



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

January 21, 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 OCTOBER 28, 2020, PARTIALLY CLOSED  
PRE-SUBMITTAL MEETING WITH FRAMATOME, INC. AND THE U.S.  
NUCLEAR REGULATORY COMMISSION REGARDING  
PRESSURIZED WATER REACTOR CHROMIA-DOPED FUEL  
TOPICAL REPORT ANP-10340P (SUPPLEMENT)  
(EPID L-2020-TOP-0052)

On October 28, 2020, the U.S. Nuclear Regulatory Commission (NRC) staff held a partially closed teleconference meeting via Microsoft Teams with representatives from Framatome Inc. (Framatome). The purpose of the meeting was to discuss Framatome's Topical Report (TR) ANP-10340P (Supplement) for future planned submittal. The meeting was noticed on October 16, 2020, and is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML20302A070.

During the open session, Framatome representatives described the objectives of the meeting and provided a description of the Chromia-coated cladding, Chromia-doped fuel pellets, and background information about the TR. During the closed meeting, Framatome representatives and NRC staff discussed Framatome's presentations on adaptation of GALILEO Models, Qualification Database, Qualification of GALILEO for Chromia-doped Fuel, Sample Problems (Mechanical, Loss-of-Coolant Accident (LOCA), Non-LOCA), 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. ML21008A056.

Docket No. 99902041

Enclosure: As stated

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

**List of Attendees**

PARTIALLY CLOSED PRE-SUBMITTAL MEETING BETWEEN THE U.S. NUCLEAR  
REGULATORY COMMISSION AND FRAMATOME INC.  
REGARDING PRESSURIZED WATER REACTOR CHROMIA-DOPED FUEL  
TOPICAL REPORT ANP-10340P (SUPPLEMENT)  
OCTOBER 28, 2020  
3:00 pm – 5:00 pm

<b><u>NAME</u></b>	<b><u>ORGANIZATION</u></b>
Jerald Holm	Framatome Inc. (Framatome)
Yusen Qi	Framatome
Nathan Hottle	Framatome
Buck Barner	Framatome
Philippe Bellanger	Framatome
Andrei Burghilea	Framatome
Lisa Gerken	Framatome
Jeff Seals	Framatome
Jacki Stevens	Framatome
Will Maxson	Framatome
Robert Lukes	U. S. Nuclear Regulatory Commission (NRC)
Dennis Morey	NRC
Michael Orenak	NRC
Ngola Otto	NRC
Paul Clifford	NRC
Josh Whitman	NRC
Kent Wood	NRC

SUBJECT: SUMMARY OF OCTOBER 28, 2020, PARTIALLY CLOSED PRE-SUBMITTAL MEETING WITH FRAMATOME AND THE U.S. NUCLEAR REGULATORY COMMISSION REGARDING PWR CHROMIA-DOPED FUEL TOPICAL REPORT ANP-10340P (SUPPLEMENT) (EPID L-2020-TOP-0052) DATED JANUARY 21, 2021

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**EXTERNAL DISTRIBUTION:**

Jerald.Holm.ext@framatome.com

**ADAMS Accession Nos.:**

**ML21008A056 (Package)**

**ML21008A051 (Summary)**

**ML21008A053 (Affidavit)**

**ML21008A054 (Presentation - Proprietary)**

**ML21008A052 (Presentation - Non-Proprietary)**

**\*via e-mail**

OFFICE	NRR/DORL/LLPB/PM*	NRR/DORL/LLPB/LA*	NRR/DORL/LLPB/BC*	NRR/DORL/LLPB/PM*
NAME	NOtto	DHarrison	DMorey	NOtto
DATE	1/6/2021	1/8/2020	01/21/2021	01/21/2021

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