



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

April 22, 2019

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.

Letter Number and Date	Subject	Accession Number	Affidavit
RAIO-0118-57999 01/02/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9136 (eRAI No. 9136) on the NuScale Design Certification Application	ML18002A610	AF-0118-58000
RAIO-0118-57991 01/02/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 272 (eRAI No. 9160) on the NuScale Design Certification Application	ML18002A596	AF-0118-57992
LO-0118-57985 01/04/2018	NuScale Power, LLC Submittal of Human Factors Verification and Validation Implementation Plan, RP-0914-8543, Revision 4	ML18004B974	AF-0118-57986
RAIO-0118-58100 01/09/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 189 (eRAI No. 9025) on the NuScale Design Certification Application	ML18009B051	AF-0118-58101
RAIO-0118-58153 01/15/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 180 (eRAI No. 9010) on the NuScale Design Certification Application	ML18015A010	AF-0118-58156

RAIO-0118-58263 01/19/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9089 (eRAI No. 9089) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18019A944	AF-0118-58264
RAIO-0118-58329 01/26/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9172 (eRAI No. 9172) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18026A856	AF-0118-58330
RAIO-0118-58326 01/26/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9105 (eRAI No. 9105) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18026A939	AF-0118-58327
RAIO-0118-58378 01/29/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 187 (eRAI No. 9014) on the NuScale Design Certification Application	ML18029A348	AF-0118-58379
RAIO-0118-58451 01/30/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9149 (eRAI No. 9149) on the NuScale Topical Report, "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 0	ML18030B256	AF-0118-58452
RAIO-0118-58482 01/31/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9126 (eRAI No. 9126) on the NuScale Topical Report, "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 0	ML18031B319	AF-0118-58483
RAIO-0118-58484 01/31/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 244 (eRAI No. 9013) on the NuScale Design Certification Application	ML18031B327	AF-0118-58485
LO-0118-58455 02/05/2018	NuScale Power, LLC Response to NRC Regulatory Issue Summary 2017-18 "Process for Scheduling and Allocating Resources for Fiscal Years 2020 through 2022 for the Review of New Licensing Applications for Light-Water Reactors and Non-Light-Water Reactors"	ML18036B047	AF-0218-58533
LO-0118-58145 02/09/2018	NuScale Power, LLC Submittal of the Approved Version of NuScale Topical Report TR-0116-20825, "Applicability of AREVA Fuel Methodology for the NuScale Design," Revision 1 (NRC Project No. 0769)	ML18040B306	AF-0118-58146
RAIO-0218-58644 02/12/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9218 (eRAI No. 9218) on the NuScale Topical Report, "Evaluation Methodology	ML18045A683	AF-0218-58645

	for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0		
RAIO-0218-58621 02/12/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9175 (eRAI No. 9175) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18043B151	AF-0218-58622
RAIO-0218-58724 02/16/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9171 (eRAI No. 9171) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18047A737	AF-0218-58725
RAIO-0218-58737 02/19/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9177 (eRAI No. 9177) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18050A048	AF-0218-58738
RAIO-0218-58872 02/27/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9176 (eRAI No. 9176) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18058A787	AF-0218-58873
RAIO-0218-58949 03/02/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 9080 (eRAI No. 9080) on the NuScale Topical Report, "Subchannel Analysis Methodology," TR-0915-17564, Revision 1	ML18061A108	AF-0218-58950
RAIO-0318-59230 03/21/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9106 (eRAI No. 9106) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18080A231	AF-0318-59231
RAIO-0318-59362 03/30/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9107 (eRAI No. 9107) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18089A092	AF-0318-59363
RAIO-0418-59403 04/03/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9333 (eRAI No. 9333) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18093B575	AF-0418-59404
RAIO-0418-59445 04/06/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 234 (eRAI No. 9118) on the NuScale Design Certification Application	ML18096B882	AF-0418-59446

