



May 17, 2016

Docket: PROJ0769

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

**SUBJECT:** NuScale Power, LLC Submittal of Presentation Materials Entitled "Reactivity Control, NuScale Design and Licensing Basis," Revision 0, PM-0416-48568 for Use during a Closed Meeting on May 19, 2016 (NRC Project No. 0769)

NuScale Power, LLC had requested an interaction with the Nuclear Regulatory Commission at which it would present the regulatory and design aspects of the NuScale plant reactivity control systems.

Enclosure 1 is the nonproprietary version of the presentation entitled "Reactivity Control, NuScale Design and Licensing." Enclosure 2 is the proprietary version of the presentation entitled "Reactivity Control, NuScale Design and Licensing." 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. Enclosure 2 has also been determined to contain Export Controlled Information. This information must be protected from disclosure per the requirements of 10 CFR Part 810.

This correspondence includes preliminary and/or conceptual information, which reflects the current stage of the NuScale design and may be subject to change. This letter makes no regulatory commitments and no revisions to any existing regulatory commitments.

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

Sincerely,

Steven Mirsky  
Manager, Regulatory Affairs  
NuScale Power, LLC

Distribution: Frank Akstulewicz, NRC, TWFN-6C20  
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- Enclosure 1: "Reactivity Control, NuScale Design and Licensing," PM-0416-48568-NP, Revision 0, nonproprietary version
- Enclosure 2: "Reactivity Control, NuScale Design and Licensing," PM-0416-48568-P, Revision 0, proprietary version
- Enclosure 3: NuScale Affidavit, AF-0516-49179

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