



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

February 13, 2019

MEMORANDUM TO: Samuel S. Lee, Chief
Licensing Branch 1
Division of Licensing, Siting,
and Environmental Analysis
Office of New Reactors

FROM: Cayetano Santos Jr., Project Manager */RA/*
Licensing Branch 1
Division of Licensing, Siting,
and Environmental Analysis
Office of New Reactors

SUBJECT: SUMMARY OF THE FEBRUARY 6, 2019, PUBLIC
TELECONFERENCE REGARDING NUSCALE POWER LLC'S
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
9135 IN ITS DESIGN CERTIFICATION APPLICATION

On February 6, 2019, a Category 1 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) staff and NuScale Power, LLC (NuScale). The purpose of the meeting was to discuss NuScale's response to Request for Additional Information (RAI) 9135, Question 14.03.03-5. The meeting notice was posted on the NRC website and is also in the NRC's Agencywide Documents Access and Management System (ADAMS) under Accession Number ML19002A199. The Meeting Summary is provided as Enclosure 1 which captures the summary of topics discussed during this teleconference. The Meeting Agenda and List of Attendees are provided as Enclosures 2 and 3, respectively.

Docket No. 52-048

Enclosures:
As stated

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

CONTACT: Cayetano Santos Jr., NRO/DLSE
301-415-7270

SUBJECT: SUMMARY OF THE FEBRUARY 6, 2019, PUBLIC TELECONFERENCE
REGARDING NUSCALE POWER LLC'S RESPONSE TO REQUEST FOR
ADDITIONAL INFORMATION 9135 IN ITS DESIGN CERTIFICATION
APPLICATION
DATED: February 13, 2019

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*via email

NRO-002

OFFICE	DLSE/LB1:PM	DLSE/LB1:LA	DLSE/LB1:PM
NAME	CSantos	CSmith*	CSantos (signed)
DATE	02/13/2019	02/11/2019	02/13/2019

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Meeting Summary

Public Teleconference Regarding RAI 9135

February 6, 2019

On September 29, 2017, the staff issued request for additional information (RAI) 9135, Question 14.03.03-5 (ML17272B029), requesting the addition of inspections, tests, analyses, and acceptance criteria (ITAAC) to verify the functional arrangement or installed configuration of the NuScale power module (NPM) and chemical and volume control system (CVCS). NuScale responded on November 21, 2017 (ML17325B432), June 11, 2018 (ML18162A354), and December 20, 2018 (ML18234A174). These responses stated that the additional ITAAC requested by the staff was redundant and unnecessary because other existing ITAAC perform the verification in the ITAAC requested by the staff.

The staff reviewed NuScale's responses to this RAI and after additional internal discussions, concluded that the other ITAAC described in the December 20, 2018, response addressed some, but not all, of the aspects requested by the staff in RAI 9135. NuScale asked what areas were not addressed. The staff responded that, for example, the verification of the installed orientation and alignment of valves were not addressed. NuScale asked if tests are performed to verify a system operates during ITAAC testing would that not also verify that the system was installed correctly. The staff responded that preservice testing conditions are less severe so a system could pass a preservice test, but not function properly under design-basis conditions because of installation deficiencies that could have been identified during functional arrangement ITAAC inspections.

The staff concluded the meeting by stating it could support additional technical discussion with NuScale to discuss acceptable functional arrangement ITAAC.

There was an opportunity for members of the public to provide comments and ask questions. No comments or questions were received.

Meeting Agenda

February 6, 2019

1:00 p.m. – 2:00 p.m.

The purpose of this teleconference was for the U.S. Nuclear Regulatory Commission (NRC) staff to discuss NuScale's response to RAI 9135.

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
1:00 p.m. – 1:05 p.m.	Introductions	All
1:05 p.m. – 1:45 p.m.	RAI 9135	NRC/NuScale
1:45 p.m. – 2:00 p.m.	Public Comments	Public
2:00 p.m.	Adjourn	All

List of Attendees and Participants

Public Meeting with Nuscale Power, LLC.

February 6, 2019

<u>Name</u>	<u>Organization</u>
Cayetano Santos	NRC
Tom Scarbrough	NRC
Carrie Fosaaen	NuScale
Nadja Joergensen	NuScale
Chris Maxwell	NuScale
Edan Engstrom	NuScale
Spain Abney	NuScale
Gary McGee	NuScale
Sarah Fields	Uranium Watch
Marvin Lewis	Member of the Public