RAIO-0418-59474 04/09/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9173 (eRAI No. 9173) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18099A375	AF-0418-59475
RAIO-0418-59476 04/09/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 364 (eRAI No. 9248) on the NuScale Design Certification Application	ML18099A379	AF-0418-59477
RAIO-0418-59511 04/13/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 391 (eRAI No. 9370) on the NuScale Design Certification Application	ML18103A153	AF-0418-59515
RAIO-0418-59676 04/23/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9388 (eRAI No. 9388) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18113B006	AF-0418-59676
RAIO-0418-59693 04/24/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 378 (eRAI No. 9372) on the NuScale Design Certification Application	ML18114A823	AF-0418-59694
RAIO-0418-59751 04/30/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 387 (eRAI No. 9398) on the NuScale Design Certification Application	ML18120A252	AF-0418-59752
RAIO-0518-59779 05/01/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 389 (eRAI No. 9414) on the NuScale Design Certification Application	ML18121A299	AF-0518-59780
RAIO-0518-59812 05/03/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 380 (eRAI No. 9394) on the NuScale Design Certification Application	ML18123A540	AF-0518-59813
RAIO-0518-59875 05/08/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 9093 (eRAI No. 9093) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18129A164	AF-0518-59876
RAIO-0518-59877 05/09/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 16 (eRAI No. 8783) on the NuScale Design Certification Application	ML18129A179	AF-0518-59878
RAIO-0518-59932 05/10/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 386 (eRAI No. 9316) on the NuScale Design Certification Application	ML18130A811	AF-0518-59933
RAIO-0518-59984 05/14/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 90 (eRAI No. 8758) on the NuScale Design Certification Application	ML18134A353	AF-0518-59985

RAIO-0518-59976 05/15/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 221 (eRAI No. 9114) on the NuScale Design Certification Application	ML18135A123	AF-0518-59977
RAIO-0518-60048 05/17/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 399 (eRAI No. 9399) on the NuScale Design Certification Application	ML18137A584	AF-0518-60054
RAIO-0518-60115 05/21/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 116 (eRAI No. 8926) on the NuScale Design Certification Application	ML18141A883	AF-0518-60016
RAIO-0518-60073 05/21/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 392 (eRAI No. 9318) on the NuScale Design Certification Application	ML18141A866	AF-0518-60074
RAIO-0518-60154 05/23/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 400 (eRAI No. 9409) on the NuScale Design Certification Application	ML18143B532	AF-0518-60155
RAIO-0518-60222 05/30/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9438 (eRAI No. 9438) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18150A707	AF-0518-60223
RAIO-0618-60250 06/01/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9439 (eRAI No. 9439) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18152B881	AF-0618-60251
RAIO-0618-60298 06/04/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9441 (eRAI No. 9441) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18155A625	AF-0618-60299
RAIO-0618-60285 06/04/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9306 (eRAI No. 9306) on the NuScale Topical Report, "Rod Ejection Accident Methodology," TR-0716-50350, Revision 0	ML18155A628	AF-0618-60286
RAIO-0618-60380 06/11/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 413 (eRAI No. 9432) on the NuScale Design Certification Application	ML18162A348	AF-0618-60381
RAIO-0618-60376 06/11/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 414 (eRAI No. 9430) on the NuScale Design Certification Application	ML18162A359	AF-0618-60377
RAIO-0618-60387 06/12/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 422	ML18163A421	AF-0618-60389

