



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

June 23, 2023

MEMORANDUM TO: Michael Wentzel, Chief  
Advanced Reactor Licensing Branch 2  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

FROM: Zackary Stone, Project Manager /RA/  
Advanced Reactor Licensing Branch 2  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 22, 2023, CLOSED MEETING TO DISCUSS  
THE U.S. NUCLEAR REGULATORY COMMISSION STAFF'S  
PROPRIETARY QUESTIONS ON TERRESTRIAL ENERGY USA'S  
UNCERTAINTY QUANTIFICATION METHODOLOGY FOR  
CALCULATION OF IMSR OFF-GAS SOURCE TERM TECHNICAL  
REPORT

On June 22, 2023, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML23153A180) the U.S. Nuclear Regulatory Commission (NRC) staff held a closed meeting to discuss NRC staff's proprietary questions pertaining to Terrestrial Energy, USA, Inc.'s (TEUSA) technical report "Uncertainty Quantification Methodology for Calculation of IMSR® Off-Gas Source Term" (ML23139A163). At the conclusion of the meeting, the NRC staff had a better understanding of what TEUSA is requesting the NRC staff to review and provide feedback on. TEUSA clarified that they would like feedback on their technical report within 60 days from the closed meeting date, which was revised from the original request of 60 days from the date of the submittal.

CONTACT: Zackary Stone, NRR/DANU  
301-415-0615

Project No.: 99902076

Enclosure:  
List of Meeting Attendees

Distribution List (GovDelivery):  
Terrestrial Energy, USA, Inc.

M. Wentzel

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SUBJECT: SUMMARY OF JUNE 22, 2023, CLOSED MEETING TO DISCUSS THE U.S. NUCLEAR REGULATORY COMMISSION STAFF'S PROPRIETARY QUESTIONS ON TERRESTRIAL ENERGY USA'S UNCERTAINTY QUANTIFICATION METHODOLOGY FOR CALCULATION OF IMSR OFF-GAS SOURCE TERM TECHNICAL REPORT DATED: JUNE 23, 2023

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<b>OFFICE</b>	NRR/DANU/UAL2:PM	NRR/DANU/UAL2:BC	NRR/DANU/UAL2:PM
<b>NAME</b>	ZStone	MWentzel	ZStone
<b>DATE</b>	6/23/2023	6/23/2023	6/23/2023

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### List of Attendees

Closed Meeting with Terrestrial - To discuss NRC staff's proprietary questions on Terrestrial Energy's Uncertainty Quantification Methodology Technical Report

June 22, 2023

<u>Name</u>	<u>Organization</u>
Adrian Muniz	U.S. Nuclear Regulatory Commission (NRC)
Ben Adams	NRC
David Camp	NRC
Greg Oberson	NRC
Hanh Phan	NRC
Jason Schaperow	NRC
Lucieann Vechioli Feliciano	NRC
Michael Wentzel	NRC
Zackary Stone	NRC
Daniel Carleton	Terrestrial Energy, USA, Inc. (TEUSA)
Frank Akstulewicz	TEUSA
Dave Kropaczek	Oak Ridge National Laboratories

Enclosure