

November 7, 2016

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

SUBJECT: ACCEPTANCE FOR REVIEW OF NUSCALE POWER, LLC, TOPICAL REPORT
TR-0616-48793-P, REVISION 0, "NUSCALE ANALYSIS CODES AND METHODS
QUALIFICATION"

Dear Mr. Bergman:

In an August 30, 2016 letter (Agencywide Documents Access and Management System (ADAMS) Accession No. [ML16423A517](#)), NuScale Power, LLC (NuScale) submitted for U. S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) TR-0616-48793-P, "Nuclear Analysis Codes and Methods Qualification." The NRC staff has performed an acceptance review of the TR and found that the material presented provides the technical information in sufficient detail to enable the NRC staff to complete a detailed technical review. In support of the review, the NRC staff requests that the following references be provided:

- SSP-08/405 Rev. 2, CASMO5 Methodology Manual, March 2014.
- SSP-13/436 Rev. 0, CMS5 Fuel Pin Model Description and Verification, October 2013.

The NRC staff expects to issue its requests for additional information by April 28, 2017, and issue its draft safety evaluation report by December 29, 2017, provided that NuScale is able to address any issues identified during the review process in a timely manner.

The NRC staff estimates that the review will require approximately 1000 staff hours including project management time. The review schedule milestones and estimated review efforts were provided to Jennie Wike, NuScale Power, LLC by e-mail. On October 20, 2016, Ms. Wike responded by e-mail (ADAMS Accession No. [ML16298A338](#)) indicating that NuScale concurs with the NRC staff's estimate for review hours and schedule for approving the report.

Section 170.21 of Title 10 of the *Code of Federal Regulations* states 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 regarding this matter, please contact the Project Manager, Anthony Markley at 301-415-3165 or Anthony.Markley@NRC.gov.

Sincerely,

/RA/

Mark Tonacci, Chief
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

Project No.: PROJ0769

cc: NuScale DC ListServ

T. Bergman

- 2 -

If you have questions regarding this matter, please contact the Project Manager, Anthony Markley at 301-415-3165 or Anthony.Markley@NRC.gov.

Sincerely,

/RA/

Mark Tonacci, 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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