



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

September 26, 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 SEPTEMBER 18, 2018, PUBLIC MEETING
WITH NUSCALE POWER, LLC, TO DISCUSS THE U.S.
NUCLEAR REGULATORY COMMISSION STAFF'S REVIEW OF
NUSCALE'S DESIGN CERTIFICATION APPLICATION, TIER 2,
CHAPTER 14.2, "INITIAL TEST PROGRAM"

On September 18, 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 NuScale Design Certification Application, Tier 2, Chapter 14.2, "Initial Test Program."

Enclosure 1 captures the summary of the topics discussed during the teleconference. The agenda and list of meetings attendees are included in Enclosures 2 and 3, respectively. The meeting notice for the meeting is available in the Agencywide Documents Access and Management System under Accession No. ML18233A174.

Docket No. 52-048

Enclosures:

1. Meeting Summary
2. Agenda
3. Attendees

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

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 DATED: September 26, 2018

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NRC-001

OFFICE	NRO/DLSE/LB1:PM	NRO/DLSE/LB1:LA*	NRO/DCIP/QVIB:BC*	NRO/DLSE/LB1:PM
NAME	OTabatabai	MMoore	KKavanagh	OTabatabai
DATE	9/26/2018	9/24/2018	9/26/2018	9/26/2018

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U.S. NUCLEAR REGULATORY COMMISSION
SUMMARY OF THE SEPTEMBER 18, 2018, PUBLIC MEETING
WITH NUSCALE POWER, LLC, TO DISCUSS
THE NRC STAFF'S REVIEW OF NUSCALE'S DESIGN CERTIFICATION APPLICATION,
TIER 2, CHAPTER 14.2, "INITIAL TEST PROGRAM"

On September 18, 2018, representatives of the U.S. Nuclear Regulatory Commission (NRC) and NuScale Power, LLC, (NuScale) met to discuss the scope of the NRC staff's review of NuScale Initial Test Program, as described in NuScale's Design Certification Application (DCA), Tier 2, Chapter 14.2, "Initial Test Program."

On September 14, 2018, NuScale submitted a document to the NRC entitled, "NuScale Final Safety Analysis Report, Tier 2, Section 14.2, "Initial Plant Test Program Scope Outline," to discuss during the meeting. This document is available publicly in the NRC's Agency Document Access and Management System (ADAMS) under Accession No. ML18257A310. In this document, NuScale proposed test abstracts for the NRC staff's review and stated that they are open to changes in the proposal. More specifically, NuScale stated that the NRC staff are responsible for identifying the scope of the ITP review. The NRC staff agreed to identify the scope of the ITP review such that NuScale can receive finality, after consulting with the Office of General Counsel, on a number of test abstract.

The NRC staff continued the meeting by asking several clarifying questions related to document and the methodology used by NuScale to construct Table 1-1, "NRC Risk-Significant Review of NuScale Preoperational Tests and Startup Tests." The NRC staff also questioned the consistency of information between Tables 1-1 and A-1, "NuScale Initial Test Program Tests." NuScale agreed that the Table 1-1 and Table A-1 could be improved to enable the NRC staff to review the information in the document more efficiently.

The NRC staff and NuScale also continued their discussions regarding the scope of the staff's review of NuScale ITP during design certification review versus combined license application review. Specifically, the discussions focus on the ITP for systems that NuScale has categorized as B.2, i.e., non-safety related and non risk-significant. The NRC staff agreed to discuss the information provided by NuScale on September 14, 2018, and schedule a follow-up meeting with NuScale.

U.S. NUCLEAR REGULATORY COMMISSION

SUMMARY OF THE SEPTEMBER 18, 2018, PUBLIC MEETING WITH NUSCALE POWER, LLC, TO DISCUSS THE U.S. NUCLEAR REGULATORY COMMISSION STAFF'S REVIEW OF NUSCALE'S DESIGN CERTIFICATION APPLICATION, TIER 2, CHAPTER 14.2, "INITIAL TEST PROGRAM"

MEETING AGENDA

Introduction	1:00 – 1:10 pm
Staff's questions related to NuScale ITP	1:10 – 3:15 pm
Public Comments	3:15 – 3:30 pm

U.S. NUCLEAR REGULATORY COMMISSION
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LLC, TO DISCUSS THE U.S. NUCLEAR REGULATORY COMMISSION STAFF'S REVIEW
OF NUSCALE'S DESIGN CERTIFICATION APPLICATION, TIER 2, CHAPTER 14.2, "INITIAL
TEST PROGRAM"

LIST OF MEETING ATTENDEES

NuScale Power, LLC

Rick Rosenstein
Gary Becker
Ken Langdon
Dustin Greenwood
Carrie Fosaaen
Steve Pope
Nadja Joergensen
Eden Engstrom
Chris Maxwell
Spain Abney
Jennie Wike

U.S. Nuclear Regulatory Commission Staff

Kevin Coyne
Ryan Nolan
Boyce Travis
Joseph Ashcraft
Samuel Lee
Kerri Kavanagh
Olivia Mikula
Taylor Lamb
Omid Tabatabai
Paul Prescott
Alissa Neuhausen
Michelle Hayes
Thomas Steinfeldt
Rebecca Susko
Rebecca Karas
William Jones
Nicholas Mertz