



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

September 13, 2018

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

FROM: Omid Tabatabai, Senior Project Manager */RA/*
Licensing Branch 1
Division of Licensing, Siting,
and Environmental Analysis
Office of New Reactors

SUBJECT: SUMMARY OF THE AUGUST 14, 2018, PUBLIC MEETING
WITH NUSCALE POWER, LLC, TO DISCUSS NUSCALE'S
RESPONSE TO THE STAFF'S REQUEST FOR ADDITIONAL
INFORMATION NO. 9412

On August 14, 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 regarding NuScale's response to the NRC staff's Request for Additional Information No. 9412.

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. ML18192C202.

Docket No. 52-048

Enclosures:

1. Meeting Summary
2. Agenda
3. Attendees

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

SUBJECT: SUMMARY OF THE AUGUST 14, 2018, PUBLIC MEETING WITH NUSCALE
POWER, LLC, TO DISCUSS NUSCALE'S RESPONSE TO THE STAFF'S
REQUEST FOR ADDITIONAL INFORMATION NO. 9412
DATED: September 13, 2018

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DATE	09/12/2018	09/13/2018	09/13/2018

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U.S. NUCLEAR REGULATORY COMMISSION
SUMMARY OF THE AUGUST 14, 2018, PUBLIC MEETING WITH
NUSCALE POWER, LLC, TO DISCUSS NUSCALE'S RESPONSE TO THE
STAFF'S REQUEST FOR ADDITIONAL INFORMATION NO. 9412

The purpose of this public meeting was for the NRC staff to seek clarity on NuScale's response to the staff's Request for Additional Information (RAI) No. 9412 regarding the need for an inspection, test, analysis, and acceptance criteria (ITAAC) to verify displays, controls and alarms at the remote shutdown station (RSS). In its letter dated, June 21, 2018, NuScale responded to the staff's RAI No. 9412 (Agencywide Documents Access and Management System Accession No. ML18172A320) and stated that ITAAC are not designed to address all aspects of design, including the RSS human-system interface. NuScale also stated that there is no manual control of safety-related equipment from the RSS nor are there any important human actions to be performed from the RSS. From NuScale's design perspective, NuScale believes that the RSS displays and provides an alternate location for the operator to "monitor" the plant operation if evacuation of the main control room is required.

The NRC staff does not agree with the NuScale's interpretation of regulatory requirements and believes that an ITAAC is needed to provide assurance that the as-built plant complies with the design capabilities set forth in Appendix A to Title 10 of the *Code of Federal Regulation*, Part 50, General Design Criteria (GDC) for Nuclear Power Plants 19, "Control Room," for shutdown capability outside of the main control room.

The staff is currently developing a follow-up to RAI No. 9412 and will further engage NuScale to resolve this matter.

U.S. NUCLEAR REGULATORY COMMISSION

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TO DISCUSS NUSCALE'S RESPONSE TO THE STAFF'S REQUEST FOR ADDITIONAL

INFORMATION NO. 9412

MEETING AGENDA

Introduction	2:00 – 2:10 pm
Staff's questions related to NuScale's response to RAI 9412	2:10 – 2:45 pm
Public Comments	2:55 – 3:00 pm

U.S. NUCLEAR REGULATORY COMMISSION

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TO DISCUSS NUSCALE'S RESPONSE TO THE STAFF'S REQUEST FOR ADDITIONAL

INFORMATION NO. 9412

LIST OF ATTENDEES

NuScale Power, LLC

Gary Becker
Tim Tovar
Carrie Fosaaen
Carl Dumsday
Jennie Wike

U.S. Nuclear Regulatory Commission Staff

Maurin Sheetz
Lauren Nist
Luis Betancourt
Jim Gaslevic
Dinesh Taneja
Dawnmathews Kalathiveettil
Joe Ashcraft
Omid Tabatabai