



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

February 18, 2020

Mr. Zackary W. Rad
Director, Regulatory Affairs
NuScale Power, LLC.
1100 NE Circle Boulevard, Suite 200
Corvallis, OR 97330

SUBJECT: NUSCALE POWER, LLC, DESIGN CERTIFICATION APPLICATION - SAFETY EVALUATION FOR TOPICAL REPORT, "LOSS-OF-COOLANT ACCIDENT EVALUATION MODEL," TR-0516-49422, REVISION 1

Dear Mr. Rad:

By letter dated December 30, 2016, NuScale Power, LLC (NuScale) submitted topical report (TR) "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, to the U.S. Nuclear Regulatory Commission (NRC) for review and approval. This TR supports the Design Certification Application that was submitted by NuScale on January 6, 2017¹. By letter dated November 27, 2019, NuScale submitted Revision 1 of this TR.

The NRC staff's safety evaluation (SE) for TR-0516-49422, Revision 1, is available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML20044E059 (Package).

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/

Rani Franovich, Project Manager
New Reactor Licensing Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

Docket No.: PROJ0769
cc: DC NuScale Power, LLC Listserv

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

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DATED: FEBRUARY 18, 2020

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ADAMS Accession Nos.:

PKG: ML20044E059

Letter: ML20049H321

SER: ML20044E199 (PUBLIC)

SER: ML20044E198 (PROP)

***via email**

NRR-106

OFFICE	DNRL/NRLB: PM	DNRL/NRLB: LA	NRR/DNRL/NRLB: BC
NAME	RFranovich	CSmith*	MDudek*
DATE	02/13/2020	02/18/2020	02/18/2020

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