



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

November 21, 2022

MEMORANDUM TO: Lois James, Acting Chief
Licensing Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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

SUBJECT: SUMMARY OF AUGUST 10, 2022, CLOSED TECHNOLOGY
UPDATE MEETING WITH GE HITACHI NUCLEAR ENERGY
AMERICAS, GLOBAL NUCLEAR FUEL, AND THE U.S. NUCLEAR
REGULATORY COMMISSION (EPID L-2022-NTM-0003)

On August 10, 2022, a hybrid closed meeting was held between the U.S. Nuclear Regulatory Commission staff and representatives from GE Hitachi Nuclear Energy Americas (GEH) and Global Nuclear Fuel (GNF) virtually and in-person attendance in Wilmington, NC, to discuss proprietary information regarding GEH and GNF fuel performance and future plans. The meeting was noticed on July 14, 2021, and the meeting notice with agenda is available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML22195A075.

In the morning portion of the meeting the GEH and GNF representatives provided updates on the control blade inspection, fuel performance, and accident tolerant fuel program including a presentation on the proposed approach to fuel fragmentation, relocation, and dispersal. Additionally, the GNF representatives provided updates on the increased enrichment (LEU+) and higher burnup.

During the afternoon portion of the meeting the GEH and GNF representatives provided updates on ARMOR 1.5/2.0, LANCR downstream methods plan, channels annual report, PRIME 7-year update and LEU+, the BWR-X300 technology, and licensing activities and plans.

A list of the attendees is enclosed. By a letter dated October 20, 2022, GEH and GNF submitted presentations (ADAMS Accession No. ML22293B790).

Docket Nos. 99900003 and 99901376

Enclosure:
As stated

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

List of Attendees

2022 Hybrid Closed Technology Update Meeting between GE-Hitachi Nuclear Energy
Americas, Global Nuclear Fuel, and the U.S. Nuclear Regulatory Commission

August 10, 2022

9:00 am – 5:00 pm

<u>NAME</u>	<u>ORGANIZATION</u>
Joseph Donoghue	Nuclear Regulatory Commission (NRC)
Mary Jane Ross-Lee	NRC
Scott Krepel	NRC
Rebecca Patton	NRC
Richard Chang	NRC
Ekaterina Lenning	NRC
Daniel King	NRC
Christopher Jackson	NRC
Josh Whitman	NRC
Ryan Nolan	NRC
John Lehning	NRC
Ahsan Sallman	NRC
Andrew Proffitt	NRC
Brandon Wise	NRC
Charley Peabody	NRC
Kevin Heller	NRC
Robert Beaton	NRC
Santosh Bhatt	NRC
Syed Haider	NRC
Ashley Smith	NRC

List of Attendees (Continued)

<u>NAME</u>	<u>ORGANIZATION</u>
Elijah Dickson	NRC
Josh Kaizer	NRC
Rosemary Sugrue	NRC
Summer Sun	NRC
James Corson	NRC
Jeremy Dean	NRC
Joseph Messina	NRC
Mathew Panicker	NRC
Benjamin Parks	NRC
Adam Rau	NRC
Shanlai Lu	NRC
Joseph Lucas	NRC
Syed Haider	NRC
Jason Piotter	NRC
John Budzynski	NRC
Lucas Kyriazidis	NRC
Brandon Wise	NRC
Antonio Barrett	NRC
Michelle Catts	GE-Hitachi Nuclear Energy Americas (GEH)/Global Nuclear Fuel (GNF)
Brian Moore	GEH/GNF
Kent Halac	GEH/GNF
Samantha Michael	GEH/GNF
Rich Augi	GEH/GNF
David Barrientos	GEH/GNF
Scott Bowman	GEH/GNF

List of Attendees (Continued)

<u>NAME</u>	<u>ORGANIZATION</u>
Connor Myles	GEH/GNF
Charles Heck	GEH/GNF
Roseanne Harrington	GEH/GNF
Rob Schneider	GEH/GNF
Tyler Schweitzer	GEH/GNF
Lukas Trosman	GEH/GNF
Karen Tyler	GEH/GNF
Shawn Lamb	GEH/GNF
Justin Lamy	GEH/GNF
Mason Makovicka	GEH/GNF
Kurshad Muftuoglu	GEH/GNF
Jeanne M. Thome	GEH/GNF
Sarah Desilva	GEH/GNF
Paula Freyer	GEH/GNF
Peter Diller	GEH/GNF
Thomas Stoddard	GEH/GNF
Eric Kirstein	GEH/GNF
Suzanne Kroma	GEH/GNF
John C Hannah	GEH/GNF
Randy Jacobs	GEH/GNF
Russ M. Fawcett	GEH/GNF
Natasha Rowell	GEH/GNF
Ian Porter	GEH/GNF
Colleen Polit	GEH/GNF
Yang-Pi Lin	GEH/GNF
Guangjun Li	GEH/GNF

List of Attendees (Continued)

<u>NAME</u>	<u>ORGANIZATION</u>
Dan Lutz	GEH/GNF
Patty McCumbee	GEH/GNF
Tao Wu	GEH/GNF
Baris Sarikaya	Constellation Nuclear
Jim Head	Entergy
Randall James Dunavant	Southern Co.

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ADAMS Accession Nos.:

ML22314A213 (Package)

ML22195A075 (Meeting Notice)

ML22314A218 (Summary)

OFFICE	NRR/DORL/LLPB/PM	NRR/DORL/LLPB/LA	NRR/DORL/LLPB/(A)BC	NRR/DORL/LLPB/PM
NAME	ELenning	DHarrison	LJames	ELenning
DATE	11/10/2022	11/18/2022	11/18/2022	11/21/2022

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