



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

March 12, 2018

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

FROM: Omid Tabatabai, Senior Project Manager /RA/  
Licensing Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: SUMMARY OF THE MARCH 6, 2018, PUBLIC MEETING WITH  
NUSCALE POWER, LLC, TO DISCUSS THE U.S. NUCLEAR  
REGULATORY COMMISSION STAFF REQUEST FOR  
ADDITIONAL INFORMATION NOS. 8934 AND 8858

On March 6, 2018, representatives of the U.S. Nuclear Regulatory Commission (NRC) and NuScale Power, LLC (NuScale) held a public teleconference meeting to discuss the NRC staff's Request for Additional Information (RAI) Nos. 8934 and 8858. These RAIs were issued to NuScale regarding its design certification application, Tier 2, Chapter 3, "Design of Structures, Systems, Components and Equipment," specifically, Sections 3.7.2, "Seismic Systems Analysis," and 3.8.2, "Steel Containment."

Enclosure 1 captures the summary of the topics discussed during the teleconference. The agenda and list of meeting attendees are included in Enclosures 2 and 3, respectively. The meeting notice for this meeting is available in the Agencywide Documents Access and Management System under Accession No. ML18064A372.

Docket No. 52-048

Enclosures:

1. Meeting Summary
2. Agenda
3. Attendees

CONTACT: Omid Tabatabai, NRO/DNRL  
301-415-6616

SUBJECT: SUMMARY OF THE MARCH 6, 2018, PUBLIC MEETING WITH NUSCALE  
 POWER, LLC, TO DISCUSS THE U.S. NUCLEAR REGULATORY COMMISSION  
 STAFF REQUEST FOR ADDITIONAL INFORMATION NOS. 8934 AND 8858:  
 DATED: 3/12/2018

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NuScale DC Listserv

ADAMS Accession No.: ML18067A422

\*via email

NRC-001

OFFICE	NRO/DNRL/LB1:PM	NRO/DNRL/LB1:LA*	NRO/DEI/SEB:BC*	NRO/DEI/MEB:BC*	NRO/DNRL/LB1:PM
NAME	OTabatabai	MMoore	SSamadar	TLupold	OTabatabai
DATE	3/8/2018	3/12/2018	3/12/2018	3/12/2018	3/12/2018

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**U.S. NUCLEAR REGULATORY COMMISSION**

**SUMMARY OF THE MARCH 6, 2018, TELECONFERENCE WITH NUSCALE POWER, LLC**

**TO DISCUSS NUSCALE RESPONSE TO STAFF RAIS 8934 and 8858**

The U.S. Nuclear Regulatory Commission (NRC) staff requested this public meeting to get a clarification from NuScale Power, LLC (NuScale) regarding NuScale's response to staff's RAIs 8858, Question 3.8.2-13 (Agencywide Documents and Access Management System (ADAMS) Accession No. ML17300B428) and RAI 8934, Question 03.07.02-15 (ADAMS Accession No. ML17355A678).

Regarding NuScale's response to RAI 8858, the NRC staff requested NuScale to clarify its response and interpretation of the American Society for Mechanical Engineers (ASME) boiler and pressure vessel (BPV), Class 1 Components (NB), Codes that apply to defining the boundary for the valve attachment weld. NuScale agreed that the reference to NB-1132-2(g) in the response to RAI 8858, Question 03.08.02-13, was incorrect and NuScale agreed to revise/supplement its response and reference NB-1131(a).

Regarding NuScale's response to RAI 8934, the NRC staff requested NuScale to clarify its response with respect to the additional hydrodynamic pressure due to fluid-structure interaction effect of the reactor pool and to provide a FSAR markup that summarizes the relevant information provided in the RAI response. NuScale representatives agreed to provide a clarification and FSAR markup in its supplement response to the RAI question.

Prior to concluding the meeting, the NRC staff also provided a status update regarding NuScale's response to RAI 8858, Questions 03.08.02-4, 03.08.02-5, and 03.08.02-6. Specifically, the NRC staff informed NuScale that questions 03.08.02-4 and 03.08.02-5 have been dispositioned as resolved-closed, and question 03.08.02-6 has been dispositioned as unresolved-closed.

NuScale also agreed to submit its supplemental response to RAI 8858, Question 3.8.2-13, within 30 days, i.e., April 6, 2018, and its supplemental response to RAI 8934, Question 03.07.02-15, within 60 days from the public meeting date, i.e., May 6, 2018.

**U.S. NUCLEAR REGULATORY COMMISSION**  
**SUMMARY OF THE March 6, 2018, TELECONFERENCE**  
**WITH NUSCALE POWER, LLC**

**MEETING AGENDA**

Time	Topic	Lead
1:00 – 1:10 pm	Meeting Introductions	NRC/NuScale
1:10 – 1:55 pm	Discussion of NuScale Response to RAIs 8934 and 8858	NRC/NuScale
1:55 – 2:00 pm	Public Comments/Questions	Public

**U.S. NUCLEAR REGULATORY COMMISSION**  
**SUMMARY OF THE March 6, 2018, TELECONFERENCE**  
**WITH NUSCALE POWER, LLC**

**LIST OF ATTENDEES**

**NuScale Power, LLC**

Kyra Perkins  
Wayne Massie  
Mohsen Azadbakht  
Hadi Razavi  
Josh Parker  
Mohsin Khan  
Ed Heald

**U.S. Nuclear Regulatory Commission Staff**

Omid Tabatabai  
Tim Lupold  
Jason Huang  
Pravin Patel  
Manas Chakravorti  
Sunwoo Park  
Robert Roche-Rivera  
Yuken Wong