



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

January 22, 2018

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

SUBJECT: REQUEST FOR SEISMIC DESIGN ISSUES CLOSURE PLAN FOR THE
NUSCALE POWER, LLC

During a public meeting on August 17, 2017, NuScale Power, LLC (NuScale) informed the U.S. Nuclear Regulatory Commission (NRC) that it would need over 60 days to respond to several request for additional information (RAI) questions related to seismic design issues. Some of the RAIs responses are anticipated in late 2018 (Enclosure 1). In order to successfully complete Phase 2 for Sections 3.7.2 "Seismic System Analysis," 3.8.4 "Other Seismic Category I Structures," and 3.8.5 "Foundations," the NRC staff requests that NuScale provide a closure plan for resolving the technical issues raised in these RAI questions. The plan should include the approach NuScale will take to respond to the RAI questions, as well as the actions to be performed for closing and completing each response. Also, the plan should include a schedule for submitting the final responses and identifying where markups of the FSAR will be provided. The NRC staff will review NuScale's closure plan to determine whether its strategy for planned RAI-responses would meet NRC requirements and support the proposed schedule.

If you have any questions, please contact Gregory Cranston at (301) 415-0546 or via e-mail at Gregory.Cranston@nrc.gov.

Respectfully,

/RA/

Frank Akstulewicz, Director
Division of New Reactor Licensing
Office of New Reactors
U.S. Nuclear Regulatory Commission

T. Bergman

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SUBJECT: REQUEST FOR SEISMIC DESIGN ISSUES CLOSURE PLAN FOR THE
NUSCALE POWER, LLC DATED: 1/22/2018

Docket No. 52-048

cc: NuScale listserv

Enclosure:

1. List of RAIs Scheduled to be responded to in 2018

DISTRIBUTION:

PUBLIC

RidsAcrsAcnwMailCenter

SLee, NRO

RidsNroDnrLB1

GCranston, NRO

RidsOgcMailCenter

MMoore, NRO

RidsOpaMailCenter

RCaldwell, NRO

SSamaddar, NRO

ADAMS Accession No.: ML17318A701

*via email

NRO-002

OFFICE	NRO/DNRL/LB1: PM	NRO/DNRL/LB1: LA	NRO/DEI/SEB: BC	NRO/DNRL/LB1: BC
NAME	GCranston	MMoore	SSamaddar	SLee:
DATE	12/18/2017	12/19/2017	12/19/2017	1/16/2018

OFFICE	NRO/DEI: DD	NRO/DNRL: D
NAME	RCaldwell	FAkstulewicz
DATE	1/17/2018	1/22/2018

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U.S. NUCLEAR REGULATORY COMMISSION
REQUEST FOR SEISMIC DESIGN ISSUES CLOSURE PLAN
FOR THE NUSCALE POWER, LLC
LIST OF REQUESTS FOR ADDITIONAL INFORMATION
SCHEDULED TO BE RESPONDED TO IN 2018

	RAI ID	Question #	RAI Accession #	Review Document Section	current response schedule
1	8936	03.07.02-7	ML17217A004	03.07.02 - Seismic System Analysis	01/31/2018
2	8966	03.08.04-3	ML17216A847	03.08.04 - Other Seismic Category I Structures	01/31/2018
3	8967	03.08.04-4	ML17216A848	03.08.04 - Other Seismic Category I Structures	01/31/2018
4	8967	03.08.04-5	ML17216A848	03.08.04 - Other Seismic Category I Structures	01/31/2018
5	8967	03.08.04-6	ML17216A848	03.08.04 - Other Seismic Category I Structures	01/31/2018
6	8967	03.08.04-7	ML17216A848	03.08.04 - Other Seismic Category I Structures	01/31/2018
7	8970	03.08.04-10	ML17217A002	03.08.04 - Other Seismic Category I Structures	01/31/2018
8	8973	03.08.04-15	ML17217A008	03.08.04 - Other Seismic Category I Structures	02/23/2018
9	8973	03.08.04-16	ML17217A008	03.08.04 - Other Seismic Category I Structures	02/23/2018
10	8973	03.08.04-17	ML17217A008	03.08.04 - Other Seismic Category I Structures	02/23/2018
11	8932	03.07.02-4	ML17211A001	03.07.02 - Seismic System Analysis	04/30/2018
12	8971	03.08.04-14	ML17217A003	03.08.04 - Other Seismic Category I Structures	04/30/2018
13	8932	03.07.02-6	ML17211A001	03.07.02 - Seismic System Analysis	05/31/2018
14	8838	03.08.04-1	ML17146B358	03.08.04 - Other Seismic Category I Structures	06/29/2018
15	8935	03.07.02-23	ML17223A124	03.07.02 - Seismic System Analysis	08/30/2018
16	8964	03.08.05-2	ML17224A004	03.08.05 - Foundations	08/30/2018
17	8971	03.08.04-13	ML17217A003	03.08.04 - Other Seismic Category I Structures	08/30/2018
18	8933	03.07.02-16	ML17217A006	03.07.02 - Seismic System Analysis	10/31/2018
19	8932	03.07.02-5	ML17211A001	03.07.02 - Seismic System Analysis	11/29/2018
20	8935	03.07.02-26	ML17223A124	03.07.02 - Seismic System Analysis	11/29/2018
21	8933	03.07.02-17	ML17217A006	03.07.02 - Seismic System Analysis	12/20/2018
22	8935	03.07.02-25	ML17223A124	03.07.02 - Seismic System Analysis	12/20/2018
23	8963	03.08.05-6	ML17230A108	03.08.05 - Foundations	12/20/2018
24	8971	03.08.04-11	ML17217A003	03.08.04 - Other Seismic Category I Structures	12/20/2018
25	8974	03.08.04-20	ML17217A022	03.08.04 - Other Seismic Category I Structures	12/20/2018