

August 10, 2016

MEMORANDUM TO: Mark Tonacci, Chief
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

FROM: Gregory Cranston, Senior Project Manager */RA/*
Licensing Branch 1
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF MAY 24, 2016, PUBLIC MEETING WITH NUSCALE
POWER, LLC TO DISCUSS NUSCALE FEEDBACK ON THE
STRUCTURES, SYSTEMS, AND COMPONENTS PROBABILISTIC
RISK ASSESSMENT CATEGORIZATION AUDIT (PROJ0769)

On May 24, 2016, a Category 1 open public meeting was held at NRC Headquarters, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland, 20852, between representatives of the U.S. Nuclear Regulatory Commission (NRC) staff and NuScale, for the NRC staff to provide feedback to NuScale on the results of the NuScale Structures, Systems and Components Probabilistic Risk Assessment (PRA) Categorization Audit that was conducted on May 11 – 12, 2016, at NuScale office, 11333 Woodglan Dr., Suite 205, Rockville, Maryland, 20852. The audit plan can be accessed via the Agencywide Document Access and Management System (ADAMS) Accession No. ML16126A176.

The NRC staff's objective in conducting this audit was to obtain risk insights regarding the NuScale design from a PRA perspective to be able to provide appropriate guidance for NRC reviewers to plan an enhanced safety-focused review of the NuScale application for design certification.

In their feedback, the NRC staff stated that they observed during the audit that: there was a strong relationship between PRA and design; the NuScale PRA staff was very knowledgeable on design features and current status of design; PRA technical adequacy was being addressed; and that system models were well documented, easy to follow, and assumptions clear. Additional information on the audit can be found in the associated audit summary report accessible via ADAMS Accession No. ML16221A123.

At the end of the meeting the NRC staff provided a brief description as to how the NRC staff can use PRA information in conjunction with the enhanced safety focused review process planned to be used by NRC staff during the review of the NuScale Design Certification Document.

CONTACT: Gregory Cranston, NRO/DNRL
(301) 415-0546

M. Tonacci

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There were no comments from members of the public. The agenda and list of meeting attendees are included in Enclosures 1 and 2. The meeting notice is available in ADAMS with Accession No. ML16134A577. There were no presentation slides. Please direct any inquiries to Gregory Cranston at (301) 415 0546, or email at Gregory.Cranston@nrc.gov.

ADAMS is the system that provides text and image files of NRC public documents and can be accessed at the NRC Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>. If you do not have access to ADAMS or have problems accessing the documents located in ADAMS, contact the NRC Public Document Room staff at (800) 397-4209, (301) 415-4737, or pdr@nrc.gov.

Project No.: PROJ0769

Enclosures:

1. Meeting Agenda
2. Meeting Attendees

cc: DC NuScale Listserv

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cc: DC NuScale Listserv

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ADAMS Accession No. ML16222A360 *via email NRC001

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NAME	PChowdhury*	MBrown*	GCranston
DATE	08/09/2016	08/09/2016	08/10/2016

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MEETING AGENDA

May 24, 2016

NuScale Structures, Systems and Components Probabilistic Risk Assessment Categorization Audit Feedback

TIME	TOPIC	LEAD
11:00 a.m. – 11:05 a.m.	Introductions	All
11:05 a.m. – 11:50 a.m.	NRC staff feedback on PRA audit	NRC/NuScale
11:50 a.m. – 12:00 p.m.	Questions and comments	All

MEETING ATTENDEES

NAME	AFFILIATION
Greg Cranston	NRC
Lauren Ning	NRC
Lynn Mrowca	NRC
Mark Caruso	NRC
Tony Nakanishi	NRC
Mike Snodderly	NRC/ACRS
Steve Pope	NuScale
Bill Galyean	NuScale (Corvallis)
Sarah Bristol	NuScale (Corvallis)
Etienne Mullin	NuScale (Corvallis)
Cindy Williams	NuScale (Corvallis)
Marvin Lewis	Member of the public
Paul Coleman	Fire Protection Consultant
Sarah Fields	Uranium Watch