



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

March 4, 2019

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

FROM: Bruce M. Baval, Project Manager */RA/*
Licensing Branch 1
Division of Licensing, Siting,
and Environmental Analysis
Office of New Reactors

SUBJECT: SUMMARY OF THE FEBRUARY 12, 2019, CATEGORY 1,
PUBLIC TELECONFERENCE TO DISCUSS NUSCALE POWER,
LLC'S FUEL SEISMIC ASPECT OF THE REACTOR VESSEL
FLANGE TOOL

The U.S. Nuclear Regulatory Commission (NRC) held a Category 1 public teleconference on February 12, 2018, to discuss the NuScale Power, LLC (NuScale) to discuss the fuel seismic aspect of the reactor vessel flange tool (RFT). One member of the general public participated via bridgeline during the meeting.

The public meeting notice dated February 12, 2019, can be found in the NRC's Agencywide Documents Access and Management Systems (ADAMS) under Accession No. ML19029A113. The NuScale presentation material dated February 11, 2019, can be found under ADAMS Accession No. ML19045A334. This meeting notice was also posted on the NRC public website.

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

Docket No. 52-048

Enclosures:

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

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

CONTACT: Bruce M. Baval, NRO/DLSE
301-415-6715

SUBJECT: SUMMARY OF THE FEBRUARY 12, 2019, CATEGORY 1, PUBLIC
TELECONFERENCE TO DISCUSS NUSCALE POWER LLC'S FUEL SEISMIC
ASPECT OF THE REACTOR VESSEL FLANGE TOOL DATED: March 4, 2019

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*By email

NRO-002

OFFICE	DLSE/LB1:PM	DLSE/LB1:LA	DSRA/SRSB:BC	DLSE/LB1:PM
NAME	BBavol	MMoore*	RKaras*	BBavol (signed)
DATE	2/26/2019	2/26/2019	03/01/2019	03/04/2019

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U.S. NUCLEAR REGULATORY COMMISSION
CATEGORY 1 PUBLIC TELECONFERENCE TO DISCUSS
NUSCALE POWER, LLC REQUEST FOR ADDITIONAL INFORMATION NO. 9225
REACTOR VESSEL FLANGE TOOL ISSUE

MEETING AGENDA
February 12, 2019

The purpose of the meeting was discuss the reactor vessel flange tool (RFT) – fuel seismic aspect regarding Request for Additional Information No. 9225.

<i>Time</i>	<i>Topic</i>	<i>Speaker</i>
1:30-1:35	Introductions and identification of topics	NRC
1:35-2:10	RFT discussions (Public)	NRC/NuScale
2:10-2:15	Questions from the public	Public
2:15-3:30	RFT discussions (Closed)	NRC/NuScale
3:30	Adjourn	----

U.S. NUCLEAR REGULATORY COMMISSION
CATEGORY 1 PUBLIC TELECONFERENCE TO DISCUSS
NUSCALE POWER LLC'S DESIGN CERTIFICATION APPLICATION

LIST OF ATTENDEES

February 12, 2019

Name	Organization
Bruce Bavol	U.S. Nuclear Regulatory Commission (NRC)
Rebecca Karas	NRC
Pravin Patel	NRC
Manas Chakravorty	NRC
Marieliz Vera	NRC
Chris Van Wert	NRC
Sunwoo Park	NRC
Robert Roche-Rivera	NRC
Greg Cranston	NRC
Martin Bryan	NuScale Power, LLC (NuScale)
Matthew Presson	NuScale
Dylan Addison	NuScale
Larry Linik	NuScale
John Conly	NuScale
Corrie Nichol	NuScale
Evren Ulku	NuScale
Josh Parker	NuScale
Wayne Massie	NuScale
Kyra Perkins	NuScale
Marvin Lewis	Public

Enclosure 2

U.S. NUCLEAR REGULATORY COMMISSION
CATEGORY 1 PUBLIC TELECONFERENCE TO DISCUSS
NUSCALE POWER, LLC REQUEST FOR ADDITIONAL INFORMATION NO. 9225
REACTOR VESSEL FLANGE TOOL ISSUE

On February 12, 2019, a public teleconference meeting was held to discuss the NuScale Power, LLC (NuScale) fuel seismic aspect of the reactor vessel flange tool (RFT). The purpose of the meeting was to support the Phase 2 open Request for Additional Information (RAI) No. 9225. One member of the general public participated via bridgeline during the meeting and did not have any questions for NRC staff following the discussion.

During the meeting, NuScale staff outlined the preliminary analyses performed by Framatome that assessed the difference in conditions between fuel in the NuScale Power Module (NPM) location and fuel in the RFT location, considering the impact of those differences when used as input for the ANP-10337P-A, "PWR Fuel Assembly Structural Response to Externally Applied Dynamic Excitations," methodology. The conclusion provided with these analyses indicates that the impacts of a seismic event on fuel in the RFT location would be less severe than that which was already analyzed for the NPM location and submitted as part of the NuScale design certification application.

While the impact of an event occurring with fuel in the RFT location was indicated to be bounded by the analysis submitted for the NPM location, the preliminary analyses also concluded that additional analysis of the RFT location would be required in order to adequately support NuScale's response to RAI No. 9225. This additional analysis is required to provide precise margins for fuel in the RFT location during a seismic event.