NuScale Power

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 Nonproprietary 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)

REFERENCE: 1) Letter from NuScale Power, Inc. to U.S. Nuclear Regulatory Commission, "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)", dated March 8, 2011 (NP-LO-0311-ABC).

2) Letter from NuScale Power accompanying the submittal of Nonproprietary Preliminary Loss-of-Coolant Accident Thermal-Hydraulics and Neutronics Phenomena Identification and Ranking Table Licensing Topical Report (NRC Project No, 0769), NP-LO-0610-103, dated June 25, 2010 (ADAMS ML101810012).

The enclosed report, NP-TR-0610-289-NP, Revision 1, is the nonproprietary version of "Preliminary Loss-of-Coolant Accident (LOCA) Thermal-Hydraulic and Neutronics Phenomena Identification and Ranking Table (PIRT)" Technical Report (NRC Project No. 0769), submitted April 8, 2011 (Reference 1). It should be noted that Revision 1 is submitted as a Technical Report that revises the Licensing Topical Report mentioned in Reference 2. Revision 1 of the report 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.

Questions or concerns may be directed to Derick Botha at (541) 207-3931 or at dbotha@nuscalepower.com or the undersigned.

Sincerely,

Edward G. Wallace
Senior Vice President, Regulatory Affairs

Enclosure:

1. NP-TR-0610-289-NP, “NuScale Preliminary Loss-of-Coolant Accident (LOCA) Thermal-Hydraulic and Neutronics Phenomena Identification and Ranking Table (PIRT),” Revision 1

Document Components:

1. NP-TR-0610-289-NP, LOCA PIRT Nonproprietary, 369,789 bytes

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