provide an update on the Fuel Fragmentation, Relocation and Dispersal (FFRD) in the High Burnup Topical Report (TR). The meeting was noticed on April 29, 2021, and is available in the Agencywide Documents Access and Management System (ADAMS) Accession No. ML21140A397.

During the open session, Framatome representatives provided an introduction on the High Burnup TR scope, which included extension of advanced methods to increased burnup, radiological evaluation of increased burnup, FFRD, and sample problems. There were no questions from members of the public during the open session. During the closed session, Framatome representatives and NRC staff discussed Framatome's presentation on dose assessment approach, High Burnup TR Table of Contents, expected sample problems, summary, and next steps. Framatome intends to have further interactions with NRC as its TR is developed.

A list of the attendees is enclosed. The Framatome presentation materials, including this meeting summary can be found at ADAMS Package Accession No. ML21141A235.

Docket No. 99902041

Enclosure: As stated

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

## List of Attendees

Partially Closed Meeting Between the U.S. Nuclear Regulatory Commission  
and Framatome, Inc. on Update for Fuel Fragmentation, Relocation and Dispersal Evaluation  
in High Burnup Topical Report

May 25, 2021  
3:30 pm – 5:00 pm

<u>NAME</u>	<u>ORGANIZATION</u>
Gary Peters	Framatome, Inc. (Framatome)
Bob Baxter	Framatome
Justin Byard	Framatome
Morris Byram	Framatome
Jim Hoerner	Framatome
Christina Jones	Framatome
Will Maxson	Framatome
Carol Naugle	Framatome
Joseph Donoghue	U.S. Nuclear Regulatory Commission (NRC)
David Wrona	NRC
Dennis Morey	NRC
Robert Lukes	NRC
Michael Orenak	NRC
Ngola Otto	NRC
Kevin Heller	NRC
Paul Clifford	NRC
John Lehning	NRC
Josh Whitman	NRC
Joseph Messina	NRC
Elijah Dickson	NRC
Mark Blumberg	NRC
Kent Wood	NRC

<b><u>NAME</u></b>	<b><u>ORGANIZATION</u></b>
Ethan Deters	NRC
Kristy Bucholtz	NRC
James Corson	NRC
Lucas Kyriazidis	NRC
Alice Chung	NRC
Shane Gardner	Exelon Nuclear

SUBJECT: SUMMARY OF MAY 25, 2021, PARTIALLY CLOSED MEETING BETWEEN FRAMATOME INC. AND THE U.S. NUCLEAR REGULATORY COMMISSION ON FUEL FRAGMENTATION RELOCATION AND DISPERSAL UPDATE FOR HIGHER BURNUP TOPICAL REPORT DATED JUNE 22, 2021

**DISTRIBUTION:**

PUBLIC	MOrnak, NRR
RidsACRS_MailCTR	JDonoghue, NRR
RidsNrrLADHarrison	DWrona, NRR
RidsOgcMailCenter	MJRoss-Lee, NRR
RidsNrrDssSfnb	MPanicker, NRR
RidsNrrDorLLpb	EDeters, NRR
RidsResOd	JKaizer, NRR
RidsNrrDss	JMessina, NRR
KHeller, NRR	EDickson, NRR
DMorey, NRR	MBlumberg, NRR
RLukes, NRR	KBucholtz, NRR
NOtto, NRR	JCorson, RES
MBernard, NRR	LKyriazidis, RES
PClifford, NRR	AChung, RES
JLehning, NRR	

**EXTERNAL DISTRIBUTION:**

Morris.Byram@framatome.com

**ADAMS Accession Nos:**

- ML21141A235 (Package)**
- ML21162A353 (Summary)**
- ML21140A397 (Notice)**
- ML21144A011 (Open Session Presentation)**
- ML21141A259 (Closed Session - Proprietary Presentation)**
- ML21141A250 (Closed Session - Nonproprietary Presentation)**
- ML21141A240 (Affidavit)**

**\*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	6/11/2021	6/16/2021	6/21/2021	6/22/2021

**OFFICIAL RECORD COPY**