

August 3, 2017

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 JUNE 20, 2017, CATEGORY 1, PUBLIC
TELECONFERENCE TO DISCUSS NUSCALE RESPONSE TO
REQUEST FOR ADDITIONAL INFORMATION NO. 8738

On June 20, 2017, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public teleconference with NuScale Power, LLC's (NuScale) to discuss NuScale's June 7, 2017, response to request for additional information No. 8738 (Agencywide Documents Access and Management Systems (ADAMS) Accession No. ML17158B549). No members of the general public participated during the meeting.

The public meeting notice dated June 20, 2017, can be found in ADAMS under Accession No. ML17170A166. This meeting notice was also posted on the NRC public Web site.

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

Docket No.: 52-048

Enclosures:

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

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

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

SUBJECT: SUMMARY OF THE JUNE 20, 2017, CATEGORY 1, PUBLIC TELECONFERENCE
TO DISCUSS NUSCALE RESPONSE TO REQUEST FOR ADDITIONAL
INFORMATION NO. 8738 - DATED: 8/03/2017

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NRO-002

OFFICE	NRO/DNRL/LB1: PM	NRO/DNRL/LB1: LA	NRO/DNRL/LB1: PM
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DATE	08/02/2017	08/02/2017	8/03/2017

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UNITED STATES NUCLEAR REGULATORY COMMISSION
CATEGORY 1 PUBLIC TELECONFERENCE TO DISCUSS
NUSCALE POWER, LLC'S RESPONSE TO
REQUEST FOR ADDITIONAL INFORMATION NO. 8738

MEETING AGENDA

JUNE 20, 2017

The purpose of this teleconference was for the U.S. Nuclear Regulatory Commission (NRC) staff to communicate to NuScale the NRC staff's comments on the content of NuScale's response to RAI No. 8738.

<u>Times</u>	<u>Topics</u>
1:00 p.m.	Welcome and Introductions
1:05 - 1:45 p.m.	NRC/NuScale to discuss NuScale's response to RAI No. 8738
1:45 - 2:00 p.m.	Public Comments
2:00 p.m.	Adjourn Meeting

Enclosure 1

UNITED STATES NUCLEAR REGULATORY COMMISSION
CATEGORY 1 PUBLIC TELECONFERENCE TO DISCUSS
NUSCALE POWER, LLC'S RESPONSE TO
REQUEST FOR ADDITIONAL INFORMATION NO. 8738

LIST OF ATTENDEES

June 20, 2017

Name	Organization
Joseph Demarshall	U.S. Nuclear Regulatory Commission (NRC)
Gregory Cranston	NRC
Prosanta Chowdhury	NRC
Ryan Flamand	NuScale Power, LLC (NuScale)
Tim Tovar	NuScale
Doug Bowman	NuScale
Michael Downs	NuScale
Steve Mirsky	NuScale
Steve Pope	NuScale

**SUMMARY OF THE JUNE 20, 2017, CATEGORY 1,
PUBLIC TELECONFERENCE
TO DISCUSS NUSCALE RESPONSE TO
REQUEST FOR ADDITIONAL INFORMATION NO. 8738**

On June 20, 2017, the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting with the NuScale Power, LLC (NuScale) staff to discuss NuScale's response to a request for additional information (RAI) 1 (RAI 8738) dated June 7, 2017. This RAI is associated with the review of NuScale Design Certification Application, Final Safety Analysis Report, Chapter 13, "Conduct of Operations," Section 13.5, "Plant Procedures," and contains only one question - 13.05.02.01-1. The meeting started at 1 p.m. eastern time (ET) and ended at 1:48 p.m. ET, and was conducted via a teleconference. Attendees for this meeting are listed at the end of this summary. No members of the public attended the meeting.

The purpose of the meeting was for the NRC staff to inform NuScale that NuScale's response to RAI 8738 was inadequate. In the RAI response, NuScale stated that their Generic Technical Guidelines (GTG) document was made available for NRC staff review on the NuScale electronic reading room (eRR), rather than submittal on the docket. Early in the meeting, NuScale stated that the GTG document was in a draft status and was approximately 90 percent complete. The NRC staff stated that during the April 6, 2017, clarification call on this RAI, they understood that the GTG document: (1) would be submitted on the docket within 60 days of issuance of the RAI, and (2) would be submitted as a "complete" document with open items related to the in-progress probabilistic risk assessment (PRA) Best Estimate Analyses, thus enabling the staff to commence its detailed review. The staff further understood that the GTGs would be informed by the results of these analyses and that the updated GTG document would be submitted on the docket in a supplemental response to the RAI in November 2017. It was also the staff's understanding that the GTGs would ultimately be informed by the results of the Integrated System Validation (ISV) scheduled for January 2019, and that any potential impact to the November 2017, GTG submittal stemming from the ISV, was expected to be minimal in nature and of minor significance or consequence.

During this meeting, the staff informed NuScale that the GTGs need to be submitted on the docket prior to commencement of review activities. NuScale stated that the decision to place the draft GTGs on the eRR was the result of internal licensing process restrictions. NuScale explained that their licensing processes do not allow for "draft" material to be submitted on the docket, noting that there were approximately 28 occurrences of the acronym "TBD" ("to-be-determined") throughout the 90-plus page document. NuScale contended that audit-type activities conducted via the eRR were permissible as a viable alternative moving forward. The staff stated that no reviews of draft information on the eRR would be performed, and that review of the GTGs was contingent upon the submittal of said information on the docket.

Enclosure 3

During this meeting, the staff informed NuScale that the GTGs need to be submitted on the docket prior to commencement of review activities. NuScale stated that the decision to place the draft GTGs on the eRR was the result of internal licensing process restrictions. NuScale explained that their licensing processes do not allow for “draft” material to be submitted on the docket, noting that there were approximately 28 occurrences of the acronym “TBD” (“to-be-determined”) throughout the 90-plus page document. NuScale contended that audit-type activities conducted via the eRR were permissible as a viable alternative moving forward. The staff stated that no reviews of draft information on the eRR would be performed, and that review of the GTGs was contingent upon the submittal of said information on the docket.

During the latter part of the meeting, NuScale further informed the discussion by presenting a view that described the GTGs as a complete document with open items; a document that had received the necessary approval signatures internally, prior to submittal to the NRC. NuScale further explained that the open items were primarily associated with yet-to-be-determined I&C type information and in-progress PRA analyses results; results that were expected to be delivered by November 2017. This description was more in-line with the staff’s understanding and expectation of what was to be provided in the RAI response. NuScale indicated that one possible solution might be to revise the GTGs in such a way that all references to “TBD” could be eliminated from the document. NuScale commented that the problem was more or less a NuScale issue that was not likely to be resolved during this meeting, and stated that they would take the issue back for internal resolution. NuScale concluded the discussion by affirming that the GTG issue was high on their list of priorities and that they expected to have the issue resolved and an answer back to the staff within 1-2 weeks.