



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

August 29, 2019

MEMORANDUM TO: Scott W. Moore, Executive Director  
Advisory Committee on Reactor Safeguards

FROM: Anna H. Bradford, Acting Director **/RA/**  
Division of Licensing, Siting,  
and Environmental Analysis  
Office of New Reactors

SUBJECT: NUSCALE POWER, LLC, DESIGN CERTIFICATION  
APPLICATION - SAFETY EVALUATION WITH NO OPEN ITEMS  
FOR CHAPTER 11, "RADIOACTIVE WASTE MANAGEMENT"

On January 6, 2017<sup>1</sup>, 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 no Open Items for Chapter 11, "Radioactive Waste Management." The SE is being provided to inform ACRS of the closure of all open items and to support a briefing by the NRC staff if requested by the Committee.

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.

Docket No. 52-048

CONTACT: Getachew Tesfaye, NRO/DLSE  
301-415-8013

---

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

SUBJECT: NUSCALE POWER, LLC, DESIGN CERTIFICATION APPLICATION - SAFETY  
EVALUATION WITH NO OPEN ITEMS FOR CHAPTER 11, "RADIOACTIVE  
WASTE MANAGEMENT," DATED: August 29, 2019

**DISTRIBUTION:**

PUBLIC  
LB1 R/F  
GCranston, NRO  
SLee, NRO  
RidsNroOd  
GTesfaye, NRO  
MMoore, NRO  
RidsNroDlse  
RidsNroDlseLB1  
RidsOgcMailCenter

**ADAMS Accession Nos.:****PKG: ML19171A288****MEMO: ML19169A150****SER: ML19240A442****\*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>	GTesfaye	MMoore	SLee	ABradford
<b>DATE</b>	08/28/2019	08/29/2019	08/28/2019	08/29/2019

**OFFICIAL RECORD COPY**