

July 29, 2017

MEMORANDUM TO: Samuel S. Lee, Chief
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

FROM: Marieliz Vera, Project Manager /RA/
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF JUNE 12, 2017, CATEGORY 1 PUBLIC
TELECONFERENCE TO DISCUSS NUSCALE POWER, LLC'S
DESIGN CERTIFICATION APPLICATION CHAPTER 3,
SECTIONS 3.7.1, 3.7.2, 3.7.3, 3.8.4, 3.8.5 AND APPENDIX 3B

The U.S. Nuclear Regulatory Commission (NRC) held a Category 1 public teleconference on June 12, 2017, to discuss NuScale Power's, LLC (NuScale) design certification (DC), Section 3.7.1, Section 3.7.2, Section 3.7.3, Section 3.8.4, Section 3.8.5, and Appendix 3B. Participants included personnel from NuScale. There were no members of the public.

The public meeting notice can be found in the Agencywide Documents Access and Management Systems (ADAMS) Accession No. ML17163A062. This meeting notice was also posted on the NRC public website.

The meeting agenda and list of participants are attached as Enclosures 1 and 2. The presentation offered by NuScale can be found in ADAMS Accession No. ML17163A055.

SUMMARY:

The purpose of this teleconference was early applicant engagement on DC, Chapter 3, "Design of Structures, Systems, Components and Equipment", Section 3.7.1, "Seismic Design Parameters", Section 3.7.2, "Seismic System Analysis", Section 3.7.3, "Seismic Subsystem Analysis", Section 3.8.4, "Other Seismic Category I Structures Metallic Materials", Section 3.8.5, "Foundations" and Appendix 3B, "Design Reports and Critical Section Details". The applicant started the meeting with a presentation of their Seismic Methodology Overview, explained the design parameters, the input spectra soil profiles etc. and the seismic analysis. The presentation also covered Other Seismic Category I Structures, Foundations reactor building and control building critical sections. The presentation can be found in ADAMS Accession No. ML17163A055. NRC staff had questions that are going to be sent as requests for additional information (RAIs) to NuScale, those questions were categorized on moderate and complex.

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The complex ones if NuScale believe is going to take longer than 60 days to respond NuScale will develop an action plan summarizing the approach that will be taken to respond to the RAI questions and provide to NRC for review and concurrence of the proposed plan.

No comments from members of the public were received.

Docket No.: 52-048

Enclosures:

1. Agenda
2. Attendees

cc w/encl.: DC NuScale Power, LLC Listserv

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NRC-002

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**SUMMARY OF JUNE 12, 2017, CATEGORY 1 PUBLIC TELECONFERENCE
TO DISCUSS NUSCALE POWER, LLC'S DESIGN CERTIFICATION APPLICATION
CHAPTER 3, SECTIONS 3.7.1, 3.7.2, 3.7.3, 3.8.4, 3.8.5 AND APPENDIX 3B**

June 12, 2017

11:00 a.m. – 4:45 p.m.

AGENDA

Public Meeting	
1:00-1:15 p.m.	Introductions and identification of topics
1:15 – 2:30 p.m.	Design review discussions
2:30 – 2:45 p.m.	Questions from the public
2:15 – 2:25 p.m.	Proprietary Closed Session (if required)
2:25 – 2:30 p.m.	Break
2:30 – 3:00 p.m.	Closed portion

LIST OF ATTENDEES

June 12, 2017

NAME	AFFILIATION
Marieliz Vera	NRC
Sunwoo Park	NRC
Ata Istar	NRC
Robert Roche-Rivera	NRC
George Wang	NRC
Weijun Wang	NRC
Vladimir Graizer	NRC
Sujit Samaddar	NRC
Bhagwat Jain	NRC
Manas Chakravorty	NRC
Vaughn Thomas	NRC
Yuken Wong	NRC
Alissa Neuhausen	NRC
Tuan Le	NRC
John Wu	NRC
Pravin Patel	NRC
Zachary Rad	NuScale
Marty Bryan	NuScale
Josh Parker	NuScale
Tamas Liskai	NuScale
Mohsin Khan	NuScale
Susan Farnsworth	NuScale
Larry Shipley	NuScale
Jennie Wike	NuScale
Robert Gamble	NuScale
Jeremy Aartun	NuScale
Kyra Perkins	NuScale
Wayne Massie	NuScale