



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

April 8, 2021

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

A handwritten signature in black ink, appearing to read "Ngola Otto", is written over the signature line.

Signed by Otto, Ngola
on 04/08/21

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

SUBJECT: SUMMARY OF APRIL 1, 2021, CLOSED PRE-SUBMITTAL MEETING
BETWEEN FRAMATOME INC. AND THE U.S. NUCLEAR
REGULATORY COMMISSION TO DISCUSS TOPICAL REPORT
APOLLO2-A AND ARTEMIS-B FOR BOILING WATER REACTORS

On April 1, 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) APOLLO2-A and ARTEMIS-B for Boiling Water Reactors (BWRs). The meeting was noticed on March 10, 2021, and is available in the Agencywide Documents Access and Management System (ADAMS) Accession No. ML21073A000.

During the closed meeting, the Framatome representatives and the NRC staff discussed Framatome's presentations which provided an overview of the upcoming TR submittal, including the outline, computer code changes, APOLLO2-A and ARTEMIS-B verification and validation, power distribution uncertainty, validation requirements, implementation into BWR methods, summary, and next steps for future interactions.

A list of the attendees is enclosed. The Framatome presentation materials, including this meeting summary, can be found at ADAMS Package Accession No. ML21089A181.

Docket No. 99902041

Enclosure: As stated

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

List of Attendees

Closed Pre-submittal Meeting Between Framatome Inc. and the U.S. Nuclear Regulatory
Commission to Discuss Topical Report APOLLO2-A and ARTEMIS-B
for Boiling Water Reactors

April 1, 2021

1:00 pm – 4:00 pm

<u>NAME</u>	<u>ORGANIZATION</u>
Alan Meginnis	Framatome Inc. (Framatome)
Kevin Quick	Framatome
Alex Bennett	Framatome
Paul Smith	Framatome
Jaron Senecal	Framatome
Robert Lukes	U. S. Nuclear Regulatory Commission (NRC)
Ngola Otto	NRC
Benjamin Parks	NRC
Mathew Panicker	NRC
Jeremy Dean	NRC

Enclosure

SUBJECT: SUMMARY OF APRIL 1, 2021, CLOSED PRE-SUBMITTAL MEETING
BETWEEN FRAMATOME INC. AND THE U.S. NUCLEAR REGULATORY
COMMISSION TO DISCUSS TOPICAL REPORT APOLLO2-A AND ARTEMIS-B
FOR BOILING WATER REACTORS DATED: APRIL 8, 2021

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DMorey, NRR

RLukes, NRR

MPanicker, NRR

BParks, NRR

NOtto, NRR

JDean, NRR

EXTERNAL DISTRIBUTION:

Alan.Meginnis@framatome.com

ADAMS Accession Nos.:

ML21089A181 (Package)

ML21095A111 (Summary)

ML21089A172 (Affidavit)

ML21089A177 (Presentation – Proprietary)

ML21092A149 (Presentation – Non-Proprietary)

***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	4/2/2021	4/5/2021	4/7/2021	4/8/2021

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Enclosure