	(eRAI No. 9512) on the NuScale Design Certification Application		
RAIO-0618-60462 06/14/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 332 (eRAI No. 9245) on the NuScale Design Certification Application	ML18165A464	AF-0618-60463
RAIO-0618-60468 06/19/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 429 (eRAI No. 9396) on the NuScale Design Certification Application	ML18170A157	AF-0618-60523
RAIO-0618-60565 06/20/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 410 (eRAI No. 9310) on the NuScale Design Certification Application	ML18171A409	AF-0618-60566
RAIO-0618-60567 06/20/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 428 (eRAI No. 9360) on the NuScale Design Certification Application	ML18172A227	AF-0618-60568
RAIO-0618-60593 06/25/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 436 (eRAI No. 9435) on the NuScale Design Certification Application	ML18176A256	AF-0618-60601
RAIO-0618-60590 06/25/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 434 (eRAI No. 9427) on the NuScale Design Certification Application	ML18176A170	AF-0618-60591
RAIO-0618-60602 06/25/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 133 (eRAI No. 8936) on the NuScale Design Certification Application	ML18176A155	AF-0618-60603
RAIO-0618-60666 06/28/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 452 (eRAI No. 9518) on the NuScale Design Certification Application	ML18179A526	AF-0618-60667
RAIO-0618-60689 06/28/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 464 (eRAI No. 9504) on the NuScale Design Certification Application	ML18179A522	AF-0618-60690
RAIO-0618-60652 06/28/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 463 (eRAI No. 9486) on the NuScale Design Certification Application	ML18179A531	AF-0618-60653
RAIO-0618-60714 06/29/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 466 (eRAI No. 9482) on the NuScale Design Certification Application	ML18180A420	AF-0618-60715
RAIO-0718-60761 07/03/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9466 (eRAI No. 9466) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18184A589	AF-0718-60761
RAIO-0718-60781 07/09/2018	NuScale Power, LLC Response to NRC Request for Additional Information No.	ML18190A519	AF-0718-60782

	9513 (eRAI No. 9513) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1		
RAIO-0718-60793 07/09/2018	uScale Power, LLC Response to NRC Request for Additional Information No. 9374 (eRAI No. 9374) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18190A522	AF-0718-60794
RAIO-0718-60823 07/10/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 474 (eRAI No. 9507) on the NuScale Design Certification Application	ML18191B329	AF-0718-60825
RAIO-0718-60801 07/10/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 473 (eRAI No. 9483) on the NuScale Design Certification Application	ML18191B326	AF-0718-60802
RAIO-0718-60870 07/12/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 477 (eRAI No. 9488) on the NuScale Design Certification Application	ML18193B181	AF-0718-60871
RAIO-0718-60877 07/13/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9351 (eRAI No. 9351) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18194A749	AF-0718-60878
RAIO-0718-60858 07/13/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 476 (eRAI No. 9489) on the NuScale Design Certification Application	ML18194A952	AF-0718-60883
RAIO-0718-60857 07/13/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 440 (eRAI No. 9487) on the NuScale Design Certification Application	ML18194A947	AF-0718-60887
RAIO-0718-60926 07/17/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 232 (eRAI No. 9113) on the NuScale Design Certification Application	ML18198A516	AF-0718-60927
RAIO-0718-60977 07/19/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 410 (eRAI No. 9310) on the NuScale Design Certification Application	ML18201A268	AF-0718-60978
RAIO-0718-60971 07/20/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 481 (eRAI No. 9368) on the NuScale Design Certification Application	ML18201A359	AF-0718-60972
RAIO-0718-60922 07/20/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 482 (eRAI No. 9395) on the NuScale Design Certification Application	ML18201A351	AF-0718-60925
RAIO-0718-60989 07/23/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 232	ML18204A142	AF-0718-60990

	(eRAI No. 9113) on the NuScale Design Certification Application		
RAIO-0718-61064 07/24/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9374 (eRAI No. 9374) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18205A804	AF-0718-61065
RAIO-0718-61073 07/25/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 427 (eRAI No. 9408) on the NuScale Design Certification Application	ML18206A815	AF-0718-61074
LO-0718-60805 07/26/2018	NuScale Power, LLC Submittal of "Improvements in Frequency Domain Soil-Structure-Fluid Interaction Analysis" Topical Report, TR-0118-58005, Revision 0	ML18208A362	AF-0718-60806
RAIO-0718-61094 07/26/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 410 (eRAI No. 9310) on the NuScale Design Certification Application	ML18207A526	AF-0718-61095
LO-0618-60695 07/30/2018	NuScale Power, LLC Submittal of Topical Report TR-0616-48793, "Nuclear Analysis Codes and Methods Qualification," Revision 1	ML18211A429	AF-0618-60702
RAIO-0718-61146 07/31/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9224 (eRAI No. 9224) on the NuScale Topical Report, "Accident Source Term Methodology," TR-0915-17565, Revision 2	ML18212A192	AF-0718-61147
RAIO-0818-61204 08/02/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 200 (eRAI No. 9021) on the NuScale Design Certification Application	ML18214A835	AF-0818-61205
RAIO-0718-61202 08/06/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 470 (eRAI No. 9471) on the NuScale Design Certification Application	ML18219B328	AF-0818-61203
RAIO-0818-61383 08/13/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9555 (eRAI No. 9555) on the NuScale Topical Report, "NuScale Applicability of AREVA Method for the Evaluation of Fuel Assembly Structural Response to Externally Applied Forces," TR-0716-50351, Revision 0	ML18226A357	No Affidavit Number
RAIO-0818-61404 08/16/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9158 (eRAI No. 9158) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18228A817	AF-0818-61437
RAIO-0818-61403 08/16/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9519 (eRAI No. 9519) on the NuScale	ML18228A826	AF-0818-61436



