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

June 18, 2018

MEMORANDUM TO: Samuel S. Lee, Chief
Licensing Branch 1
Division of Licensing, Siting, and Environmental Analysis
Office of New Reactors

FROM: Bruce M. Baval, Project Manager */RA/*
Licensing Branch 1
Division of Licensing, Siting, and Environmental Analysis
Office of New Reactors

SUBJECT: AUDIT SUMMARY FOR THE REGULATORY AUDIT OF NUSCALE
POWER. LLC TOPICAL REPORT TR-0516-49417, "EVALUATION
METHODOLOGY FOR STABILITY ANALYSIS OF THE NUSCALE
POWER MODULE"

The U.S. Nuclear Regulatory Commission staff conducted an audit on June 8, 2017 – December 13, 2017, to review NuScale Power, LLC, Topical Report (TR)-0516-49417, "Evaluation Methodology for Stability Analysis of the NuScale Power Module." The purpose of this regulatory audit was to: (1) gain a better understanding of the NuScale design; (2) verify information; (3) identify information that will require docketing to support the basis of the licensing or regulatory decision; and (4) review related documentation and non-docketed information to evaluate conformance with regulatory guidance.

The enclosed audit summary describes the content of the review, identifies the audit participants, and documents audit observations.

Docket No. 52-048

Enclosures:

1. Audit Summary – (Non-Proprietary)
2. Audit Summary – (Proprietary)

**Document transmitted herewith
contains sensitive unclassified
information. When separated from the
enclosure, this document is
"DECONTROLLED."**

cc w/encl.: DC NuScale Power, LLC Listserv (w/o Enclosure 2)

CONTACT: Bruce M. Baval, NRO/DLSE
301-415-6715

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S. Lee

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SUBJECT: AUDIT SUMMARY FOR THE REGULATORY AUDIT OF NUSCALE POWER, LLC
TOPICAL REPORT TR-0516-49417, "EVALUATION METHODOLOGY FOR
STABILITY ANALYSIS OF THE NUSCALE POWER MODULE"
DATED: June 18, 2018

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***via email**

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