



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

August 28, 2020

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

SUBJECT: FINAL SAFETY EVALUATION REPORT FOR THE NUSCALE STANDARD  
PLANT DESIGN

Dear Mr. Rad:

This letter is to inform you that the U.S. Nuclear Regulatory Commission (NRC) staff has completed the final safety evaluation report (FSER) for the standard plant design application submitted by NuScale Power, LLC (NuScale), by letter dated December 31, 2016. The staff has determined that the plant design meets the applicable requirements for the design certification stage of licensing.

The staff will place the FSER in the NRC's public document room and will make it publicly available in the NRC's Agencywide Documents Access and Management System (Accession No. ML20023A318) consistent with the proprietary and factual error verification you completed in July 2020. The staff will submit the FSER to the Commission in preparation for rulemaking. The NRC staff's issuance of this FSER does not constitute a commitment to issue the design certification or in any way affect the authority of the Commission in any rulemaking proceeding pursuant to Subpart H, "Rulemaking," of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 2, "Agency Rules of Practice and Procedure," and Subpart B, "Standard Design Certifications," of 10 CFR Part 52, "Licenses, certifications, and approvals for nuclear power plants."

If you have questions about this report, please contact Gregory Cranston at (301) 415-0546, or by e-mail to [Gregory.Cranston@nrc.gov](mailto:Gregory.Cranston@nrc.gov).

Sincerely,

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

Docket No. 52-048

cc: DC NuScale Listserv

SUBJECT: FINAL SAFETY EVALUATION REPORT FOR THE NUSCALE STANDARD  
 PLANT DESIGN DATED: AUGUST 28, 2020

**DISTRIBUTION:**

PUBLIC  
 NRLB R/F  
 HNieh, NRR  
 RTaylor, NRR  
 ABradford, NRR  
 RCaldwell, NRR  
 MDudek, NRR  
 GCranston, NRR  
 PChowdhury  
 RidsNrrDnrl  
 RidsNrrOd  
 RidsOpaMail  
 RidsOgcMailCenter  
 RidsOcaMailCenter  
 RidsNrrLACSmith  
 NuScale DC Listserv

**ADAMS Accession No. ML20231A804**

**\*via e-mail**

**NRR-106**

<b>OFFICE</b>	PM:DNRL:NRLB:	LA:DNRL:NRLB	Tech Ed:ADM	BC:DNRL:NRLB
<b>NAME</b>	PChowdhury	SGreen*	JDougherty*	MDudek*
<b>DATE</b>	08/18/2020	08/19//2020	08/19/2020	08/21/2020
<b>OFFICE</b>	OGC:NLO	D:DNRL:NRR		
<b>NAME</b>	KGamin*	ABradford		
<b>DATE</b>	08/19/2020	08/28/2020		

**OFFICIAL RECORD COPY**