



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

October 15, 2018

Dr. Michael L. Corradini, Chairman
Advisory Committee on Reactor Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: SAFETY EVALUATION OF THE NUSCALE POWER, LLC, TOPICAL REPORT
TR-0915-17564, REVISION 1, "SUBCHANNEL ANALYSIS METHODOLOGY"

Dear Dr. Corradini:

In its letter dated September 26, 2018, the Advisory Committee on Reactor Safeguards (ACRS) reported on its safety review of the U.S. Nuclear Regulatory Commission (NRC) staff's safety evaluation report (SER) for the NuScale Power, LLC, Licensing Topical Report (TR)-0915-17564, Revision 1, "Subchannel Analysis Methodology" (Agencywide Documents Access and Management System Accession No. ML18270A383). The ACRS concluded that TR-0915-17564 provides an acceptable methodology for performing steady-state and most transient and accident analyses, subject to the NRC staff's limitations and conditions, and that the staff's SER should be issued.

The NRC staff appreciates the ACRS's review and recommendation. The NRC staff plans to issue the SER by mid-January 2019.

We look forward to working with the ACRS in the future.

Sincerely,

/RA/

Frederick D. Brown, Director
Office of New Reactors

Docket No. 52-048

cc: Chairman Svinicki
Commissioner Baran
Commissioner Burns
Commissioner Caputo
Commissioner Wright
EDO
SECY

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