



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

March 8, 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 FEBRUARY 26, 2018, PUBLIC MEETING
WITH NUSCALE POWER, LLC, TO DISCUSS THE U.S.
NUCLEAR REGULATORY COMMISSION STAFF QUESTIONS
RELATED TO THE NUSCALE'S MAIN CONTROL ROOM
DESIGN AND HABITABILITY

On February 26, 2018, representatives of the U.S. Nuclear Regulatory Commission (NRC) and NuScale Power, LLC (NuScale) held a public teleconference meeting to discuss the NRC staff's questions related to the NuScale's main control room design and habitability.

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 the Agencywide Documents Access and Management System under Accession No. ML18043A640.

Docket No. 52-048

Enclosures:

1. Meeting Summary
2. Agenda
3. Attendees

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

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NRC-001

OFFICE	NRO/DNRL/LB1:PM	NRO/DNRL/LB1:LA*	NRR/DSS/STSB:BC*	NRO/DNRL/LB1:PM
NAME	OTabatabai	MMoore	VCusumano	OTabatabai
DATE	3/3/2018	3/07/2018	3/7/2018	3/8/2018

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U.S. NUCLEAR REGULATORY COMMISSION
SUMMARY OF THE FEBRUARY 26, 2018, TELECONFERENCE
WITH NUSCALE POWER, LLC TO DISCUSS CONTROL ROOM HABITABILITY

The U.S. Nuclear Regulatory Commission (NRC) staff requested this public meeting to get a better understanding from NuScale as to how its small modular reactor design supports operator safety during all phases of operations, including normal as well as design-basis and beyond-design-basis events. The NRC staff asked the following two questions related to NuScale's main control room air bottles:

1. The need for surveillance technical specifications on control room habitability system air bottles, and
2. The ability to refill/replace the air bottles in the main control room.

NuScale representatives stated that a surveillance technical specification for the control room habitability system air bottle in the main control room is not required. NuScale representatives further discussed several regulations, precedents, and guidance documents that they believe support that position. The NRC staff stated that they have issued requests for additional information and have received NuScale's responses, however, the staff did not have sufficient information to agree or disagree with NuScale's position that its control room habitability system air bottle design meets the applicable regulatory requirements.

The NRC and NuScale staffs emphasized the need for further interactions and that supplemental information from NuScale was needed to enable the staff make a safety finding regarding NuScale's control room habitability system air bottle design. NuScale and the NRC staffs agreed to schedule another public meeting in late March to discuss this topic further.

U.S. NUCLEAR REGULATORY COMMISSION
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WITH NUSCALE POWER, LLC

MEETING AGENDA

Time	Topic	Lead
1:00 – 1:10 pm	Meeting Introductions	NRC/NuScale
1:10 – 2:10 pm	Discussion of Staff's Questions Related to Surveillance Technical Specifications on main control room air bottles	NRC/NuScale
2:10 – 2:25 pm	Discussion of staff's questions related to capability to refill the main control room air bottles	NRC/NuScale
2:25 – 2:30 pm	Public Comments/Questions	Public

U.S. NUCLEAR REGULATORY COMMISSION
SUMMARY OF THE FEBRUARY 26, 2018, TELECONFERENCE
WITH NUSCALE POWER, LLC

LIST OF ATTENDEES

NuScale Power, LLC

Gary Becker
Carrie Fosaaen
Chad Williams
Ryan Miller
Dan Lassiter
Scott Harris
Ross Snuggerud
Brian Gardes
Karl Gross
Rufino Ayala
Doug Bowman
Greg Myers
Marty Bryan
Darrell Gardner
Mark Paul

U.S. Nuclear Regulatory Commission Staff

Dan Barss
Craig Harbuck
Victor Cusumano
Greg Cranston
Boyce Travis
Ron Lavera
Bob Tjader
Clint Ashley
Tony Markley
Omid Tabatabai

Other Attendees

Olivier Lareynie (French Nuclear Regulatory Agency – ASN)