



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

February 27, 2023

MEMORANDUM TO: Michael I. Dudek, Chief  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

FROM: Ricky Vivanco, Project Manager **/RA/**  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE DECEMBER 5, 2022, CLOSED MEETING TO  
DISCUSS THE NUSCALE US460 STANDARD DESIGN APPROVAL  
EMERGENCY CORE COOLING SYSTEM VALVE DESIGN AND  
LOSS-OF-COOLANT ACCIDENT ANALYSIS

The U.S. Nuclear Regulatory Commission (NRC) held a closed virtual meeting on December 5, 2022, as a follow up to the November 17, 2022, meeting to discuss the NuScale Power, LLC (NuScale) emergency core cooling system (ECCS) valve design and testing for the US460 standard design approval application and the proprietary information associated with this topic. NuScale requested this meeting to gain further clarification on the staff's feedback provided during the November 17<sup>th</sup> meeting. NuScale also sought to gain further clarity on their ECCS valve design and loss-of-coolant accident analysis methodology.

The closed meeting was noticed and dated December 5, 2022. The meeting was posted on the NRC public website, and can be found in the NRC's Agencywide Documents Access and Management Systems (ADAMS) Accession No. ML22336A119.

Enclosed are the meeting agenda (Enclosure 1), list of attendees (Enclosure 2), and overview (Enclosure 3, non-public)

Docket No. 99902078

Enclosures:

1. Meeting agenda
2. List of attendees
3. Overview (non-public)

cc w/encl.: DC NuScale Power

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SUBJECT: SUMMARY OF THE DECEMBER 5, 2022, CLOSED MEETING TO DISCUSS THE NUSCALE US460 STANDARD DESIGN APPROVAL EMERGENCY CORE COOLING SYSTEM VALVE DESIGN AND LOSS-OF-COOLANT ACCIDENT ANALYSIS. DATED: FEBRUARY 27, 2023

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**ADAMS Accession Nos.:**

**PKG: ML23027A084**

**MEMO: ML23027A088**

**ENCLOSURE 1: ML23027A087**

**ENCLOSURE 2: ML23027A086**

**ENCLOSURE 3: ML23027A085 (non-public) \*via email NRR-106**

<b>OFFICE</b>	DNRL/NRLB: PM	DNRL/NRLB: LA	DNRL/NRLB: PM	DNRL/NRLB: BC	DNRL/NRLB: PM
<b>NAME</b>	RVivanco	SGreen	GTesfaye	MDudek	RVivanco
<b>DATE</b>	1/12/2023	1/30/2023	2/13/2023	1/15/2023	2/27/2023

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