	Topical Report, "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 0		
LO-0718-61104 08/16/2018	NuScale Power, LLC Submittal of Changes to "NuScale Generic Technical Guidelines," Draft Revision 1, TR-1117-57216	ML18228A855	AF-0718-61106
RAIO-0818-61457 08/17/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9444 (eRAI No. 9444) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18229A337	AF-0818-61458
RAIO-0818-61503 08/22/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 9351 (eRAI No. 9351) on the NuScale Topical Report, "Non- Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18234A531	AF-0818-61504
RAIO-0818-61515 08/22/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9374 (eRAI No. 9374) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18234A521	AF-0818-61516
RAIO-0818-61523 08/22/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9351 (eRAI No. 9351) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18234A537	AF-0818-61524
LO-0818-61500 08/22/2018	NuScale Power, LLC Submittal of Presentation Materials Entitled "Passive Use of NuScale Inadvertent Actuation Block," PM-0818-61342-P, Revision 0	ML18236A546	AF-0818-61501
RAIO-0818-61567 08/27/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 380 (eRAI No. 9394) on the NuScale Design Certification Application	ML18239A251	AF-0818-61568
RAIO-0818-61553 08/27/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 116 (eRAI No. 8926) on the NuScale Design Certification Application	ML18239A287	AF-0818-61554
RAIO-0818-61586 08/28/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9513 (eRAI No. 9513) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18240A378	AF-0818-61587
RAIO-0818-61600 08/28/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9466 (eRAI No. 9466) on the NuScale Topical Report, "Non-Loss of Coolant	ML18240A447	AF-0818-61601

	Accident Analysis Methodology," TR-0516-49416, Revision 1		
RAIO-0818-61634 08/30/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 256 (eRAI No. 9161) on the NuScale Design Certification Application	ML18242A703	AF-0818-61634
RAIO-0918-61681 09/06/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 399 (eRAI No. 9399) on the NuScale Design Certification Application	ML18249A421	AF-0918-61682
RAIO-0918-61722 09/10/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 437 (eRAI No. 9465) on the NuScale Design Certification Application	ML18253A287	AF-0918-61723
RAIO-0918-61781 09/13/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 447 (eRAI No. 9508) on the NuScale Design Certification Application	ML18256A402	AF-0918-61782
RAIO-0918-61763 09/13/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 377 (eRAI No. 9380) on the NuScale Design Certification Application	ML18256A343	AF-0918-61765
RAIO-0918-61764 09/13/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 398 (eRAI No. 9317) on the NuScale Design Certification Application	ML18256A361	AF-0918-61766
RAIO-0918-61810 09/14/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 484 (eRAI No. 8930) on the NuScale Design Certification Application	ML18257A308	AF-0918-61811
RAIO-0918-61793 09/17/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9492 (eRAI No. 9492) on the NuScale Topical Report, "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 0	ML18260A315	AF-0918-61794
RAIO-0918-61822 09/17/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 420 (eRAI No. 9459) on the NuScale Design Certification Application	ML18260A374	AF-0918-61823
RAIO-0918-61838 09/18/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9476 (eRAI No. 9476) on the NuScale Topical Report, "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 0	ML18261A400	AF-0918-61839
RAIO-0918-61895 09/20/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9466 (eRAI No. 9466) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18263A311	AF-0918-61896

