



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

June 7, 2018

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

FROM: Jonathan G. Rowley, Project Manager */RA/*
Licensing Processes Branch
Division of Licensing Projects
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF APRIL 25, 2018, CLOSED PRE-SUBMITTAL
MEETING WITH FRAMATOME INC. TO DISCUSS THE
FORTHCOMING Z4B™ MATERIAL TOPICAL REPORT
(EMF-93-177, REVISION 1, SUPPLEMENT 2P, REVISION 1)

On April 25, 2018, a closed pre-submittal meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and Framatome Inc. (Framatome) to discuss the purpose of, content of, and submittal plans for forthcoming Topical Report (TR) EMF-93-177, Revision 1, Supplement 2P, Revision 1, "Mechanical Design for BWR Fuel Channels: Z4B™ Material." Framatome will seek approval of the Z4B material so that the industry safety issue of control blade interference due to fuel channel distortion can be addressed. The Z4B material improves resistance to abnormal fuel channel bow.

During the meeting, Framatome informed the NRC staff of the objectives of the TR, its content, the relationship with other TRs, the Z4B material composition, the Z4B properties, and the Z4B irradiation experience. Framatome also proposed a schedule to submit, review, and approve the TR.

A list of attendees is enclosed. The Framatome presentation material can be found in the Agencywide Documents Access and Management System at Accession Nos. ML18121A280 (proprietary) and ML18121A281 (non-proprietary).

CONTACT: Jonathan G. Rowley, DLP/PLPB
(301) 415-4053

Project No. 728
Docket No. 99902041

Enclosure:
List of Attendees

SUBJECT: SUMMARY OF APRIL 25, 2018, CLOSED PRE-SUBMITTAL MEETING WITH FRAMATOME INC. TO DISCUSS THE FORTHCOMING Z4B™ MATERIAL TOPICAL REPORT (EMF-93-177, REVISION 1, SUPPLEMENT 2P, REVISION 1) DATED JUNE 7, 2018

DISTRIBUTION:

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DMorey, NRR
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EXTERNAL DISTRIBUTION:

jeff.morris@framatome.com
gerald.holm.ext@framatome.com
kevin.mon@framatome.com

ADAMS Accession Nos.:

PKG ML18150A661

Meeting Notice ML18102B351

Meeting Summary ML18150A669

Presentation ML18121A280 and ML18121A281

NRC-001

OFFICE	PLPB/PM	PLPB/BC	PLPB/PM
NAME	JRowley	DMorey	JRowley
DATE	05/30/2018	06/07/2018	06/07/2018

OFFICIAL RECORD COPY

List of Attendees

Meeting with Framatome Regarding Plan to Resume the Review of ANP-10323P

April 25, 2018

Name	Organization
Jeff Morris	Framatome
Kevin Mon	Framatome
Jerald Holm	Framatome
Jonathan Rowley	U.S. Nuclear Regulatory Commission (NRC)
Robert Lukes	NRC
Paul Clifford	NRC
Joshua Whitman	NRC
Joshua Kaizer	NRC