



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

July 9, 2021

MEMORANDUM TO: Dennis C. Morey, 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 JUNE 22, 2021, PARTIALLY CLOSED MEETING WITH
GLOBAL NUCLEAR FUEL AND U.S. NUCLEAR REGULATORY
COMMISSION REGARDING HIGHER BURNUP ADVANCED BOILING
WATER REACTOR FUELS

On June 22, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff held a closed teleconference meeting via Microsoft Teams with representatives from Global Nuclear Fuel (GNF). The purpose of the meeting was for GNF representatives and the NRC staff to discuss plans for using higher burnup (HBU) advanced boiling water reactor (BWR) fuels. The meeting was noticed on June 10, 2021, and the meeting notice is available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML21167A349. This meeting was a follow-up to the March 18, 2021, partially closed meeting (ADAMS Package Accession No. ML21064A404) with GNF on HBU BWR fuels.

During the open session of the meeting, representatives from GNF provided an overview of the GNF plan for risk-informed licensing for increasing the burnup limit for BWR fuels (GNF slides for the open session are publicly available in ADAMS under Accession No. ML21159A207). There were no questions from members of the public during the open session.

During the closed session of the meeting, the GNF representatives discussed the risk-informed approach, scope of the topical report (TR) and approval strategy, plans for hydrogen pickup model, risk assessments for specific impacted analyses, and addressed the NRC staff's questions pertaining to its planned submittal of its HBU extension TR.

A list of the attendees is enclosed.

Enclosure: As stated

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

List of Attendees

PARTIALLY CLOSED MEETING WITH GLOBAL NUCLEAR FUEL AND
U.S. NUCLEAR REGULATORY COMMISSION REGARDING
HIGHER BURNUP ADVANCED BOILING WATER REACTOR FUELS
JUNE 22, 2021
10:00 am – 1:00 pm

<u>NAME</u>	<u>ORGANIZATION</u>
Paul Cantonwine	Global Nuclear Fuel – Americas (GNF)
Peter Diller	GNF
Christopher Edgar	GNF
Russ Fawcett	GNF
Kent Halac	GNF
Roseanne Harrington	GNF
James Harrison	GNF
Randy Jacobs	GNF
Christopher Kmiec	GNF
Shawn Lamb	GNF
Guangjun Li	GNF
Dan Lutz	GNF
Sheikh Mahmood	GNF
Mason Makovicka	GNF
Patty McCumbee	GNF
Brian Moore	GNF
Kurshad Muftuoglu	GNF
Ian Porter	GNF
Russell Stachowski	GNF
Karen Tyler	GNF
William Gassmann	Exelon Generation Company
Randall Dunavant	Southern Nuclear Company
Michelle Bales	U. S. Nuclear Regulatory Commission (NRC)
Alice Chung	NRC
Paul Clifford	NRC
James Corson	NRC
Elijah Dickson	NRC
Joseph Donoghue	NRC
Kevin Heller	NRC
Joshua Kaizer	NRC

<u>NAME</u>	<u>ORGANIZATION</u>
Lucas Kyriazidis	NRC
John Lehning	NRC
Ekaterina Lenning	NRC
Robert Lukes	NRC
Joseph Messina	NRC
Michael Orenak	NRC
Mathew Panicker	NRC
Benjamin Parks	NRC
Ashley Smith	NRC
Josh Whitman	NRC
Kent Wood	NRC
Zena Abdullahi	Advisory Committee on Reactor Safeguards (ACRS)
Joy Rempe	ACRS

SUBJECT: SUMMARY OF JUNE 22, 2021, PARTIALLY CLOSED MEETING WITH GLOBAL NUCLEAR FUEL AND U.S. NUCLEAR REGULATORY COMMISSION REGARDING HIGHER BURNUP ADVANCED BOILING WATER REACTOR FUELS DATED JULY 9, 2021

DISTRIBUTION:

PUBLIC	JWhitman, NRR
RidsACRS_MailCTR	KHeller, NRR
RidsNrrLADHarrison	JKaizer, NRR
RidsOgcMailCenter	ELenning, NRR
RidsNrrDssSfnb	JMessina, NRR
RidsNrrDorLLpb	EDickson, NRR
RidsResOd	LWilkins, NRR
RidsNrrDss	ASmith, NRR
KHeller, NRR	AProffitt, NRR
DMorey, NRR	MPanicker, NRR
RLukes, NRR	MBales, RES
JDonoghue, NRR	JCorson, RES
MJRoss-Lee, NRR	AChung, RES
KWood, NRR	LKyriazidis, RES
PClifford, NRR	JMarch-Leuba, ACRS
MPanicker, NRR	ZAbdullahi, ACRS
JLehning, NRR	JRempe, ACRS
BWise, NRR	CBrown, ACRS

EXTERNAL DISTRIBUTION:

Kent.Halac@ge.com

ADAMS Accession Nos.:

ML21188A032 (Package)

ML21188A120 (Summary)

ML21167A349 (Notice)

OFFICE	NRR/DORL/LLPB/PM	NRR/DORL/LLPB/LA	NRR/DORL/LLPB/BC	NRR/DORL/LLPB/PM
NAME	ELenning	DHarrison	DMorey	ELenning
DATE	07/07/2021	07/08/2021	07/09/2021	07/09/2021

OFFICIAL RECORD COPY