



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

January 3, 2024

LICENSEE: Constellation Energy Generation, LLC

FACILITY: Braidwood, Units 1 and 2

SUBJECT: SUMMARY OF OCTOBER 4, 2023, PRESUBMITTAL MEETING BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND CONSTELLATION ENERGY GENERATION, LLC, REGARDING REVISING TECHNICAL SPECIFICATION 3.7.9, "ULTIMATE HEAT SINK (UHS)" (EPID L-2023-LRM-0067)

On October 4, 2023, an observation public meeting was held between the staff of the U.S. Nuclear Regulatory Commission (NRC) and representatives of Constellation Energy Generation, LLC (Constellation), via webinar. The purpose for this meeting was for Constellation to brief the NRC staff on a future request to revise Technical Specification 3.7.9, Ultimate Heat Sink (UHS)," to use a diurnal curve methodology.

The meeting notice and agenda were published on the NRC's public webpage on August 29, 2023 (Agencywide Documents Access Management System (ADAMS) Accession No. ML23275A044). The licensee-furnished presentation materials are located at ADAMS Accession No. ML23272A062.

A list of meeting attendees/affiliations is provided as an Enclosure to this meeting summary.

Summary

Constellation stated that actions are necessary to increase the UHS temperature margin because over the last several years environmental conditions have resulted in the UHS temperature approaching the current 102°F (degree Fahrenheit) limit. Constellation's proposed solution is to use a maximum diurnal temperature that changes based on the time of day. The maximum diurnal temperature will be justified by engineering calculations.

The NRC staff asked clarifying questions regarding the proposed application and Constellation provided clarifications.

There were no final determinations or regulatory decisions made by the NRC staff during the meeting.

Public Participation

No members of the public responded to the NRC staff's request for comments or questions and no meeting feedback forms were received.

Please direct any inquiries to me at 301-415-6606 or by e-mail at 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. 50-456, 50-457

Enclosure:
List of Attendees

cc w/encl: Listserv

LIST OF ATTENDEES/AFFILIATION/ORGANIZATION

SUMMARY OF OCTOBER 4, 2023, PRESUBMITTAL MEETING

BETWEEN THE NRC AND CONSTELLATION ENERGY GENERATION, LLC,

REGARDING REVISING TECHNICAL SPECIFICATION 3.7.9, "ULTIMATE HEAT SINK (UHS)"

<u>ATTENDEES (16)</u>	<u>AFFILIATION/ORGANIZATION</u>
Jeff Whited	Nuclear Regulatory Commission (NRC)
Joel Wiebe	NRC
Joshua Wilson	NRC
Gordon Curran	NRC
David Nold	NRC
Brian Wittick	NRC
Ahsan Sallman	NRC
Kevin Lueshen	Constellation Energy Generation, LLC (Constellation)
Lisa Zurawski	Constellation
Richard Schliessmann	Constellation
Dane Brunswick	Constellation
Iba Ello Fletcher	Constellation
Danii Gantt	Constellation
Brian Seawright	Constellation
Krish Kripakaran	Constellation
Giovanni Panici	Constellation
Michael Snider	Constellation

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OFFICE	NRR/DORL/LPL3/PM	NRR/DORL/LPL3/LA	NRR/DORL/LPL3/BC	NRR/DORL/LPL3/PM
NAME	JWiebe	SRohrer	JWhited	JWiebe
DATE	12/29/2023	1/2/24	1/2/24	1/3/24

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