



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

June 3, 2020

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

SUBJECT: FINAL SAFETY EVALUATION FOR NUSCALE POWER, LLC TOPICAL
REPORT TR-0716-50350, REVISION 1, "ROD EJECTION ACCIDENT
METHODOLOGY"

Dear Mr. Rad:

By letter dated December 30, 2016, NuScale Power, LLC (NuScale), submitted Topical Report (TR) TR-0716-50350, "Rod Ejection Accident Methodology," Revision 0, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16365A242) to the U.S. Nuclear Regulatory Commission (NRC) for review and approval.

By letter dated November 15, 2019, NuScale submitted, TR-0716-50350-P, Revision 1, (ADAMS Accession No. ML19319C685). The NRC staff has evaluated TR-0716-50350, Revision 1, and found that it is acceptable for referencing licensing applications for the NuScale small modular reactor design to the extent specified and under the conditions and limitations delineated in the enclosed safety evaluation report (SER).

The NRC staff requests that NuScale publish the applicable version(s) of the SER listed above within 30 days of receipt of this letter. The accepted version of the TR shall incorporate this letter and the enclosed SER and add "-A" (designated accepted) following the report identification number.

CONTACT: Bruce M. Bavol, NRR/DNRL
301-415-6715

If the NRC staff's criteria or regulations change, and its acceptability conclusion in the SER is invalidated, NuScale and/or the applicant referencing the SER will be expected to revise and resubmit its respective documentation; or submit justification for continued applicability of the SER without revision of the respective documentation.

After receiving the package with the "-A" version, the SER will be made available for public inspection through the publicly available records component of NRC's ADAMS.

If you have any questions or comments concerning this matter, please contact Bruce Bavol at 301-415-6715 or via e-mail address at Bruce.Bavol@nrc.gov.

Sincerely,

/RA/

Anna H. Bradford, Director
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation
Bob Caldwell for

Docket No. 52-048

Enclosures:

1. TR-0716-50350 SER (Public)
2. TR-0716-50350 SER (Proprietary)

cc: DC NuScale Power, LLC Listserv (w/o Enclosure 2)

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ADAMS Accession Nos.:**Pkg: ML20157A220****Letter: ML20157A223****Enclosure No. 1: ML20157A221 PUBLIC****Enclosure No. 2: ML20157A222 PROP*****via email****NRR-106**

OFFICE	DNRL/NRLB: PM	DNRL/NRLB: LA	DNRL/NRLB: BC	DNRL: D
NAME	BBavol	CSmith*	MDudek*	RCaldwell for ABradford*
DATE	06/02/2020	06/02/2020	06/02/2020	06/03/2020

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