



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

December 19, 2017

Mr. Thomas Bergman  
Vice President, Regulatory Affairs  
NuScale Power, LLC  
1100 Circle Boulevard, Suite 200  
Corvallis, OR 97330

**SUBJECT: REQUEST FOR WITHHOLDING INFORMATION FROM PUBLIC DISCLOSURE  
FOR NUSCALE POWER, LLC**

Dear Mr. Bergman:

By letters to the U.S. Nuclear Regulatory Commission (NRC) included in the list below, NuScale Power, LLC (NuScale) requested that the information included within the letters, or as an enclosure to the letters, be withheld from public disclosure pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 2, Section 2.390.

<b>Letter Number and Date</b>	<b>Subject</b>	<b>Accession Number</b>	<b>Affidavit</b>
RAIO-0717-54771 07/06/2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 14 (eRAI No. 8807) on the NuScale Topical Report TR-0616-48793, "Nuclear Analysis Codes and Methods Qualification," Revision 0	ML17187B239	AF-0717-54772
RAIO-0717-54798 07/07/2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 13 (eRAI No. 8795) on NuScale Topical Report TR-0116-21012, "NuScale Power Critical Heat Flux Correlation NSP2," Revision 0	ML17188A461	AF-0717-54799
RAIO-0617-54692 06/28/2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 19 (eRAI No. 8769) on the NuScale Design Certification Application	ML17180A482	AF-0617-54694
RAIO-0817-55271 08/03/2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 18 (eRAI No. 8814) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417	ML17219A144	AF-0817-55272
RAIO-0717-55061 08/01/2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 50 (eRAI No. 8851) on the NuScale Design Certification Application	ML17213A245	Affidavit of Nathan Hottle

<b>Letter Number and Date</b>	<b>Subject</b>	<b>Accession Number</b>	<b>Affidavit</b>
RAIO-0817-55331 March 7, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 16 (eRAI No. 8801) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417	ML17219A737	AF-0817-55332
RAIO-1117-57350 November 30, 2017	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 8931 (eRAI No. 8931) on the NuScale Topical Report, "NuScale Power Critical Heat Flux Correlation NSP2," TR-0116-21012, Revision 0	ML17334B532	AF-1117-57351
LO-1117-57378 January 30, 2017	NuScale Power, LLC Submittal of Topical Report "Critical Heat Flux Correlations," TR-0116-21012, Revision 1	ML17335A088	AF-1117-57385
RAIO-1217-57654 December 13, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 262 (eRAI No. 8847) on the NuScale Design Certification Application	ML1734B713	AF-1217-57663
RAIO-1017-56884 October 31, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 220 (eRAI No. 8805) on the NuScale Design Certification Application	ML17304B487	AF-1017-56885
RAIO-0717-55010 July 24, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 8800 (eRAI No. 8800) on the NuScale Topical Report, "Accident Source Term Methodology," TR-0915-17565, Revision 1	ML17205A486	AF-0717-55012
RAIO-0817-55640; August 24, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 8881 (eRAI No. 8881) on the NuScale Topical Report, "Accident Source Term Methodology," TR-0915-17565, Revision 1	ML17236A529	AF-0817-55644
RAIO-1017-56528; October 1□, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 180 (eRAI No. 9010) on the NuScale Design Certification Application	ML17284A917	AF-1017-56529
RAIO-1117-57395; November 29, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 224 (eRAI No. 9011) on the NuScale Design Certification Application	ML17333B179	AF-1117-57396
RAIO-1117-57382; November 28, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 244 (eRAI No. 9013) on the NuScale Design Certification Application	ML17332B022	AF-1117-57383
RAIO-1117-57089; November 10, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 187 (eRAI No. 9014) on the NuScale Design Certification Application	ML17314A031	AF-1117-57091
RAIO-1017-56690; October 18, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 189 (eRAI No. 9025) on the NuScale Design Certification Application	ML17291B316	AF-1017-56715

<b>Letter Number and Date</b>	<b>Subject</b>	<b>Accession Number</b>	<b>Affidavit</b>
RAIO-1217-57467; December 04, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No.204 (eRAI No. 9026) on the NuScale Design Certification Application	ML17338B185	AF-1217-57468
RAIO-0717-55010; July 24, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 8800 (eRAI No. 8800) on the NuScale Topical Report, "Accident Source Term Methodology," TR-0915-17565, Revision 1	ML17205A486	AF-0717-55012
RAIO-0817-55640; August 24, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 8881 (eRAI No. 8881) on the NuScale Topical Report, "Accident Source Term Methodology," TR-0915-17565, Revision 1	ML17236A529	AF-0817-55644
RAIO-1017-56528; October 1 <sup>st</sup> , 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 180 (eRAI No. 9010) on the NuScale Design Certification Application	ML17284A917	AF-1017-56529
RAIO-1117-57395; November 29, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 224 (eRAI No. 9011) on the NuScale Design Certification Application	ML17333B179	AF-1117-57396
RAIO-1117-57382; November 28, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 244 (eRAI No. 9013) on the NuScale Design Certification Application	ML17332B022	AF-1117-57383
RAIO-1117-57089; November 10, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 187 (eRAI No. 9014) on the NuScale Design Certification Application	ML17314A031	AF-1117-57091
RAIO-1017-56690; October 18, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 189 (eRAI No. 9025) on the NuScale Design Certification Application	ML17291B316	AF-1017-56715
RAIO-1217-57467; December 04, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 204 (eRAI No. 9026) on the NuScale Design Certification Application	ML17338B185	AF-1217-57468
RAIO-1017-56790; October 24, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 202 (eRAI No. 8911) on the NuScale Design Certification Application	ML17297B949	AF-1017-56807
RAIO-1117-57190; November 15, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 232 (eRAI No. 9113) on the NuScale Design Certification Application	ML17319B000	AF-1117-57191
RAIO-1017-56886; October 27, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 214 (eRAI No. 8858) on the NuScale Design Certification Application	ML17300B428	AF-1017-56887

