

February 21, 2018

MEMORANDUM TO: Samuel S. Lee, Chief
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

FROM: Prosanta Chowdhury, Project Manager /RA/
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF THE JANUARY 24, 2018, AND JANUARY 31,
2018, U.S. NUCLEAR REGULATORY COMMISSION
CATEGORY 1 PUBLIC TELECONFERENCE WITH NUSCALE
POWER, LLC TO DISCUSS STAFF FEEDBACK ON REQUEST
FOR ADDITIONAL INFORMATION NOS. 9179, 9182, AND 9185

On January 24, 2018, and January 31, 2018, the U.S. Nuclear Regulatory Commission (NRC) staff held Category 1 teleconference public meetings with NuScale Power, LLC (NuScale) to discuss staff feedback on NuScale response to the staff's Request for Additional Information (RAI) Nos. 9179, 9182, and 9185 (Agencywide Documents Access and Management Systems (ADAMS) Accession Nos. ML17349A980, ML17355A157, and ML17345A957, respectively). These RAIs are related to NuScale Design Certification Application, Chapter 2.3, "Meteorology." One member of the public participated in the January 24, 2018, meeting. No members of the public participated in the January 31, 2018, meeting.

The public meeting notices can be found in ADAMS under Accession Nos. ML18024A295 (January 24, 2018) and ML18026A564 (January 31, 2018). These meeting notices were also posted on the NRC public web site.

Enclosed is the meeting agenda (Enclosure 1), list of attendees (Enclosures 2), and meeting summary (Enclosure 3).

Docket No. 52-048

Enclosures:

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

cc w/encl.: DC NuScale Power, LLC Listserv

CONTACT: Prosanta Chowdhury, NRO/DNRL
301-415-1647

SUBJECT: SUMMARY OF THE JANUARY 24, 2018, AND JANUARY 31, 2018, U.S. NUCLEAR REGULATORY COMMISSION CATEGORY 1 PUBLIC TELECONFERENCE WITH NUSCALE POWER, LLC TO DISCUSS STAFF FEEDBACK ON REQUEST FOR ADDITIONAL INFORMATION NOS. 9179, 9182, AND 9185 - DATED:

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ADAMS Accession No.: ML18044A070

*via Email

NRO-002

OFFICE	NRO/DNRL/LB1: PM	NRO/DNRL/LB1: LA	NRO/DNRL/LB1: PM
NAME	PChowdhury*	MMoore*	PChowdhury
DATE	2/13/2018	2/20/2018	2/21/2018

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U.S. NUCLEAR REGULATORY COMMISSION
CATEGORY 1 PUBLIC TELECONFERENCE
WITH NUSCALE POWER, LLC TO DISCUSS STAFF FEEDBACK ON
REQUEST FOR ADDITIONAL INFORMATION NOS. 9179, 9182, 9185

MEETING AGENDA

January 24, 2018 and January 31, 2018

The purpose of this teleconference was for the U.S. Nuclear Regulatory Commission staff to discuss feedback on NuScale Power LLC's (NuScale) response to the staff's Request for Additional Information (RAI) Nos. 9179, 9182, and 9185, involving NuScale Design Certification Application, Chapter 2.3, "Meteorology."

<u>Times</u>	<u>Topics</u>
3:00 p.m.	Welcome and Introductions
3:05 - 3:50 p.m.	Discuss NuScale's response to RAIs 9179, 9182 and 9185
3:50 - 4:00 p.m.	Public Comments
4:00 p.m.	Adjourn Meeting

U.S. NUCLEAR REGULATORY COMMISSION
CATEGORY 1 PUBLIC TELECONFERENCE WITH
NUSCALE POWER, LLC TO DISCUSS STAFF FEEDBACK ON
REQUEST FOR ADDITIONAL INFORMATION NO. 9179, 9182, 9185

LIST OF ATTENDEES

January 24, 2018

Name	Organization
Brad Harvey	U.S. Nuclear Regulatory Commission (NRC)
Michael Mazaika	NRC
Jason White	NRC
Prosanta Chowdhury	NRC
Richard Clement	NRC
Stephen Williams	NRC
Seshagiri Tammara	NRC
Russell Goff	NuScale Power, LLC (NuScale)
Evren Ulku	NuScale
Mark Shaver	NuScale
Nolan Bartlow	NuScale
Amber Berger	NuScale
JinPeng Li	NuScale
Marty Bryan	NuScale
Ryan Welch	Public

January 31, 2018

Name	Organization
Brad Harvey	U.S. Nuclear Regulatory Commission (NRC)
Michael Mazaika	NRC
Jason White	NRC
Prosanta Chowdhury	NRC
Russell Goff	NuScale Power, LLC (NuScale)
Evren Ulku	NuScale
Mark Shaver	NuScale
Nolan Bartlow	NuScale
Amber Berger	NuScale
JinPeng Li	NuScale
Paul Guinn	NuScale
Marty Bryan	NuScale

U.S. NUCLEAR REGULATORY COMMISSION
SUMMARY OF THE CATEGORY 1 PUBLIC TELECONFERENCE WITH
NUSCALE POWER, LLC TO DISCUSS STAFF FEEDBACK ON
REQUEST FOR ADDITIONAL INFORMATION NOS. 9179, 9182, 9185

On January 24, 2018, and January 31, 2018, the U.S. Nuclear Regulatory Commission (NRC) staff held Category 1 teleconference public meetings with NuScale Power, LLC (NuScale) to discuss the NRC staff's feedback on NuScale's response to the NRC's Request for Additional Information (RAI) Nos. 9179, 9182, and 9185 (Agencywide Documents Access and Management Systems (ADAMS) Accession Nos. ML17349A980, ML17355A157, and ML17345A957, respectively). These RAIs are related to NuScale Design Certification Application (DCA), Chapter 2.3, "Meteorology." Attendees for this meeting are listed in Enclosure 2. One member of the public participated in the January 24, 2018, meeting. No members of the public participated in the January 31, 2018, meeting.

The NRC staff provided feedback comments to the NuScale staff on its responses to RAIs 9179, 9182, and RAI 9185 during this teleconference. These RAIs were primarily concerned with meteorological related site parameters presented in the NuScale DCA, Final Safety Analysis Report (FSAR) Tier 1, Section 5.0, "Site Parameters," and FSAR Tier 2, Sections 2.0, "Site Characteristics and Site Parameters," and 2.3, "Meteorology," and covered topics related to Sections 2.3.1, "Regional Climatology," 2.3.4, "Short-Term Atmospheric Dispersion Estimates for Accident Releases," and 2.3.5, "Long-Term Atmospheric Dispersion Estimates for Routine Releases." The discussions included citation of cross references; consistent use of terminologies throughout the DCA; consistency of information in FSAR Tier 2 table 2.0-1, "Site Design Parameters," and FSAR Tier 1, 5.0-1, "Site Design Parameters"; impact of snow load on the control building roof; appropriateness in using one dispersion model over another in calculating annual average X/Q parameters; need for inclusion of certain meteorological parameters necessary for future combined operating license (COL) applicants; consistency of parameter descriptions with those in regulatory guides; and unambiguous use of release stack height for consideration by future COL applicants.

A synopsis of the discussions is provided in Attachments A through C to this meeting summary as listed below:

1. Attachment A: Feedback on NuScale Response to RAI 9179 (ADAMS Accession No. ML18044A086).
2. Attachment B: Feedback on NuScale Response to RAI 9182 (ADAMS Accession No. ML18044A119).
3. Attachment C: Feedback on NuScale Response to RAI 9185 (ADAMS Accession No. ML18044A130).