

July 30, 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 Power, LLC Submittal of Topical Report TR-0515-13952, "Risk Significance Determination," Revision 0 (NRC Project No. 0769)

REFERENCES

1. Letter from NuScale Power, LLC to U.S. Nuclear Regulatory Commission "Key Issue Resolution Prior to Design Certification Application," LO-0715-16060, dated July 22, 2015
2. Presentation Slides Entitled "Design Certification Pre-Application Submittal Licensing Topic Resolution," PM-0415-13405-NP, Revision 0, dated April 21, 2015 (ML15111A203)

In the referenced letter dated July 22, 2015, NuScale Power, LLC (NuScale) provided an updated schedule for topical report submittals. Consistent with that schedule and the referenced April 21, 2015 presentation to NRC, NuScale hereby submits Topical Report TR-0515-13952, "Risk Significance Determination," Revision 0.

Standard Review Plan (SRP) Chapter 19.0, Draft Revision 3, "Probabilistic Risk Assessment and Severe Accident Evaluations for New Reactors," states that the term "significant" is intended to be consistent with the definition provided in RG 1.200, and any other definition shall be subject to additional staff review and approval. The Purpose of this report is to provide NuScale's alternative definition to the term "significant" as it relates to risk significance determination. The Topical Report describes the methodology NuScale has elected to identify candidate risk-significant structures, systems and components (SSC) using probabilistic risk assessment (PRA). This methodology involves the use of alternative metrics to Regulatory Guide 1.200 for defining the term "significant".

NuScale requests NRC review and approval, under the NRC's licensing topical report program, of Enclosure 1 entitled TR-0515-13952, "Risk Significance Determination," Revision 0.

This letter and its enclosure make no regulatory commitments and no revisions to any existing regulatory commitments.

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

Sincerely,



Steven Mirsky
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Licensing Manager, Washington DC

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Enclosure 1: TR-0515-13952-NP, "Risk Significance Determination," Revision 0