

March 23, 2017

Mr. Thomas Bergman
Vice President, Regulatory Affairs
NuScale Power, LLC
1100 NE Circle Boulevard, Suite 200
Corvallis, OR 97330

SUBJECT: NUSCALE POWER, LLC. – ACCEPTANCE OF AN APPLICATION FOR
STANDARD DESIGN CERTIFICATION OF A SMALL MODULAR REACTOR

Dear Mr. Bergman:

This letter documents the U.S. Nuclear Regulatory Commission's (NRC) decision to accept for docketing the NuScale Power, LLC (NuScale) design certification application (DCA).

The NuScale DCA was submitted to the NRC on January 6, 2017, pursuant to the requirements of Title 10 of the *Code of Federal Regulations*, Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17013A229). This DCA package included a transmittal letter, dated December 31, 2016. By January 10, 2017, NuScale supplemented the application with one topical report and four technical reports, and by January 12, 2017, NuScale provided updated files that allowed successful completion of the NRC's electronic processing of the DCA package. In addition, NuScale submitted on March 9, 2017, supplemental information related to the seismic analysis of the NuScale Reactor Building structure and supplemental information related to several NuScale topical reports related to reactor systems.

The NRC staff performed an acceptance review of the NuScale DCA in accordance with 10 CFR 2.101, "Filing of application," 10 CFR 52.46, "Contents of applications; general information," 10 CFR 52.47, "Contents of applications; technical information," and Office of New Reactors' Office Instruction NRO-REG-100, "Acceptance Review Process for Design Certification and Combined License Applications." The NRC staff concluded that your DCA is sufficiently complete and technically adequate to allow the staff to conduct its detailed technical review within a predictable timeframe.

Pursuant to 10 CFR 2.815, "Docketing and acceptance review," the docket number established for this application is 52-048 (referred to as 05200048 in ADAMS). The NRC staff is developing its review schedule and will provide this schedule within 60 days of the date of this letter.

T. Bergman

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A notice of acceptance for docketing, found under ADAMS Accession No. ML17073A049, has been forwarded to the Office of the Federal Register for publication.

Sincerely,
/RA/

Frank Akstulewicz, Director
Division of New Reactor Licensing
Office of New Reactors

Docket No.: 52-048

cc: NuScale listserv

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