



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

April 7, 2023

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

FROM: Omid Tabatabai /RA/
Senior Project Manager
New Reactor Licensing Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF
THE MARCH 30, 2023, CLOSED MEETING WITH NUSCALE
POWER REGARDING CARBON FREE POWER PROJECT
APPROACH FOR ADDRESSING PHYSICAL SECURITY
REQUIREMENTS

The U.S. Nuclear Regulatory Commission (NRC) staff held a closed meeting with NuScale Power, LLC (NuScale) and Carbon Free Power Project, LLC (CFPP) on March 30, 2023. The purpose of this meeting was for NuScale to present its approach for addressing regulatory requirements associated with CFPP's physical security program.

The closed meeting notice was posted on the NRC public website on March 23, 2023, and can be accessed on Agencywide Documents Access and Management System (ADAMS) Accession No. ML23082A085.

This meeting did not include a public (open) portion because the information presented by NuScale and discussed during the meeting were of security-related and proprietary nature. During the meeting, NuScale stated that the presentation made during this meeting was a follow-up to the public meeting held on September 20, 2022¹. NuScale further stated that since the last public meeting, it had revised aspects of its approach to address the physical security requirements as set forth in 10 CFR 73.55, "Requirements for physical protection of licensed activities in nuclear power reactors against radiological sabotage."

CONTACT: Omid Tabatabai, NRR/DNRL
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¹ NuScale Power, LLC "Carbon Free Power Project (CFPP) Combined License Application (COLA) Presentation Physical Security (Open Session)," dated September 9, 2022. ML22252A004

Topic areas discussed during the meeting included physical security requirements specified by 10 CFR 73.55; physical security systems, hardware, features, and technologies; target sets; table-tops and force-on-force exercises; and the physical security plan.

The NRC staff asked NuScale representatives if they anticipate submitting any exemption requests from the requirements in 10 CFR Part 73. In response, NuScale staff stated that they are still evaluating if NuScale would need an exemption from any requirements and that as the design matures, additional refinements to the approach might be needed.

At the conclusion of the meeting, the NRC and NuScale staff agreed to coordinate additional meetings in the future to discuss the details of CFPP's physical security program.

Docket No. 99902052

Enclosure:
List of Attendees

cc w/enclosure: CFPP Listserv

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE MARCH 30,
2023, CLOSED MEETING WITH NUSCALE POWER REGARDING CARBON
FREE POWER PROJECT APPROACH FOR ADDRESSING PHYSICAL
SECURITY REQUIREMENTS
DATED: APRIL 7, 2023

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**U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE MARCH 30, 2023,
CLOSED MEETING WITH NUSCALE POWER, LLC AND CARBON FREE POWER
PROJECT, LLC**

Meeting Attendees

Name	Organization
Omid Tabatabai	U.S. Nuclear Regulatory Commission (NRC)
Michael Dudek	NRC
Niry Simonian	NRC
Paul Harris	NRC
Stacy Prasad	NRC
Amanda Marshall	NRC
Caty Nolan	NRC
John Volkoff	NuScale
Wendy Reid	NuScale
Doug Schweers	NuScale
Susan Baughn	NuScale
Kevin Deyette	NuScale
Dean Tropeano	Fluor
Matthew Featherston	Fluor
Sarah Bristol	NuScale
Tamela Cohen	NuScale
Don Bosnic	Xcel Energy Nuclear Services
Chris Jonker	Fluor
Shawn Brust	Sargent and Lundy
Ken Rach	MPR
Peter Kissinger	Xcel Energy Nuclear Services
Scott Head	CFPP
Patrick Beyers	Xcel Energy Nuclear Services
GL Plumlee	NuScale
Rob White	Xcel Energy Nuclear Services
Brian Wolken	Burns & McDonnell
Justin Corey	Sargent and Lundy

Enclosure