



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

January 10, 2022

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

FROM: Getachew Tesfaye, 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 NOVEMBER 9, 2021, OBSERVATION PUBLIC MEETING  
TO DISCUSS NUSCALE POWER, LLC'S OPERATOR TRAINING  
ACCREDITATION PROCESS

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on November 9, 2021, to discuss NuScale Power, LLC's, (NuScale) operator training accreditation process. The purpose of the meeting was for NuScale to gather insights from NRC Staff on NuScale's ongoing discussions with the Institute of Nuclear Power Operations staff concerning regulatory considerations associated with the direct accreditation of a centralized vendor training facility. Additionally, for NuScale to provide an update to the NRC staff on current efforts related to the development of the NuScale operator licensing program and entry requirements. Members of the general public participated via Bridgeline during the meeting.

The public meeting notice dated November 9, 2021, was posted on the NRC public Web site, and can be found in the NRC's Agencywide Documents Access and Management Systems (ADAMS) under Accession No. ML21313A179. Information related to NuScale presentation can be found under ADAMS Accession No. ML21308A557.

Enclosed are the meeting agenda (Enclosure 1), list of participants (Enclosure 2), and overview (Enclosure 3).

Docket No. 99902078

Enclosures:

1. Meeting Agenda
2. List of Attendees
3. Meeting Overview

cc w/encl.: DC NuScale Power

CONTACT: Getachew Tesfaye, NRR/DNRL  
301-415-8013

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE NOVEMBER 9, 2021, OBSERVATION PUBLIC MEETING TO DISCUSS NUSCALE POWER, LLC'S OPERATOR TRAINING ACCEREDITATION PROCESS: JANUARY 10, 2022

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**ADAMS Accession No: ML22010A101**

**\*via email**

**NRR-106**

OFFICE	DNRL/NRLB:PM	DNRL/NRLB:LA	DNRL/NRLB:PM
NAME	GTesfaye	SGreen*	GTesfaye
DATE	01/05/2022	01/10/2022	01/10/2022

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**U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE NOVEMBER 9, 2021,  
OBSERVATION PUBLIC MEETING TO DISCUSS NUSCALE POWER, LLC'S OPERATOR  
TRAINING ACCEREDITATION PROCESS**

**MEETING AGENDA**

**November 9, 2021**

<b><i>Time</i></b>	<b><i>Topic</i></b>	<b><i>Speaker</i></b>
02:00 – 02:10 PM	Introductions and Opening Remarks	All
02:05 - 03:50 PM	Discussion of NuScale's operator training accreditation process	NRC/NuScale
03:50 - 04:00 PM	Questions from the public	NRC/Public
04:00 PM	Adjourn	

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**OBSERVATION PUBLIC MEETING TO DISCUSS NUSCALE POWER, LLC'S OPERATOR**  
**TRAINING ACCEREDITATION PROCESS**

**LIST OF ATTENDEES**

**November 9, 2021**

<b>Name</b>	<b>Organization</b>
Getachew Tesfaye	NRC
Jesse Seymour	NRC
Maurin Scheetz	NRC
Lauren Nist	NRC
Richard Harper	NRC
Michael Dudek	NRC
Bruce Bavol	NRC
Patrick Leary	NuScale
Doug Bowman	NuScale
Tim Tovar	NuScale
Ryan Flamand	NuScale
Hayley Keppen	NuScale
Sean Morrell	NuScale
Nadja Joergensen	NuScale
Ingrid Nordby, X-energy	Public
Michael M Peterson Xcel Energy	Public
Andy Pullam - INPO	Public
John Algeo - INPO	Public
Kalene Walker	Public
Tbraudt	Public

**U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE NOVEMBER 9, 2021,**  
**OBSERVATION PUBLIC MEETING TO DISCUSS NUSCALE POWER, LLC'S OPERATOR**  
**TRAINING ACCEREDITATION PROCESS**

**November 9, 2021**

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on November 9, 2021, to discuss NuScale Power, LL's (NuScale) operator training accreditation process. The meeting was requested by NuScale to seek insights from NRC Staff on NuScale's ongoing discussions with the Institute of Nuclear Power Operations (INPO) staff concerning regulatory considerations associated with the direct accreditation of a centralized vendor training facility. Additionally, NuScale took this opportunity to provide an update to the NRC staff on current efforts related to the development of the NuScale operator licensing program and entry requirements.

Information related to NuScale presentation can be found under Agencywide Documents Access and Management Systems Accession No. ML21308A557.

Outcomes:

1. NuScale discussed how their training facility fits into existing accreditation structure. Their idea is to have a centralized training facility (CTF) under the umbrella of a training programs that is derived from a systems approach to training (SAT). They stated that INPO and NuScale have been discussing directly accrediting a CTF by a vendor. The staff asked how NuScale envisions the concept being implemented with respect to CTF and multiple licensed facilities at different sites. They acknowledged that some of the SAT-based training activities that would be observed by the INPO accreditation team will occur at the centralized facility, and some will occur at the individual site(s). The NRC staff commented that conceptually there is nothing in the NRC regulations that would prohibit the proposed vendor provided training. The staff added that the facility licensees are ultimately responsible for compliance with the NRC's training requirements. Per the NRC Memorandum of Agreement with INPO, the staff will review new ACAD (National Academy for Nuclear accreditation) documents and INPO will review and consider the NRC feedback.
2. The staff asked what schedule they are working towards with INPO. NuScale stated that they have marked up existing INPO accreditation documents to be applicable for accreditation of a NuScale centralized training facility, and these are ready to be finalized. Then they will be reviewed by INPO for approval.
3. NuScale provided update on NuScale recommended license operator training program and entry requirements. They also discussed their efforts to add new guidance for NuScale operators. NuScale's proposed reactor operator experience requirements and the senior reactor operator experience and education requirements are less than those that have been established for the operating fleet. Their basis for that seemed to be (1) it's easier to operate a NuScale plant vs an operating power reactor, so less formal education is required and less experience onsite is needed prior to entering the training program, and (2) the training program will be sufficient to train people on what they need to know to safely operate the plant.

4. In response to a question from a member of the public, the staff responded that the staff overseeing operator licensing and staffing qualification are involved in the Part 53 rule making process. Additionally, the staff clarified that none of the currently licensed plants and the approved NuScale design uses the new concept that is introduced in the preliminary Part 53 rule making process with respect to certified operator that is not licensed by the NRC.