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March 26, 2018

MEMORANDUM TO: Samuel S. Lee, Chief
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

FROM: Bruce M. Bovol, Project Manager */RA/*
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: AUDIT SUMMARY FOR THE REGULATORY AUDIT OF NUSCALE
POWER, LLC DESIGN CERTIFICATION APPLICATION, DESIGN
CONTROL DOCUMENT, TIER 2, CHAPTER 5, SECTION 5.4.1,
“STEAM GENERATORS”

The U.S. Nuclear Regulatory Commission staff conducted an audit on July 10, 2017 – October 11, 2017, to review NuScale Power, LLC, Design Certification Application, Design Control Document, Tier 2, Chapter 5, Section 5.4.1, “Steam Generators.” Specifically, the Audit Team reviewed information related to the steam generator degradation and tube integrity assessments, qualification of tube cleaning and inspection methods, and the determination of the tube plugging criterion.

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)

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

CONTACT: Bruce M. Bovol, NRO/DNRL
301-415-6715

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

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S. Lee

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DESIGN CERTIFICATION APPLICATION, DESIGN CONTROL DOCUMENT, TIER
2, CHAPTER 5, SECTION 5.4.1, "STEAM GENERATORS" DATED

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***via email**

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