



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

January 23, 2019

MEMORANDUM TO: Andrea D. Veil, Executive Director  
Advisory Committee on Reactor Safeguards

FROM: Robert Taylor, Director /RA/  
Division of Licensing, Siting  
And Environmental Analysis  
Office of New Reactors

SUBJECT: NUSCALE POWER, LLC., DESIGN CERTIFICATION  
APPLICATION - SAFETY EVALUATION WITH OPEN ITEMS  
FOR CHAPTER 10, "STEAM AND POWER CONVERSION  
SYSTEM"

By letter dated December 31, 2016, NuScale Power, LLC., (NuScale) submitted its Standard Plant Design Certification Application to the U.S. Nuclear Regulatory Commission (NRC) for review, approval, and granting of standard design certification for the NuScale Standard Plant Design. NuScale's letter is available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML17013A229.

Based on our review of the application, the NRC staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its Safety Evaluation (SE) with Open Items for Chapter 10, "Steam and Power Conversion System." The SE is being provided to support a meeting of the subcommittee of the ACRS scheduled for February 20, 2019.

The NRC staff concludes that the SE does not contain any information exempt from public disclosure. However, the NRC will withhold the SE from public disclosure for ten business days to allow NuScale the opportunity to verify the staff's conclusion that the SE contains no such exempt information. Therefore, the NRC staff requests that the ACRS withhold the SE from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if NuScale requests that any of the information in the SE be withheld from public disclosure.

Docket No. 52-048

CONTACT: Omid Tabatabai, NRO/DNRL  
301-415-6616

SUBJECT: NUSCALE POWER, LLC., DESIGN CERTIFICATION APPLICATION - SAFETY  
EVALUATION WITH OPEN ITEMS FOR CHAPTER 10, "STEAM AND POWER  
CONVERSION SYSTEM"  
DATED: January 23, 2019

**DISTRIBUTION:**

PUBLIC	GCranston, NRO	RidsAcrsAcnwMailCenter
LB1 R/F	RidsOgcMailCenter	RidsNroOd
SLee, NRO	RidsNroDlse	CSmith, NRO
OTabatabai, NRO	MMoore, NRO	

**ADAMS Accession Nos.:****PKG: ML19010A244****MEMO: ML19010A245****SER: ML18257A276**

\*via email

NRO-002

<b>OFFICE</b>	NRO/DLSE/LB1: PM	NRO/DLSE/LB1: LA*	NRO/DLSE/LB1: BC*	NRO/DLSE: D
<b>NAME</b>	OTabatabai	CSmith	SLee (GCranston for)	RTaylor
<b>DATE</b>	01/18/2019	01/22/2019	01/22/2019	01/23/2019

**OFFICIAL RECORD COPY**