



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

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:

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\*via email

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**

**SUMMARY OF THE FEBRUARY 26, 2018, TELECONFERENCE**

**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)