



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

May 20, 2019

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

FROM: Robert M. Taylor, Director */RA Anna Bradford for/*
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 6, "ENGINEERED SAFETY FEATURES"

On January 6, 2017¹, 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 6, "Engineered Safety Features." The SE is being provided to support a meeting of the subcommittee of the ACRS scheduled for June 18, 2019. Please note that in the enclosed SE, in addition to open items, there are a few unresolved issues without a clear path to resolution that have not matured to open item status. The staff will discuss both the open items and these issues during the ACRS subcommittee briefing.

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

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301-415-6616

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

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DATED: May 20, 2019

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ADAMS Accession Nos.:

PKG: ML18201A343

MEMO: ML18201A345

SER: ML19130A046

*via email

NRO-002

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