

February 10, 2012

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738
Washington, DC 20555-0001

SUBJECT: NuScale Power Response to RIS 2011-02, Revision 1 (NRC Project No. 0769)

REFERENCE: NRC RIS 2011-02, Revision 1, *Licensing Submittal Information for Small Modular Reactor Designs*, dated December 27, 2011.

In Regulatory Issue Summary (RIS) 2011-02, Revision 1, the Nuclear Regulatory Commission (NRC) indicated that it seeks updated information regarding certain application submittals related to small modular reactor (SMR) designs to support the NRC budget development process and to effectively develop review plans. Responses to the specific questions from the updated RIS are enclosed for the NuScale scalable SMR design. Enclosure 2 is the proprietary version that includes proprietary information. We request that the proprietary version be withheld from public disclosure in accordance with the requirements of 10 C.F.R. § 2.390. Enclosure 3 is a redacted nonproprietary version of the responses.

If you have any questions, please feel free to contact me at (541) 207-3931, or at ewallace@nuscalepower.com.

Sincerely,



Edward G. Wallace
Vice President—Regulatory Affairs

Enclosure 1: Affidavit NP-AF-0212-017 (34,733 bytes)
Enclosure 2: NuScale Power Responses to NRC's RIS 2011-02 Rev. 1 – Proprietary (170, 144 bytes)
Enclosure 3: NuScale Power Responses to NRC's RIS 2011-02 Rev. 1 – Nonproprietary (168, 208 bytes)

cc:
Michael Mayfield, NRC, TWFN-6 E04
Stuart Magruder, NRC, TWFN-9 F27
Greg Cranston, NRC, TWFN-9 F27