RAIO-0918-61888 09/20/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 410 (eRAI No. 9310) on the NuScale Design Certification Application	ML18264A273	AF-0918-61889
RAIO-0918-61859 09/21/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9536 (eRAI No. 9536) on the NuScale Topical Report, "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 0	ML18264A338	AF-0918-61916
RAIO-0918-61914 09/21/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 441 (eRAI No. 9485) on the NuScale Design Certification Application	ML18264A341	AF-0918-61915
RAIO-0918-61934 09/25/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 487 (eRAI No. 9549) on the NuScale Design Certification Application	ML18268A365	AF-0918-61935
RAIO-0918-61953 09/26/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9374 (eRAI No. 9374) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18269A360	AF-0918-61954
RAIO-0918-61997 09/27/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9374 (eRAI No. 9374) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18270A472	AF-0918-61998
RAIO-0918-61977 09/27/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9158 (eRAI No. 9158) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18270A466	AF-0918-61978
RAIO-0918-61995 09/27/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9466 (eRAI No. 9466) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18270A469	AF-0918-61996
RAIO-0918-61956 09/28/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9085 (eRAI No. 9085) on the NuScale Topical Report, "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 0	ML18271A158	AF-0918-61968
RAIO-0918-61890 09/28/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9475 (eRAI No. 9475) on the NuScale Topical Report, "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 0	ML18271A167	AF-0918-62000

RAIO-0918-61969 09/28/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 451 (eRAI No. 9517) on the NuScale Design Certification Application	ML18271A141	AF-0918-61970
RAIO-1018-62009 10/01/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 377 (eRAI No. 9380) on the NuScale Design Certification Application	ML18274A400	AF-1018-62010
LO-0718-61021 10/01/2018	NuScale Power, LLC Submittal of "Nuclear Steam Supply System Advanced Sensors Technical Report," TR-0316-22048, Revision 1	ML18274A392	AF-0718-61023
LO-0918-61827 10/03/2018	NuScale Power, LLC Submittal of "Pipe Rupture Hazards Analysis," TR-0818-61384, Revision 0	ML18276A203	AF-0918-61828
RAIO-1018-62054 10/05/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 410 (eRAI No. 9310) on the NuScale Design Certification Application	ML18278A247	AF-1018-62055
RAIO-1018-62105 10/11/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9576 (eRAI No. 9576) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18284A487	AF-1018-62106
RAIO-1018-62127 10/12/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9158 (eRAI No. 9158) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18285A926	AF-1018-62128
LO-1018-62148 10/15/2018	NuScale Power, LLC Submittal of Presentation Materials Entitled "CNV Peak Containment Pressure Closure Meeting - Part 2 Incoming RAI Discussion," PM-1018-62113-P, Revision 0	ML18295A193	AF-1018-62149
RAIO-1018-62129 10/15/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 410 (eRAI No. 9310) on the NuScale Design Certification Application	ML18288A270	AF-1018-62130
RAIO-1018-62135 10/15/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 232 (eRAI No. 9113) on the NuScale Design Certification Application	ML18288A396	AF-1018-62136
LO-0618-60452 10/24/2018	NuScale Power, LLC Submittal of "NuScale Instrument Setpoint Methodology," TR-0616-49121, Revision 1	ML18297A378	AF-0918-61683
RAIO-1018-62295 10/25/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 377 (eRAI No. 9380) on the NuScale Design Certification Application	ML18298A360	AF-1018-62296
LO-1018-62238 10/25/2018	NuScale Power, LLC Submittal of Technical Report, "Pressure and	ML18298A304	AF-1018-62240

