

October 2, 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 APRIL 19, 2017, CATEGORY 1 PUBLIC
TELECONFERENCE TO DISCUSS NUSCALE POWER, LLC'S
DESIGN CERTIFICATION APPLICATION REGARDING SEISMIC
ANALYSIS OF THE REACTOR VESSEL FLANGE TOOL AND
SINGLE FAILURE OF AN INADVERTENT ACTUATION BLOCK
VALVE

The U.S. Nuclear Regulatory Commission (NRC) held a Category 1 public teleconference on April 19, 2017, to discuss NuScale Power's, LLC (NuScale) Design Certification (DC), Reactor Vessel Flange (RFT) seismic analysis and single failure of an inadvertent actuation block valve. Participants included personnel from NuScale and a member of the public.

The public meeting notice can be found in the Agencywide Documents Access and Management Systems (ADAMS) under Accession No. ML17096A672. 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.

SUMMARY:

The purpose of this teleconference was early engagement with the applicant on the DC, to understand whether the input motion analysis for the fuel structural analysis provided in Technical Report TR-0816-51127, "NuFuel-HTP2™ Fuel and Control Rod Assembly Designs" (ADAMS Accession No. ML 17007A001), covers fuel in a power module located in the RFT. Also, the NRC staff asked the applicant's reasoning for not taking the single failure of an inadvertent actuation block valve during several events in the accident analyses.

CONTACT: Marieliz Vera, NRO/DNRL
301-415-5861

NuScale asked for requests for additional information to be submitted on each topic so a more detail response can be given.

No comments from members of the public were received.

Docket No. 52-048

Enclosures:

1. Meeting Agenda
2. List of Attendees

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

SUBJECT: SUMMARY OF APRIL 19, 2017, CATEGORY 1 PUBLIC TELECONFERENCE TO
DISCUSS NUSCALE'S DESIGN CERTIFICATION APPLICATION REGARDING
SIESMIC ANALYSIS OF THE REACTOR VESSEL FLANGE TOOL AND SINGLE
FAILURE OF AN INADVERTENT ACTUATION BLOCK VALVE DATED

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*via email

NRO-002

OFFICE	NRO/DNRL/LB1:PM	NRO/DNRL/LB1:LA	NRO/DNRL/LB1:LPM
NAME	MVera	MBrown (SGreen for)	GCranston
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CATEGORY 1 PUBLIC TELECONFERENCE TO DISCUSS
NUSCALE’S DESIGN CERTIFICATION APPLICATION REGARDING SEISMIC ANALYSIS
OF THE REACTOR VESSEL FLANGE TOOL AND SINGLE FAILURE OF AN INADVERTENT
ACTUATION BLOCK VALVE

APRIL 19, 2017

1:00 P.M. – 3:00 P.M.

AGENDA

PUBLIC MEETING	
1:00 p.m.	Welcome and Introductions
1:05 – 1:30 p.m.	NRC / NuScale to discuss Seismic/RFT
1:30 – 2:00 p.m.	NRC / NuScale to discuss Single Failure of IAB
2:00 – 2:15 p.m.	NuScale / Public - Questions and Comments
2:15 – 2:45 p.m.	Proprietary Closed Session (if required)
2:45 – 2:55 p.m.	Action Items / Feedback
2:55 p.m.	Adjourn Meeting

LIST OF ATTENDEES

APRIL 19, 2017

NAME	AFFILIATION
Marieliz Vera	NRC
Boyce Travis	NRC
Thomas Scarbrough	NRC
Mark Caruso	NRC
Pravin Patel	NRC
John Ma	NRC
Cheng-Ih Wu	NRC
Christopher Van Wert	NRC
Matt Thomas	NRC
Jeffrey Schmidt	NRC
Rebecca Karas	NRC
Timothy Lupold	NRC
Jason Huang	NRC
Yuken Wong	NRC
Manas Chakravorty	NRC
Ata Istar	NRC
Darrell Gardner	NuScale
Paul Infanger	NuScale
Russell Goff	NuScale
Kathy Ashley	NuScale
Bill Galyean	NuScale
Marty Bryan	NuScale
Steve Pope	NuScale
Steve Mirsky	NuScale
Steve Unikewicz	NuScale
Meghan McCloskey	NuScale
Colin Sexton	NuScale
Robert Gamble	NuScale
Tamas Liskai	NuScale
Jim Tomkins	NuScale
Larry Losh	NuScale
Larry Linik	NuScale
Zack Houghton	NuScale
Steve Shaw	NuScale
Gary Becker	NuScale
Wayne Massie	NuScale
Nathan Wahlgren	NuScale
Hugh O'Brien	Target Rock
Robert Lawery	Target Rock
William Velkoff	Target Rock