



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

November 15, 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 NO OPEN ITEMS FOR CHAPTER 18, "HUMAN FACTORS
ENGINEERING"

Dear Mr. Bergman:

The U.S. Nuclear Regulatory Commission (NRC) staff is preparing a safety evaluation (SE) with no 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 no OIs for Chapter 18, "Human Factors Engineering" is being provided to inform the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee of the closure of all open items and to support a briefing by the staff if requested by the Subcommittee.

The enclosed SE with no 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 Web page 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.

If you have any questions or comments concerning this matter, I can be reached at (301) 415-1647 or via e-mail address at Prosanta.Chowdhury@nrc.gov.

Sincerely,

/RA/

Prosanta Chowdhury, Project Manager
New Reactor Licensing Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

Docket No. 52-048

Enclosure:
As stated

cc: w/o encl: DC NuScale Power, LLC Listserv

SUBJECT: NUSCALE POWER, LLC, DESIGN CERTIFICATION APPLICATION - SAFETY
EVALUATION WITH NO OPEN ITEMS FOR CHAPTER 18, "HUMAN FACTORS
ENGINEERING"
DATED: NOVEMBER 15, 2019

DISTRIBUTION:

PUBLIC
NRLB R/F
SLee, NRR
MDudek, NRR
GCranston, NRR
PChowdhury, NRR
SGreen, NRR
RidsNrrOd
RidsNrrDnrl
RidsNrrDnrlNrlb
NuScale DC Listserv

ADAMS Accession Nos.:**PKG: ML19175A030****Letter: ML19162A270****SER: ML19165A288 (PROP)*****via email****NRR-043**

OFFICE	NRO/DLSE/LB1:PM*	NRR/DNRL/NRLB:LA*	NRR/DNRL/NRLB: BC	NRR/DNRL/NRLB:PM
NAME	PChowdhury	SGreen*	MDudek*	PChowdhury
DATE	08/29/2019	11/05/2019	11/13/2019	11/15/2019

OFFICIAL RECORD COPY