



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

May 20, 2019

Mr. Thomas Bergman
Vice President, Regulatory Affairs
NuScale Power, LLC
1100 NE Circle Boulevard, Suite 200
Corvallis, OR 97330

SUBJECT: NUSCALE POWER, LLC, DESIGN CERTIFICATION APPLICATION - SAFETY EVALUATION WITH OPEN ITEMS FOR CHAPTER 6, "ENGINEERED SAFETY FEATURES"

Dear Mr. Bergman:

The U.S. Nuclear Regulatory Commission (NRC) staff is preparing a safety evaluation (SE) with open items (OIs) for each chapter of the NuScale Power, LLC (NuScale) Design Certification Application submitted by NuScale on January 6, 2017¹.

The NRC staff's SE with OIs for Chapter 6, "Engineered Safety Features," is being provided to the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee to support an upcoming meeting of the ACRS Subcommittee, scheduled to be held on June 18, 2019. Please note that in the enclosed SE, in addition to open items, there are a few unresolved issues without a clear path to resolution that have not matured to open item status. The staff will discuss both the open items and these issues during the ACRS subcommittee briefing.

The enclosed SE with OIs is being provided to NuScale for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations*, Section 2.390, "Public Inspections, Exemptions, Requests for Withholding." The NRC will withhold the enclosed SE from public disclosure for ten business days from the date of this letter to allow you the opportunity to identify any proprietary information or factual errors. If within that ten-day period, you do not request that all or portions of the SE be withheld from public disclosure, the enclosure will be made available for public viewing through the Publicly Available Records component of NRC's Agencywide Documents Access and Management System and placed on the NRC's public webpage for this application.

Document transmitted herewith contains sensitive unclassified information. When separated from the enclosure, this document is "DECONTROLLED."

¹ The Design Certification Application was submitted via a transmittal letter dated December 31, 2016.

T. Bergman

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If you have any questions or comments concerning this matter, I can be reached at (301) 415-6616 or via e-mail address at Omid.Tabatabai@nrc.gov.

Sincerely,

/RA/

Omid Tabatabai, Senior Project Manager
Licensing Branch 1
Division of Licensing, Siting
and Environmental Analysis
Office of New Reactors

Docket No. 52-048

Enclosure:
As stated

cc w/o encl.: DC NuScale Listserv

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DATED: May 20, 2019

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NRO-002

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