



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

May 4, 2023

MEMORANDUM TO: Gerond A. George, Chief
Licensing Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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

SUBJECT: SUMMARY OF MARCH 29, 2023, PARTIALLY CLOSED HYBRID
PRE-SUBMITTAL MEETING BETWEEN FRAMATOME INC. AND
THE U.S. NUCLEAR REGULATORY COMMISSION ON
FRAMATOME INCREASED BURNUP TOPICAL REPORT
(EPID L-2023-LRO-0011)

On March 29, 2023, the U.S. Nuclear Regulatory Commission (NRC) staff held a partially closed (open session and closed session) hybrid meeting with in-person and remote participation via Microsoft Teams with representatives from Framatome Inc. (Framatome). The purpose of the meeting was for the NRC staff and the Framatome representatives to conduct pre-submittal discussions on an increased burnup topical report (TR) regarding core flow patterns following a loss-of-coolant accident (LOCA) with fuel fragmentation relocation and dispersal (FFRD). The meeting notice is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML23074A194. Other, increased burnup TR related meetings were held with the NRC staff and Framatome representatives on August 20, 2020 (ADAMS Accession No. ML20335A115), November 16, 2020 (ADAMS Accession No. ML20343A028), December 18, 2020 (ADAMS Accession No. ML20350B553), February 24, 2021 (ADAMS Accession No. ML21050A328), May 25, 2021 (ADAMS Accession No. ML21141A235), September 15, 2021 (ADAMS Accession No. ML21256A006), and May 4, 2022 (ADAMS Accession No. ML22122A048).

During the open session, the Framatome representatives provided a background on past FFRD discussions, their advanced fuel management program for LOCA with, scope of the future increased burnup TR submittal, and an introduction on the closed session topics, discussed later. There were no questions from members of the public. The discussion questions regarding proprietary information are described in Enclosure 2.

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

NOTICE: Enclosure 2 to this transmittal letter has proprietary information, once this letter is separated from Enclosure 2 it is decontrolled.

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A list of the attendees and proprietary discussion questions are enclosed. This meeting summary and other information associated with this meeting can be found at ADAMS Package Accession No. ML23086B933.

Docket No. 99902041

Enclosures:

- 1: List of Attendees
- 2: Proprietary Discussion Questions

List of Attendees

Partially Closed Hybrid Meeting with Framatome and the Nuclear Regulatory Commission on
Increased Burnup Topical Report Pre-Submittal Discussions

March 29, 2023

1:00 pm – 5:00 pm

<u>NAME</u>	<u>ORGANIZATION</u>
Morris Byram	Framatome Inc. (Framatome)
Lisa Gerken	Framatome
Philippe Bellanger	Framatome
Scott Franz	Framatome
Bob Baxter	Framatome
Gordon Wissinger	Framatome
Gayle Elliott	Framatome
Glen Seeburger	Framatome
Tom George	Framatome
Doug Neve	Framatome
Nithian Nithianandan	Framatome
John Klingenfus	Framatome
Jeffery lane	Framatome
Gerald Holm	Framatome
Nicole Allen	Framatome
Paul Clifford	Framatome
Nathan Hottle	Framatome
Doug Neve	Framatome
Ngola Otto	U. S. Nuclear Regulatory Commission (NRC)

Enclosure 1

<u>NAME</u>	<u>ORGANIZATION</u>
Chris Van Wert	NRC
Elijah Dickson	NRC
Mathew Panicker	NRC
Nick Smith	NRC
Joseph Messina	NRC
Patrick Raynaud	NRC
Daniel King	NRC
Lucas Kyriazidis	NRC
Mark Blumberg	NRC
Andrew Bielen	NRC
Christopher Brown	NRC
Jeffery Smith	NRC
Brandon Wise	NRC
Zena Abdullahi	NRC
Brian Wittick	NRC
Todd Hilsmeier	NRC
John Parillo	NRC
Alice Chung	NRC
Mike Franovich	NRC
George Thomas	NRC
Matthew Bernard	NRC
Carla Roque-Cruz	NRC
Joshua Kaizer	NRC
Hossein Esmaili	NRC
Meena Khanna	NRC
Kristy Bucholtz	NRC
April Pulvirenti	NRC

<u>NAME</u>	<u>ORGANIZATION</u>
MJ Ross-Lee	NRC
Gregory Suber	NRC
Kevin Heller	NRC
Scott Krepel	NRC
Gerond George	NRC
John Lehning	NRC
James Corson	NRC
John Jones	
Jana Bergman	

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SUBJECT: SUMMARY OF MARCH 29, 2023, PARTIALLY CLOSED HYBRID PRE-SUBMITTAL MEETING BETWEEN FRAMATOME INC. AND THE U.S. NUCLEAR REGULATORY COMMISSION ON FRAMATOME INCREASED BURNUP TOPICAL REPORT (EPID L-2023-LRO-0011) DATED MAY 4, 2023

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RidsNrrDorlLlpb	PRaynaud, RES	MFranovich, NRR
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JLehning, NRR	ABielen, RES	MKhanna, NRR
NOtto, NRR	ACHung, RES	KBucholtz, NRR
GGeorge, NRR	CBrown, ACRS	APulvirenti, NRR
MJRoss-Lee, NRR	ZAbdullahi, ACRS	

EXTERNAL DISTRIBUTION:
Morris.Byram@framatome.com

- ADAMS Accession Nos.:**
ML23086B933 (Package)
ML23107A269 (Summary)
ML23074A194 (Notice)
ML23087A001 (Affidavit)
ML23104A428 (Enclosure 2 - Proprietary)
ML23086B934 (Open Session Presentation)
ML23086B935 (Closed Session – Proprietary Presentation)
ML23087A002 (Closed Session – Nonproprietary Presentation) *via eConcurrence

OFFICE	NRR/DORL/LLPB/PM*	NRR/DORL/LLPB/LA*	NRR/DORL/LLPB/PM*
NAME	JSmith	DHarrison	NOtto
DATE	4/18/2023	4/24/2023	4/27/2023
OFFICE	NRR/DORL/LLPB/BC*	NRR/DORL/LLPB/PM*	
NAME	GGeorge	JSmith	
DATE	4/28/2023	5/04/2023	

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