



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

December 13, 2023

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

FROM: Ekaterina Lenning, Project Manager /RA/
Licensing Projects Branch
Division of Operating Reactors Licensing
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF CLOSED PRE-SUBMITTAL MEETING FOR
THE FUTURE SUBMITTAL OF WESTINGHOUSE ELECTRIC
COMPANY TOPICAL REPORT WCAP-18850-P/NP, REVISION
0, "ADAPTATION OF FULL SPECTRUM™ LOCA (FSLOCA™)
EVALUATION METHODOLOGY TO PERFORM CLADDING
RUPTURE CALCULATIONS FOR HIGH BURNUP FUEL"
(PROPRIETARY/NON-PROPRIETARY)
(EPID L-2023-LRM-0093)

On November 15, 2023, a closed pre-submittal virtual meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and Westinghouse Electric Company (Westinghouse) representatives. The purpose of the meeting was for Westinghouse representatives to present proprietary information related to the future submittal of Westinghouse Topical Report WCAP-18850-P/NP, Revision 0, "Adaptation of FULL SPECTRUM™ LOCA (FSLOCA™) Evaluation Methodology to Perform Cladding Rupture Calculations for High Burnup Fuel." The Westinghouse representatives started the presentation with a background on Westinghouse's FSLOCA evaluation methodology and incremental burnup. The Westinghouse representatives continued the presentation with the details on fuel rod model assessment, and kinetics and decay heat model assessment, then concluded the presentation with an overview of the uncertainty analysis including treatment of regions and uncertainty contributors, and limitations and conditions.

By a letter dated October 17, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML23296A233), Westinghouse submitted an executive summary, and by a letter dated November 14, 2023 (ADAMS Accession No. ML23318A484), Westinghouse submitted the presentation slides. The meeting was noticed on October 17, 2023, and the meeting notice is available in ADAMS under Accession No. ML23290A186. The list of attendees is enclosed.

Enclosure:
List of Attendees

CONTACT: Ekaterina Lenning, NRR/DORL
301-415-3151

**ATTENDEES FOR THE CLOSED PRE-SUBMITTAL MEETING FOR THE FUTURE
SUBMITTAL OF WESTINGHOUSE ELECTRIC COMPANY TOPICAL REPORT
WCAP-18850-P/NP, REVISION 0, “ADAPTATION OF FULL SPECTRUM™ LOCA
(FSLOCA™) EVALUATION METHODOLOGY TO PERFORM CLADDING RUPTURE
CALCULATIONS FOR HIGH BURNUP FUEL” (PROPRIETARY/NON-PROPRIETARY)**

(EPID L-2023-LRM-0093)

NOVEMBER 15, 2023

10:30 AM – 12:30 PM

Attendees	Organization
Scott Krepel	Nuclear Regulatory Commission (NRC)
Kevin Heller	NRC
Joseph Messina	NRC
John Lehning	NRC
Lois James	NRC
Ekaterina Lenning	NRC
Daniel King	NRC
Rachel Christian	Westinghouse Electric Company (Westinghouse)
Andrew Bowman	Westinghouse
Jeffrey Kobelak	Westinghouse
Kevin Barber	Westinghouse
Michael Boone	Westinghouse
Eric Husser	Westinghouse
Zeses Karoutas	Westinghouse
Yun Long	Westinghouse

SUBJECT: SUMMARY OF CLOSED PRE-SUBMITTAL MEETING FOR THE FUTURE SUBMITTAL OF WESTINGHOUSE ELECTRIC COMPANY TOPICAL REPORT WCAP-18850-P/NP, REVISION 0, "ADAPTATION OF FULL SPECTRUM™ LOCA (FSLOCA™) EVALUATION METHODOLOGY TO PERFORM CLADDING RUPTURE CALCULATIONS FOR HIGH BURNUP FUEL" (PROPRIETARY/NON-PROPRIETARY) (EPID L-2023-LRM-0093) DATED DECEMBER 13, 2023

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ADAMS Accession Nos.:

ML23339A078 (Package)

ML23290A186 (Notice)

ML23339A086 (Meeting Summary)

NRR-106

OFFICE	NRR/DORL/LLPB/PM	NRR/DORL/LLPB/LA	NRR/DORL/LLPB/BC	NRR/DORL/LLPB/PM
NAME	ELenning	DHarrison	GGeorge	ELenning
DATE	12/5/2023	12/8/2023	12/12/2023	12/13/2023

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