



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

June 19, 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, Senior Project Manager **/RA/**  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF  
THE JUNE 15, 2023, PUBLIC MEETING WITH NUSCALE  
POWER AND CARBON FREE POWER PROJECT REGARDING  
CARBON FREE POWER PROJECT LICENSE STRUCTURE

The U.S. Nuclear Regulatory Commission (NRC) staff held a virtual observation public meeting with NuScale Power, LLC (NuScale) and Carbon Free Power Project, LLC (CFPP) on June 15, 2023. The purpose of this meeting was for NuScale to present its preferred approach for the license structure of the 6-module NuScale small modular reactor plant that CFPP plans to build and operate at Idaho National Laboratory.

The notice for this public meeting was posted on the NRC public website on May 23, 2023, and can be accessed on Agencywide Documents Access and Management System (ADAMS) Accession No. ML23146A200. NuScale's presentation slides were made available to members of the public prior to the meeting<sup>1</sup>.

NuScale, on behalf of CFPP LLC, had requested this public meeting as a follow-up to its letter dated May 24, 2023, "License Structure for the Carbon Free Power Project Multi-Module NuScale Power Plant."<sup>2</sup>

CONTACT: Omid Tabatabai, NRR/DNRL  
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<sup>1</sup> "Carbon Free Power Project (CFPP) Combined License Application (COLA) Presentation, "CFPP Multi-Module License Structure," PM-141695-NP, Revision 0, (ML23160A032)

<sup>2</sup> ADAMS Accession No. ML23144A247.

NuScale/CFPP began its presentation by providing an overview of three NRC Commission Papers that NuScale/CFPP had used to determine which license structure would best meet its needs. Specifically, NuScale/CFPP stated that it had considered information in SECY-10-0034, "Potential Policy, Licensing, and Key Technical Issues for Small Modular Nuclear Reactor Designs," (ML093290245), SECY-11-0079, "License Structure for Multi-Module Facilities Related to Small Modular Nuclear Power Reactors," (ML110620459), and SECY-14-0095, "Status of the Office of New Reactors Readiness to Review Small Modular Reactor Applications," (ML14073A710).

NuScale/CFPP stated that it has selected a similar option to Alternative 3b in SECY-11-0079 in that the NRC would issue a separate license for each NuScale power module (NPM), with common structures, systems, and components (SSC) incorporated in the appendix of each license. NuScale/CFPP stated that it selected this license structure option because it has lower risk and regulatory burden, and would provide full license duration for each module.

NuScale/CFPP continued its presentation by identifying two areas for further engagement and discussion with the staff. These areas include: (1) format and content of the common SSC, and (2) common inspections, tests, analyses, and acceptance criteria. For instance, NuScale identified whether operational programs for the entire six NPMs can be included in the license for the first module. The CFPP team confirmed that the CFPP combined license application will reflect the license structure presented during the meeting.

The NRC staff asked clarifying questions during NuScale/CFPP's presentation on their proposed license structure for CFPP and agreed to hold additional public meetings to discuss NuScale/CFPP's questions. Before concluding the meeting, the staff opened the meeting to members of the public for questions or comments, however, the staff received no questions or comments from members of the public in attendance.

Docket No. 99902052

Enclosure:  
List of Attendees

cc w/enclosure: CFPP Listserv

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE JUNE 15, 2023, PUBLIC MEETING WITH NUSCALE POWER AND CARBON FREE POWER PROJECT REGARDING CARBON FREE POWER PROJECT LICENSE STRUCTURE  
DATED: JUNE 19, 2023

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**\*via email**

**NRR-106**

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**U.S. Nuclear Regulatory Commission Summary of the June 15, 2023, Public Meeting with  
NuScale Power and Carbon Free Power Project Regarding Carbon Free Power Project  
License Structure**

**Meeting Attendees**

<b>Name</b>	<b>Affiliation</b>
Omid Tabatabai	Nuclear Regulatory Commission (NRC)
Alina Schiller	NRC
Gerry Stirewalt	NRC
John Hughey	NRC
Michael Wentzel	NRC
Mary Frances Woods	NRC
Jorge Hernandez Munoz	NRC
Phil O'Bryan	NRC
Stacy Joseph	NRC
Michael Balazik	NRC
Mahmoud Jardaneh	NRC
Amy Cubbage	NRC
William Reckley	NRC
Michael Orenak	NRC
Ricky Vivanco	NRC
Greg Cranston	NRC
Zackary Stone	NRC
Adrian Muniz	NRC
Ken Rach	MPR
Matt Featherston	Fluor
Robert Beilke	Fluor
Scott Head	Carbon Free Power Project
Glenn Neises	Burns and McDonnell
Susan Baughn	NuScale
John Volkoff	NuScale
Tamela Cohen	NuScale
Federico Perdomo	NuScale
Erica Combs	NuScale
Gary Becker	NuScale
Peter Kissinger	Xcel Energy
Emily L. Wegener	UAMPS
Leigh Lloveras	Breakthrough Institute
Melissa Bates	Department of Energy
Andrew Brenner	Holtec
Justin Hawkins	Holtec
Diana Panisoara	RoPower
Dan Serbanescu	RoPower
Cristian Popescu	RoPower

Timothy Polich	RoPower
Bogdan Termegan	Nuclearelectrica SA
Matthew Marzano	US Senate (EPW)
Leigh Ford	Snake River Alliance
Joan Seeman	Sierra Club