



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

March 21, 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 4, "REACTOR"

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 4, "Reactor." The SE is being provided to support a meeting of the subcommittee of the ACRS scheduled for April 17, 2019.

Based on its review of NuScale's Chapter 4, the NRC staff prepared an advance copy of the SE (ADAMS Accession No. ML19078A169). The NRC will withhold the SE from public disclosure to allow NuScale the opportunity to verify that it does not contain proprietary, export control, or security related information. Therefore, the staff requests that the ACRS withhold the SE from public disclosure until the information has been released publicly in the ADAMS System.

Docket No.: 52-048

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

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ADAMS Accession Nos.:

PKG: ML18201A318

MEMO: ML18201A319

SE: ML19078A169

*via email

NRO-002

OFFICE	NRO/DLSE/LB1/PM	NRO/DLSE/LB3/LA*	NRO/DLSE/LB1/BC	NRO/DLSE/D
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