



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

June 3, 2021

LICENSEE: Exelon Generation Company, LLC

FACILITY: Braidwood Station, Units 1 and 2

SUBJECT: SUMMARY OF MAY 12, 2021, MEETING WITH EXELON GENERATION COMPANY, LLC, RELATED TO PLANNED LICENSE AMENDMENTS TO MODIFY THE ULTIMATE HEAT SINK TECHNICAL SPECIFICATIONS (EPID: L-2021-LRM-0040)

On May 12, 2021, an Observation public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), and representatives of Exelon Generation Company, LLC (Exelon, the licensee). The purpose of the meeting was for Exelon to provide information about planned amendments for Braidwood Station, Units 1 and 2. The planned amendments would modify the ultimate heat sink (UHS) technical specifications (TSs). The meeting notice and agenda, dated April 8, 2021, are available in Agencywide Documents Access and Management System (ADAMS) at Accession No. ML21131A041. The licensee's presentation is available in ADAMS at Accession No. ML21130A625. A list of attendees is provided as Enclosure 1.

The licensee discussed the daily cyclical nature of the UHS average temperature throughout the summer and presented information regarding two planned license amendment requests to modify the UHS TS limiting condition for operation (LCO). Specifically, the proposed short-term request would temporarily increase the UHS average water temperature surveillance requirement (SR) from 102 degrees Fahrenheit to 102.8 degrees Fahrenheit. The licensee stated that the planned request would be similar to a previous request that was approved in September 2020 (ADAMS Accession No. ML20245E419). The short-term request submittal was planned for May 2021.

The licensee also discussed a proposed long-term license amendment request to add Required Actions to the TS 3.7.9 LCO. Action A.1 would allow for the licensee to use existing margin to calculate a maximum analyzed UHS temperature limit. The licensee discussed the technical evaluation for calculating the most bounding maximum temperature limit for accident and normal conditions. Action A.2 would require the licensee to restore the UHS average temperature to within limit with a completion time of 7 days. The NRC staff noted the proposed verbiage in A.2 implies an action to be taken by the licensee to lower UHS average temperature and queried the licensee as to what action would be taken. The licensee responded that UHS average temperature would lower due to the natural diurnal cycle, and no licensee actions would be taken. However, the licensee also stated potentially revising the proposed wording. Additionally, the NRC staff queried the licensee on the basis for the 7 days. The licensee responded that the time would allow for the natural diurnal cycle to cool the UHS to within the SR limit without cycling the units. The NRC staff noted the proposed completion time could allow for the licensee to enter and exit the LCO daily. In response, the licensee stated that they

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may evaluate a bounding cumulative limit for the completion time. The long-term request submittal is planned for the third quarter 2021.

No members of the public were in attendance. No regulatory decisions were made during this meeting.

Please direct any inquiries to me at 301-415-6606 or Joel.Wiebe@nrc.gov.

/RA/

Joel S. Wiebe, Senior Project Manager
Plant Licensing Branch III
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-456, STN 50-457

Enclosure: List of Attendees

cc: Listserv

LIST OF ATTENDEES
MAY 12, 2021, MEETING WITH
EXELON GENERATION COMPANY, LLC
POTENTIAL AMENDMENT REQUEST TO MODIFY THE ULTIMATE HEAT SINK
TECHNICAL SPECIFICATIONS

U. S. Nuclear Regulatory Commission

Nancy Salgado
Joel Wiebe
Jacquelyn Harvey
Brian Wittick
Joshua Wilson
Robert Beaton
Gordon Curran
Briana Arlene

Exelon Generation Company, LLC

Phillip Henderson
Dwi Murray
Liza Zurawski
David Gullott
Abid Rustaey
Giovanni Panici
Georgio Holt
Darrel Riedinger

Enclosure

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BWittick, NRR

JWilson, NRR

RBeaton, NRR

GCurran, NRR

BArlene, NMSS

JHarvey, NRR

ADAMS Accession No.: ML21147A426

OFFICE	NRR/DORL/LPL3/PM	NRR/DORL/LPL3/PM	NRR/DORL/LPL3/LA
NAME	JHarvey	JWiebe	SRohrer
DATE	5/27/2021	5/27/2021	6/2/2021
OFFICE	NRR/DORL/LPL3/BC	NRR/DORL/LPL3/PM	
NAME	NSalgado	JWiebe	
DATE	6/3/2021	6/3/2021	

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