



LO-0515-14243

May 19, 2015

Docket: PROJ0769

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

**SUBJECT:** NuScale, LLC Submittal of Presentation Materials Entitled "NuScale Reactor Stability," Revision 0, (PM-0515-14235) for Use During a closed Meeting on June 2, 2015 (NRC Project No. 0769)

NuScale Power, LLC (NuScale) has requested a meeting with the NRC technical staff on June 2, 2015, to discuss NuScale Reactor Stability. NuScale requested a closed meeting due to the proprietary nature of the information that will be presented and discussed.

The purpose of this submittal is to provide presentation materials to the NRC for use during this meeting addressing the details of the approach taken for stability mechanism, model description, stability analysis sample applications, and elements of stability protection methodology.

Enclosure 1 is the nonproprietary version of the presentation entitled "NuScale Reactor Stability." Enclosure 2 is the proprietary version. NuScale requests that the proprietary version be withheld from public disclosure in accordance with the requirements of 10 CFR § 2.390. The enclosed affidavit (Enclosure 3) supports this request. This correspondence includes preliminary and/or conceptual information which reflects the current stage of the NuScale design and may be subject to change.

Please feel free to contact Steven Mirsky at (301)770-0472 or at [smirsky@nuscalepower.com](mailto:smirsky@nuscalepower.com) if you have any questions.

Sincerely,

Steven Mirsky  
NuScale Washington DC Licensing Manager

Distribution: Greg Cranston, NRC, TWFN-6E7  
Michael Mayfield, NRC, TWFN-6E4  
Omid Tabatabai, NRC, TWFN-6E7  
Mark Tonacci, NRC, TWFN-6E7

Enclosure 1: "NuScale Reactor Stability," PM-0515-14235-NP, Revision 0, nonproprietary version  
Enclosure 2: "NuScale Reactor Stability," PM-0515-14235-P, Revision 0, proprietary version  
Enclosure 3: Affidavit, AF-0515-14244

D111  
NR20