

November 8, 2017

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 OCTOBER 24, 2017, PUBLIC MEETING WITH
NUSCALE POWER, LLC, TO DISCUSS NUSCALE'S
RESPONSE TO STAFF REQUEST FOR ADDITIONAL
INFORMATION NO. 8865

On October 24, 2017, representatives of the U.S. Nuclear Regulatory Commission (NRC) and NuScale Power, LLC, (NuScale) held a public teleconference meeting. The purpose of this meeting was to discuss NuScale's response to staff's Request for Additional Information (RAI) No. 8865. NuScale's response to the RAI 8865 is available in the NRC's Agencywide Documents Access and Management System (ADAMS) with accession No. ML17192A241. A complete copy of NuScale's Design Certification Application is available on the NRC public Webpage at <https://www.nrc.gov/reactors/new-reactors/design-cert/nuscale/documents.html>.

Enclosure 1, "Summary of the October 24, 2017 Teleconference between the NRC Staff and NuScale," 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 is available in ADAMS with accession No. ML17271A070.

Docket No. 52-048

Enclosures:

1. Summary of the October 24, 2017
Teleconference between the NRC Staff and NuScale
2. Agenda
3. Attendees

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

SUBJECT: SUMMARY OF OCTOBER 24, 2017, PUBLIC MEETING WITH NUSCALE
POWER, LLC, TO DISCUSS NUSCALE'S RESPONSE TO STAFF REQUEST FOR
ADDITIONAL INFORMATION NO. 8865 DATED:

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RidsNroDnrlLb1
RidsOgcMailCenter
NuScale DC Listserv
RidsAcrsAcnwMailCenter

ADAMS Accession No.: ML17307A172

*via email

NRC-001

OFFICE	NRO/DNRL/LB1:PM	NRO/DNRL/LB1:LA	NRO/DSRA/SCVB:BC	NRR/DSS/STSB:BC
NAME	OTabatabai	SGreen*	DJackson*	VCusumano*
DATE	11/2/2017	11/07/2017	11/08/2017	11/07/2017

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SUMMARY OF THE OCTOBER 24, 2017 TELECONFERENCE
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION STAFF AND NUSCALE

On June 8, 2017, the U.S. Nuclear Regulatory Commission staff issued Request for Additional Information (RAI) 8865 and requested NuScale Power, LLC (NuScale) to provide additional information regarding the operability of the containment isolation valves (CIVs). Specifically, the NRC staff requested the additional information to make a determination that the CIVs are able to perform their intended safety function. The staff's RAI question can be found in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML17160A369.

Additionally, the staff requested NuScale to provide information regarding applicable Technical Specifications (TSs) on how the operator(s) can assure CIVs can perform their safety function, e.g., gas-spring is sufficiently charged and available to support valve closure. The staff also requested NuScale to update its final safety analysis report (FSAR) and TSs as appropriate, to include the requested additional information. On July 11, 2017, NuScale responded to the staff's RAI 8865 (ADAMS Accession No. ML17192A241) and stated that it has updated its FSAR Section 6.2.4, "Containment Isolation System," and the Bases for TSs Limiting Condition for Operation 3.6.2, "Containment Isolation Valves," to include the additional information that the staff requested.

After reviewing NuScale's response, the staff requested a public meeting with NuScale to further discuss and get clarification on NuScale's response, specifically, on what surveillance requirements (SRs) relative to the CIVs gas accumulator NuScale plans to implement to assure there is adequate pressure in the gas accumulator to ensure the operability of CIVs.

During the meeting, NuScale maintained that the alarm and indication of CIVs nitrogen pressure in the control room is adequate to meet TS requirements and no nitrogen pressure SR is necessary. The NRC staff reiterated their concerns that an adequate SR on the CIV nitrogen pressure should exist to assure the operability of the CIVs.

On November 2, 2017, via an email from Mr. Steven Mirsky (NuScale) to Mr. Omid Tabatabai (NRC), NuScale informed the staff that, "NuScale has decided to modify TS 3.6.2 to include a SR for CIV accumulator nitrogen pressure." NuScale's e-mail is available under ADAMS Accession No. ML17312A427.

The staff and NuScale will further interact on this topic to ensure that the NRC staff has sufficient information to make a safety determination.

MEETING AGENDA

Tuesday, October 24, 2017

10:30-10:40 am	Welcome and Introductions
10:40-11:10 am	Discussion of the RAI response 8865
11:10-11:20 am	Public Questions and Comments
11:20-11:30 am	Meeting Conclusion

LIST OF ATTENDEES

NuScale

Carrie Fosaaen
Marty Bryan
Karl Gross
Ross Snuggerud

NRC Staff

Diane Jackson
Omid Tabatabai
Clinton Ashley
Craig Harbuck
Bob Tjader
Jennifer Whitman