



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

February 11, 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 FEBRUARY 2, 2021, PARTIALLY CLOSED MEETING WITH EXELON GENERATION COMPANY, SOUTHERN NUCLEAR COMPANY, GLOBAL NUCLEAR FUEL, AND THE U.S. NUCLEAR REGULATORY COMMISSION REGARDING HIGHER BURNUP AND INCREASED ENRICHMENT FOR ADVANCED BOILING WATER REACTOR FUELS (EPID L-2021-NTM-0000)

On February 2, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff held a partially closed teleconference meeting via Microsoft Teams with representatives from Exelon Generation Company (Exelon), Southern Nuclear Company (SNC), and Global Nuclear Fuel (GNF). The purpose of the meeting was for Exelon, SNC, GNF and the NRC staff to discuss plans for using higher burnup (HBU) and higher enrichment advanced Boiling Water Reactor (BWR) fuels. The meeting was noticed on January 14, 2021, and is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML21029A173.

During the open session of the meeting industry representatives from Exelon, SNC, and GNF discussed key issues and motivation for HBU and increased enrichment (IE) for BWR fuels. There were no questions from members of the public during the open session. During the closed session of the meeting, industry representatives from Exelon, SNC, and GNF discussed planned technical activities to support HBU BWR fuels, including risk-informed licensing approach for high burnup extension and addressed the NRC staff's questions pertaining to their licensing approach.

A list of the attendees is enclosed. The presentation materials, including this meeting summary, can be found at ADAMS Package Accession No. ML21026A240.

Enclosure: As stated

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

**List of Attendees**

PARTIALLY CLOSED MEETING WITH EXELON GENERATION COMPANY,  
SOUTHERN NUCLEAR COMPANY, GLOBAL NUCLEAR FUEL, AND  
THE U.S. NUCLEAR REGULATORY COMMISSION REGARDING  
HIGHER BURNUP AND INCREASED ENRICHMENT FOR ADVANCED BWR FUELS  
FEBRUARY 2, 2021  
3:30 pm – 5:00 pm

<b><u>NAME</u></b>	<b><u>ORGANIZATION</u></b>
Bill Gassmann	Exelon Generation Company (Exelon)
Scot Greenlee	Exelon
Dave Gullott	Exelon
Ken Petersen	Exelon
Rebecca Steinman	Exelon
Phil Wengloski	Exelon
Paul Cantonwine	Global Nuclear Fuel – Americas (GNF)
Michelle Catts	GNF
Bill Cline	GNF
Peter Diller	GNF
Russ Fawcett	GNF
Kent Halac	GNF
John Hannah	GNF
Jim Harrison	GNF
Randy Jacobs	GNF
Patty McCumbee	GNF
Brian Moore	GNF
Tammy Orr	GNF
Tyler Schweitzer	GNF
Russell Stachowski	GNF
Tao Wu	GNF
Johnathan Chavers	Southern Nuclear Company (SNC)
Randall Dunavant	SNC
Ryan Joyce	SNC
John Williams	SNC
Joseph Donoghue	U. S. Nuclear Regulatory Commission (NRC)
Philip McKenna	NRC
MJ Ross-Lee	NRC
Robert Lukes	NRC
Dennis Morey	NRC
Scott Krepel	NRC

<b><u>NAME</u></b>	<b><u>ORGANIZATION</u></b>
Michael Orenak	NRC
Ngola Otto	NRC
Kevin Heller	NRC
Paul Clifford	NRC
Andrew Proffitt	NRC
Mathew Panicker	NRC
John Lehning	NRC
Brandon Wise	NRC
John Wise	NRC
Joseph Lucas	NRC
Josh Whitman	NRC
Lucas Kyriazidis	NRC
Andrew Barto	NRC
Robert Beaton	NRC
James Corson	NRC
Michelle Bales	NRC
Alice Chung	NRC
Steve Cowne	Public
Benjamin Holtzman	Nuclear Energy Institute (NEI)
Robert S. Daum	Electric Power Research Institute (EPRI)

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JDonoghue, NRR	JWise, NMSS
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PMcKenna, NRR	JLucas, OCHCO

**EXTERNAL DISTRIBUTION:**

Rebecca.Steinman@exeloncorp.com

**ADAMS Accession Nos.:**

**ML21026A240 (Package)**

**ML21026A240(Summary)**

**ML21029A076 (Affidavit)**

**ML21029A075 (Presentation - Proprietary)**

**ML21026A234 (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	2/5/2021	2/9/2021	2/10/2021	2/11/2021

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