



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

April 24, 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 APRIL 10, 2018, PUBLIC MEETING WITH
NUSCALE POWER, LLC, TO DISCUSS U.S. NUCLEAR
REGULATORY COMMISSION STAFF'S REQUESTS FOR
ADDITIONAL INFORMATION AND NUSCALE'S APPROACH TO
PIPE BREAK ANALYSIS

On April 10, 2018, representatives of the U.S. Nuclear Regulatory Commission (NRC) and NuScale Power, LLC (NuScale) held a public teleconference meeting to discuss staff's questions regarding NuScale's approach to pipe break analysis as well as the status of NuScale's response to staff's requests for additional information (RAI). The NRC staff's RAIs are publicly available in Agencywide Documents Access and Management System (ADAMS) under Accession Nos. ML17335A111 (RAI 9221) and ML17153A065 (RAI 8836) respectively.

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 ADAMS under Accession No. ML18047A108.

Docket No. 52-048

Enclosures:

1. Meeting Summary
2. Agenda
3. Attendees

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

SUBJECT: SUMMARY OF THE APRIL 10, 2018, PUBLIC MEETING WITH NUSCALE POWER, LLC, TO DISCUSS U.S. NUCLEAR REGULATORY COMMISSION STAFF'S REQUESTS FOR ADDITIONAL INFORMATION AND NUSCALE'S APPROACH TO PIPE BREAK ANALYSIS DATED: 4/24/2018

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NuScale DC Listserv

ADAMS Accession No.: ML18113A104

*via email

NRC-001

OFFICE	NRO/DNRL/LB1: PM	NRO/DNRL/LB1: LA*	NRO/DEI/MEB : BC*	NRO/DNRL/LB1: PM
NAME	OTabatabai	MMoore	TLupold	OTabatabai
DATE	4/24/2018	4/23/2018	4/24/2018	4/24/2018

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U.S. NUCLEAR REGULATORY COMMISSION
SUMMARY OF THE APRIL 10, 2018, TELECONFERENCE WITH
NUSCALE POWER, LLC TO DISCUSS NUSCALE'S APPROACH TO PIPE BREAK
ANALYSIS AND STAFF'S REQUEST FOR ADDITIONAL INFORMATION

The U.S. Nuclear Regulatory Commission (NRC) staff requested this public meeting to discuss staff's questions related to NuScale's approach to pipe break analysis. The NRC staff's request for additional information (RAI) are publicly available in Agencywide Documents Access and Management System (ADAMS) under Accession Nos. ML17335A111 (RAI 9221) and ML17153A065 (RAI 8836). The majority of the discussions between the NRC staff and NuScale contained proprietary information and were closed to the public.

During the open and closed portions of the meeting NuScale summarized the discussions and actions from the November 2017 meeting and provided a status on the action items. NuScale provided an overview of its approach to analyzing various postulated pipe breaks based on the location and environment. NuScale also described how the following events are considered in their overall pipe break analysis:

- Blasts,
- Pipe whip,
- Jet impingement,
- Subcompartment pressurization, and
- Flooding.

NuScale informed the NRC staff that the target date for submitting its responses to RAIs 8836 and 9221 is August 24, 2018.

U.S. NUCLEAR REGULATORY COMMISSION
SUMMARY OF THE APRIL 10, 2018, TELECONFERENCE
WITH NUSCALE POWER, LLC

MEETING AGENDA

1:00 - 1:10	Meeting Introductions	NuScale/NRC
1:10 - 1:45	Pipe Break Analysis and Staff RAIs	NuScale/NRC
1:45 - 1:55	Questions from the public	Public
1:55 - 2:00	Break (end of public portion of the meeting)	
2:00 - 2:55	Pipe Break Analysis and Staff RAIs	NuScale/NRC
2:55 - 3:00	Meeting Conclusion	NRC

U.S. NUCLEAR REGULATORY COMMISSION
SUMMARY OF THE APRIL 10, 2018, TELECONFERENCE
WITH NUSCALE POWER, LLC

LIST OF ATTENDEES

NuScale Power, LLC

JJ Arthur
Storm Kauffman
Daniel Diefendorf
Nadja Paulman
Marty Bryan
Marwan Charrouf
Wayne Massie

U.S. Nuclear Regulatory Commission Staff

Omid Tabatabai
Renee Li
Chang Li
Clint Ashley
Antonio Dias
Tim Lupold
Raul Hernandez
Greg Cranston
Eric Reichelt
Jason Huang

Other Attendees (Public Session)

Sarah Fields (Uranium Watch)