

July 13, 2016

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

SUBJECT: FINAL SAFETY EVALUATION FOR NUSCALE POWER, LLC LICENSING  
TOPICAL REPORT: TR-0515-13952-NP, "RISK-SIGNIFICANCE  
DETERMINATION," REVISION 0, TAC NO. RN6110

Dear Mr. Bergman:

On July 30, 2015, NuScale Power, LLC (NuScale) submitted Licensing Topical Report (TR) TR-0515-13952-NP, "Risk-Significance Determination," Revision 0, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15211A469) to the NRC for staff review and approval. The NRC staff has found that the TR-0515-13952-NP, "Risk-Significance Determination," Revision 0, is acceptable for referencing in licensing applications for NuScale small modular reactor design to the extent specified and under the conditions and limitations delineated in the enclosed safety evaluation report (SER). The SER defines the basis for acceptance of the TR.

Our acceptance applies only to matters approved in the subject TR. We do not intend to repeat our review of the acceptable matters described in the topical report. When the report appears as a reference in license applications, our review will ensure that the material presented applies to the specific plant involved. Regulatory licensing action requests that deviate from this TR will be subject to additional staff reviews in accordance with applicable review standards.

In accordance with the guidance provided on the NRC's TR website (<http://www.nrc.gov/about-nrc/regulatory/licensing/topical-reports.html>), we request that NuScale publish an accepted version of this TR within 3 months of receipt of this letter. The accepted version shall incorporate this letter and the enclosed safety evaluation between the title page and the abstract. It must be well indexed such that information is readily located. Also, it must contain in appendices historical review information, such as questions and accepted responses, and original report pages that were replaced. The accepted version shall include an "-A" (designated accepted) following the report identification symbol.

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If the NRC's criteria or regulations change so that its conclusion in this letter, that the TR is acceptable, is invalidated, the NuScale Power, LLC and/or the applicant referencing the TR will be expected to revise and resubmit its respective documentation, or submit justification for the continued applicability of the TR without revision of the respective documentation.

Sincerely,

***/RA/ SLee for***

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

Project No. PROJ0769

Enclosure: Safety Evaluation

cc w/encl: DC NuScale Power LLC Listserv

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**ADAMS Accession Nos.**

**ML16181A215: PKG**

**ML16181A180: Letter**

**ML16181A218: FSER**

**\*via email**

**NRO-002**

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