

April 8, 2011

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

SUBJECT: Submittal of Proprietary NuScale Preliminary Loss-of-Coolant Accident (LOCA) Thermal-Hydraulic and Neutronics Phenomena Identification and Ranking Table (PIRT) Technical Report, Revision 1 (NRC Project No. 0769)

REFERENCES: 1) NuScale letter NP-LO-0610-102, dated June 25, 2010 (ADAMS ML101810021) accompanying proprietary NuScale Preliminary Loss-of-Coolant Accident (LOCA) Thermal-Hydraulic and Neutronics Phenomena Identification and Ranking Table (PIRT) Licensing Topical Report, Revision 0.

 2) NuScale Response to Regulatory Issue Summary (RIS) 2010-03, "Licensing Submittal Information for Small Modular Reactor Designs," March 22, 2010. (ADAMS ML100810155)

This submittal includes Revision 1 of the subject report which revises the previously-submitted Licensing Topical Report of Reference 1. It should be noted that Revision 1 is submitted as a Technical Report and that Revision 1 differs from Revision 0 in that the manner by which proprietary information is identified, using double brackets that include references to applicable subsections of the affidavit of Enclosure 2, has been clarified.

Enclosure 1 (NP-TR-0610-289-P, Revision 1) includes NuScale Power proprietary information as defined by 10 CFR § 2.390. NuScale Power customarily maintains this information in confidence and withholds it from public disclosure. A non-proprietary version of Enclosure 1 will be provided in a separate submittal.

The affidavit of Enclosure 2 identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to NuScale Power. NuScale Power hereby requests that the information of Enclosure 1 be withheld from public disclosure in accordance with the provisions of 10 CFR §§ 2.390 and 9.17.

If you should have any questions or concerns please direct them to Derick Botha at (541) 207-3931 or at dbotha@nuscalepower.com or the undersigned.

Sincerely,



Edward G. Wallace
Senior Vice President, Regulatory Affairs

US NRC
April 7, 2011
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Enclosures:

1. NP-TR-0610-289-P, "NuScale Preliminary Loss-of-Coolant Accident (LOCA) Thermal-Hydraulic and Neutronics Phenomena Identification and Ranking Table (PIRT)," Revision 1, NuScale Proprietary Information
2. NP-AF-0311-010, Affidavit, April 6, 2011

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

Document components: (1) NP-TR-0610-289-P LOCA PIRT.pdf, 483,659 bytes
(2) NP-AF-0311-010 Affidavit for LOCA PIRT.pdf, 6,321,756 bytes