

February 19, 2016

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 TOPICAL REPORT
1015-18653, "HIGHLY INTEGRATED PROTECTION SYSTEM PLATFORM,"
REVISION 0. (PROJ. 0769)

Dear Mr. Bergman:

In a December 23, 2015, letter, NuScale Power, LLC, (NuScale) submitted Topical Report (TR) 1015-18653, "Highly Integrated Protection System Platform" (HIPS), Rev 0. (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15363A114) for the U.S. Nuclear Regulatory Commission (NRC) staff's review. By way of this TR, NuScale is seeking NRC review and approval that the HIPS platform meets the applicable regulatory requirements associated with the fundamental instrumentation and control design principles.

The purpose of this letter is to inform you that the NRC staff has completed an acceptance review of your TR and concluded that it provides sufficient technical information to enable the NRC staff to conduct a detailed technical review. If the NRC staff needs additional information to complete its review, you will receive formal requests for additional information (RAI) by separate correspondence.

The NRC staff estimates that the detailed review of your TR requires 1,500 staff-hours, including project management time, for which NuScale will be billed at a rate of \$268 per hour. This estimate is based on only one round of RAIs, with a 60-day NuScale response time, and one presentation to the NRC's Advisory Committee on Reactor Safeguards. This estimate could change as the NRC staff conducts the detailed review or if additional rounds of RAIs are needed.

The NRC staff plans to begin its detailed review on February 29, 2016, issue the draft safety evaluation report (SER) for the topical report by the end of October 2016, and issue the final SER for the TR by the end of March 2017. On February 5, 2016, in an e-mail from Ms. Jennie Wike, Licensing Supervisor, NuScale agreed to the NRC staff's cost estimates and proposed review schedule.

T. Bergman

- 2 -

If you have any questions regarding this matter, please contact Mr. Omid Tabatabai, Senior Project Manager, at (301) 415-6616 or Omid.Tabatabai@nrc.gov.

Sincerely,
/RA/

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

Project No.: PROJ0769

cc: NuScale ListServ

T. Bergman

- 2 -

If you have any questions regarding this matter, please contact Mr. Omid Tabatabai, Senior Project Manager, at (301) 415-6616 or Omid.Tabatabai@nrc.gov.

Sincerely,
/RA/

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

Project No.: PROJ0769

cc: NuScale ListServ

DISTRIBUTION:

PUBLIC	GCranston, NRO	RidsAcrsAcnwMailCenter
LB1 R/F	OTabatabai, NRO	RidsOgcMailCenter
MBrown, NRO	RidsNroDnrLB1	RidsOpaMailCenter
MTonacci, NRO	FAkstulewicz, NRO	

ADAMS Accession No.: ML16048A135

***via email**

NRO-002

OFFICE	DNRL/LB1:PM*	DNRL/LB1:LA*	DNRL/LB1:PM*	DNRL/LB1:BC
NAME	OTabatabai	MBrown	GCranston	MTonacci
DATE	02/11/2016	02/11/2016	02/11/2016	02/19/2016

OFFICIAL RECORD COPY