



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

October 24, 2019

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

FROM: Anna H. Bradford, Director **/RA/**
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: NUSCALE POWER, LLC, DESIGN CERTIFICATION
APPLICATION - SAFETY EVALUATION WITH NO OPEN ITEMS
FOR CHAPTER 5, "REACTOR COOLANT SYSTEM AND
CONNECTING SYSTEMS"

By letter dated January 6, 2017¹, NuScale Power, LLC (NuScale), submitted its Design Certification Application to the U.S. Nuclear Regulatory Commission (NRC) for review, approval, and granting of 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 5, "Reactor Coolant System and Connecting Systems," (ADAMS Accession No. 19284A372). The SE is being provided to support a future meeting of the ACRS Subcommittee.

The NRC will withhold the SE from public disclosure to allow NuScale the opportunity to verify contents for 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.

Docket No. 52-048

CONTACT: Bruce Bovol, NRR/DNRL
301-415-6715

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

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EVALUATION WITH NO OPEN ITEMS FOR CHAPTER 5, "REACTOR COOLANT
SYSTEM AND CONNECTING SYSTEMS" DATE: OCTOBER 24, 2019

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ADAMS Accession No.: ML19294A200***via email****NRO-002**

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