

February 2, 2017

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

SUBJECT: ACCEPTANCE LETTER FOR THE REVIEW OF NUSCALE TOPICAL REPORT
TR-0116-21012, "NUSCALE POWER CRITICAL HEAT FLUX CORRELATION
NSP2," REVISION 0 (PROJ0769)

Dear Mr. Bergman:

By letter dated October 5, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. [ML16279A363](#)), and as supplemented by letter dated December 29, 2016 (ADAMS Accession No. [ML17003A004](#)), NuScale Power, LLC (NuScale), submitted Topical Report (TR) TR-0116-21012, Revision 0, "NuScale Power Critical Heat Flux Correlation NSP2," to the U.S. Nuclear Regulatory Commission (NRC) staff for review.

The purpose of this letter is to inform you that the NRC staff has reviewed your application and concluded that the TR, as supplemented, provides information in sufficient detail to enable the NRC staff to conduct its detailed technical review. If the NRC staff needs additional information to conduct its review, it will issue formal requests for additional information (RAI) by separate correspondence.

The NRC staff plans to issue its RAIs by May 11, 2017, and issue the advance safety evaluation report for the TR by February 15, 2018, provided that NuScale is able to address any issues identified during the review process in a timely manner.

The NRC staff estimates that the detailed review of your TR requires approximately 400 staff-hours, including project management time. This estimate could change as the NRC staff conducts the detailed review or if additional rounds of RAIs are needed. On January 23, 2017, in an e-mail from Ms. Jennie Wike, Licensing Supervisor, NuScale agreed to the NRC staff's cost estimates and proposed review schedule.

Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that TRs are subject to fees based on the full cost of the review. You did not request a fee waiver; therefore, NRC staff hours will be billed accordingly.

T. Bergman

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If you have questions, please contact the Project Manager, Bruce Baval at (301) 415-6715 or Bruce.Baval@nrc.gov.

Sincerely,

/RA/

Samuel Lee, Chief
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

Project No.: PROJ0769

Cc: NuScale DC ListServ

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***via email**

NRO-002

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