



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

December 7, 2018

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 2, "SITE CHARACTERISTICS AND SITE PARAMETERS"

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 via letter dated December 31, 2016.

The NRC staff's SE with OIs for Chapter 2, "Site Characteristics and Site Parameters," is being provided to the Advisory Committee on Reactor Safeguards (ACRS) to support the upcoming meeting of the ACRS Subcommittee, scheduled to be held on December 18, 2018.

The SE with OIs was provided to NuScale by email to Mr. Marty Bryan for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), 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.

T. Bergman

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If you have any questions or comments concerning this matter, I can be reached at (301) 415-0546 or via e-mail address at Gregory.Cranston@nrc.gov.

Sincerely,

*/RA/*

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

Docket No. 52-048

Enclosure:

1. Safety Evaluation with  
OIs for Chapter 2, "Site  
Characteristics and Site Parameters"

SUBJECT: NUSCALE POWER, LLC, DESIGN CERTIFICATION APPLICATION - SAFETY  
EVALUATION WITH OPEN ITEMS FOR CHAPTER 2, "SITE CHARACTERISTICS  
AND SITE PARAMETERS"

DATED: December 7, 2018

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\*via email

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| NAME   | PChowdhury*      | MMoore*          | SLee (OTabatabai<br>for) | GCranston        |
| DATE   | 11/14/2018       | 11/14/2018       | 12/07/2018               | 12/06/18         |

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