<b>Letter Number and Date</b>	<b>Subject</b>	<b>Accession Number</b>	<b>Affidavit</b>
RAIO-0817-55329; August 07, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 58 (eRAI No. 8835) on the NuScale Design Certification Application	ML17219A748	AF-0817-55333
RAIO-1017-56765; October 23, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 200 (eRAI No. 9021) on the NuScale Design Certification Application	ML17296B366	AF-1017-56766
RAIO-1017-56703; October 18, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 194 (eRAI No. 8884) on the NuScale Design Certification Application	ML17291B309	AF-1017-56705
RAIO-0917-56334; October 03, 2017	NuScale Power, LLC Response to NRC Request for Additional Information No. 135 (eRAI No. 8928) on the NuScale Design Certification Application	ML17276B458	AF-0917-56335
LO-1216-52560 December 30, 2016	NuScale Power, LLC Submittal of "Rod Ejection Accident Methodology," TR-0716-50350, Revision 0	ML16365A242	AF-1216-52496
LO-1216-52517 December 30, 2016	NuScale Power, LLC Submittal of "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 0	ML17004A138	AF-1216-52516
LO-0117-52647 January 10, 2017	NuScale Power, LLC Submittal of "Non-Loss-of-Coolant Accident Analysis Methodology," TR-0516-49416, Revision 0	ML17010A427	AF-0117-52648
LO-0817-55242 August 10, 2-017	NuScale Power, LLC Submittal of "Non-Loss-of-Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML17222A827	AF-0817-55243

The affidavits state that the submitted information should be considered exempt:

- (a) The information sought to be withheld from public disclosure is owned by NuScale and has been held in confidence by NuScale;
- (b) The information sought to be protected is not available to the public to the best of your knowledge and belief; and,
- (c) The information is of the type that would customarily be held in confidence by NuScale. Public disclosure of this information is likely to cause harm to NuScale because it would allow contractors, vendors, and competitors to understand the competitive position of NuScale.

The NRC staff reviewed your application and the material in accordance with the requirements of 10 CFR 2.390. Based upon the statements in the affidavit, we have determined that the submitted information sought to be withheld contains proprietary commercial information and should be withheld from public disclosure. Therefore, the version of the submitted information marked as proprietary will be withheld from public disclosure pursuant to 10 CFR 2.390(b)(5) and Section 103(b) of the Atomic Energy Act of 1954, as amended.

Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned to inspect the documents. If the need arises, the NRC staff may send copies of this information to our consultants working in this area. The NRC staff will, of course, ensure

that the consultants have signed the appropriate agreements for handling proprietary information.

If the basis for withholding this information from public inspection should change in the future, such that the information could then be made available for public inspection, you should promptly notify the NRC staff. You also should understand that the NRC staff may have cause to review this determination in the future, for example, if the scope of a Freedom of Information Act request includes your information. In all review situations, if the NRC staff makes a determination adverse to the above, you will be notified in advance of any public disclosure.

If you have any questions regarding this matter, I may be reached at (301) 415-7646.

Sincerely,

Demetrius Murray, Project Manager */RA/*  
Licensing Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket No. 52-048

cc: NuScale Power LLC Listserv

SUBJECT: WITHHOLDING PROPRIETARY INFORMATION FROM PUBLIC DISCLOSURE  
DATE: 12/19/2017

DISTRIBUTION:

PUBLIC

SGreen, NRO

NRO\_DNRL\_LB1 Distribution

RidsOgcMailCenter

RidsAcrsAcnwMailCenter

ADAMS Accession No.: ML17349A207

\*via e-mail

NRO-002

OFFICE	NRO/DNRL/LB1: PM*	NRO/DNRL/LB1: LA	NRO/DNRL/LB1: PM*	NRO/DNRL/LB1: BC
NAME	DMurray	MBrown	GCranston	SLee
DATE	12/14/2017	12/18/2017	12/17/2017	12/19/2017

**OFFICIAL RECORD COPY**