



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

April 16, 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 19, "PROBABILISTIC RISK ASSESSMENT AND SEVERE ACCIDENT EVALUATION FOR NEW REACTORS"

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 19, "Probabilistic Risk Assessment and Severe Accident Evaluation for New Reactors," is being provided to the Advisory Committee on Reactor Safeguards (ACRS) to support an upcoming meeting of the ACRS Subcommittee, scheduled to be held on May 14, 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* (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.

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) 415-7334 or via e-mail address at Rani.Franovich@nrc.gov.

Sincerely,

/RA Cayetano Santos for/

Rani Franovich, 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 Power, LLC Listserv

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ADAMS Accession Nos.:
 PKG: ML18201A214
 Letter: ML18201A216
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*via email

NRO-002

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