	Temperature Limits Methodology", TR-1015-18177, Revision 2		
RAIO-1018-62315 10/26/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 9466 (eRAI No. 9466) on the NuScale Topical Report, "Non- Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18299A296	AF-1018-62316
RAIO-1018-62333 10/26/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9466 (eRAI No. 9466) on the NuScale Topical Report, "Non-Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18299A322	AF-1018-62334
RAIO-1018-62331 10/26/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 353 (eRAI No. 9304) on the NuScale Design Certification Application	ML18300A002	AF-1018-62332
RAIO-1018-62328 10/29/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 502 (eRAI No. 9546) on the NuScale Design Certification Application	ML18302A295	AF-1018-62329
LO-1018-62277 10/29/2018	NuScale Power, LLC Submittal of NuScale Closure Plan for Final Safety Analysis Report, Tier 2, Sections 3.7 and 3.8 Request for Additional Information (RAIs)	ML18302A409	AF-1018-62347
RAIO-1018-62395 10/31/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 9513 (eRAI No. 9513) on the NuScale Topical Report, "Non- Loss of Coolant Accident Analysis Methodology," TR-0516-49416, Revision 1	ML18304A328	AF-1018-62396
LO-1018-62243 10/31/2018	NuScale Power, LLC Submittal of "Subchannel Analysis Methodology," TR-0915-17564, Revision 2	ML18305B218	AF-1018-62244
RAIO-1018-62392 10/31/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 221 (eRAI No. 9114) on the NuScale Design Certification Application	ML18304A261	AF-1018-62393
RAIO-1018-62389 10/31/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 503 (eRAI No. 9596) on the NuScale Design Certification Application	ML18304A306	AF-1018-62390
RAIO-1018-62422 11/01/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 410 (eRAI No. 9310) on the NuScale Design Certification Application	ML18305B315	AF-1018-62423
RAIO-1118-62960 11/16/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 401 (eRAI No. 9447) on the NuScale Design Certification Application	ML18320A254	AF-1118-62961
RAIO-1118-63585 11/28/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional	ML18332A446	AF-1118-63586

	Information No. 474 (eRAI No. 9507) on the NuScale Design Certification Application		
RAIO-1118-63606 11/29/2018	NuScale Power, LLC Supplemental Response to NRC Request for Additional Information No. 456 (eRAI No. 9478) on the NuScale Design Certification Application	ML18333A322	AF-1118-63607
L0-1118-62438 12/14/2018	NuScale Power, LLC Submittal of the Approved Version of NuScale Topical Report TR-0616-48793, "Nuclear Analysis Codes and Methods Qualification," Revision 1	ML18348B036	AF-1118-62439
RAIO-1218-63909 12/18/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9578 (eRAI No. 9578) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18352B366	AF-1218-63910
RAIO-1218-63911 12/19/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9579 (eRAI No. 9579) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18353B515	AF-1218-63912
RAIO-1218-63946 12/20/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9624 (eRAI No. 9624) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18354B190	AF-1218-63947
RAIO-1218-63997 12/31/2018	NuScale Power, LLC Response to NRC Request for Additional Information No. 9580 (eRAI No. 9580) on the NuScale Topical Report, "Evaluation Methodology for Stability Analysis of the NuScale Power Module," TR-0516-49417, Revision 0	ML18365A282	AF-1218-63998

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) 415-0546 or via e-mail at [Gregory.Cranston@nrc.gov](mailto:Gregory.Cranston@nrc.gov).

Sincerely,

*/RA/*

Gregory Cranston, Senior Project Manager  
Licensing Branch 1  
Division of Licensing, Siting,  
and Environmental Analysis  
Office of New Reactors

Docket No. 52-048

cc: NuScale Power LLC Listserv

SUBJECT: REQUEST FOR WITHHOLDING INFORMATION FROM PUBLIC DISCLOSURE  
FOR NUSCALE POWER, LLC  
DATED: APRIL 22, 2019

DISTRIBUTION:

PUBLIC  
LB1 R/F  
GCranston, NRO  
CSmith, NRO  
Slee, NRO  
RidsAcrsAcnwMailCenter  
RidsOgcMailCenter  
DC NuScale Listserv

ADAMS Accession No.: ML19108A453

\*via email

NRO-002

<b>OFFICE</b>	NRO/DLSE/LB1: PM	NRO/DLSE/LB1: LA	NRO/DLSE/LB1: PM
<b>NAME</b>	GCranston	CSmith*	GCranston (signed)
<b>DATE</b>	04/22/2019	04/18/2019	04/22/2019

**OFFICIAL RECORD COPY**