



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

November 15, 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 18, "HUMAN FACTORS ENGINEERING"

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 no open items for Chapter 18, "Human Factors Engineering." The SE is being provided to inform ACRS of the closure of all open items and to support a briefing by the staff if requested by the Committee.

The 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 staff requests that the ACRS withhold the SE from public disclosure until the information has been released publicly in ADAMS.

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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EVALUATION WITH NO OPEN ITEMS FOR CHAPTER 18, "HUMAN FACTORS
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DATE: NOVEMBER 15, 2019

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ADAMS Accession Nos.:**PKG: ML19175A030****MEMO: ML19162A273****SER: ML19165A288 (PROP)*****via email****NRR-043**

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