



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

March 21, 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 SECTION 3.9.2, "DYNAMIC TESTING AND ANALYSIS OF SYSTEMS, STRUCTURES, AND COMPONENTS"

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, 2017<sup>1</sup>.

The staff's SE with OIs for Section 3.9.2, "Dynamic Testing and Analysis of Systems, Structures, and Components," 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 May 15, 2019.

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."

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<sup>1</sup> 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) 415-5861 or via e-mail address at [Marieliz.VeraAmadiz@nrc.gov](mailto:Marieliz.VeraAmadiz@nrc.gov).

Sincerely,

*/RA/*

Marieliz Vera-Amadiz, 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. See next page

SUBJECT: NUSCALE POWER, LLC, DESIGN CERTIFICATION APPLICATION - SAFETY  
EVALUATION WITH OPEN ITEMS FOR SECTION 3.9.2, "DYNAMIC TESTING  
AND ANALYSIS OF SYSTEMS, STRUCTURES, AND COMPONENTS"

DATED: March 21, 2019

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