

September 1, 2016

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

FROM: Rocky D. Foster, Project Manager */RA/*  
Licensing Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: SUMMARY OF AUGUST 24, 2016, CLOSED MEETING WITH  
NUSCALE POWER, LLC TO DISCUSS THE EMERGENCY  
PLANNING ZONE SIZING METHODOLOGY TOPICAL REPORT

On August 24, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff and representatives from NuScale Power, LLC (NuScale) held a closed meeting at the NuScale Rockville office located at 11333 Woodglen Drive, Suite 205, Rockville, Maryland.

The purpose of this meeting was to discuss the specific content and purpose of the Emergency Planning Zone Sizing Methodology Licensing Topical Report (TR) and discuss technical details that would help inform the NRC technical staff and to support a timely and efficient review.

NuScale began the meeting with an overview of the request for the Emergency Planning Zone Sizing Methodology TR versus the design certification application review. The discussion focused on the screening process and determination credibility of event classification/accident selection with clarification on the TR appendices examples on security events, seismic probability risk assessment, multi-module assessment and shutdown probability risk assessment. Other related emergency planning zone sizing methodology TR issues were discussed. The meeting was summarized with the project manager asking the NRC staff participants if they had any additional questions or concerns. No additional items were identified by the NRC staff and with no further discussion, the meeting was adjourned.

CONTACT: Rocky D. Foster, NRO/DNRL  
(301) 415-5787

M. Tonacci

-2-

The meeting agenda and meeting attendees are included in Enclosures 1 and 2. The meeting notice is available in the NRC's Agencywide Documents Access and Management System (ADAMS) with Accession No. ML16222A429. Please direct any inquiries to Rocky Foster at (301) 415-5787, or email at rocky.foster@nrc.gov.

The ADAMS system provides text and image files of NRC public documents and can be accessed through 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: NuScale Power LLC Listserv

M. Tonacci

-2-

The meeting agenda and meeting attendees are included in Enclosures 1 and 2. The meeting notice is available in the NRC's Agencywide Documents Access and Management System (ADAMS) with Accession No. ML16222A429. Please direct any inquiries to Rocky Foster at (301) 415-5787, or email at rocky.foster@nrc.gov.

The ADAMS system provides text and image files of NRC public documents and can be accessed through 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:

- 3. Meeting Agenda
- 4. Meeting Attendees

cc: NuScale Power LLC Listserv

**DISTRIBUTION:**

PUBLIC

MTonacci, NRO

RFoster, NRO

GCranston, NRO

RidsOgcMailCenter

RidsAcrcAcnwMailCenter

**ADAMS ACCESSION No.: ML16242A147**

**\*via email**

**NRC002**

<b>OFFICE</b>	NRO/DNRL/LB1:PM	NRO/DNRL/LB1:LA	NRO/DNRL/LB1:LPM
<b>NAME</b>	RFoster*	MBrown*	GCranston*
<b>DATE</b>	8/29/2016	8/31/2016	8/31/2016

**OFFICIAL RECORD COPY**

# EMERGENCY PLANNING ZONE SIZING METHODOLOGY TOPICAL REPORT

## MEETING AGENDA

WEDNESDAY, AUGUST 24, 2016

<b>TIME</b>	<b>TOPIC</b>
1:00 p.m. - 1:10 p.m.	Meeting Introductions
1:10 p.m. – 1:25 p.m.	Overview of the Request for the Emergency Planning Zone Sizing Methodology Topical Report vs. the Design Certification Application Review
1:25 p.m. – 1:45 p.m.	Event Classification / Accident Selection – Screening Process and Determination Credibility
1:45 p.m. – 2:00 p.m.	Security Events
2:00 p.m. – 2:15 p.m.	Seismic Probability Risk Assessment
2:15 p.m. – 2:30 p.m.	Multi-Module Assessment
2:30 p.m. – 2:45 p.m.	Shutdown Probability Risk Assessment
2:45 p.m. – 2:55 p.m.	Other Related Emergency Planning Zone Sizing Methodology Topical Report Issues
2:55 p.m. - 3:00 p.m.	Meeting Summary

## MEETING ATTENDEES

<b>NAME</b>	<b>AFFILIATION</b>
Pete Lee	NRC
Kenneth Thomas	NRC
Michelle Hart	NRC
Keith Compton	NRC
Mark Caruso	NRC
Arlon Costa	NRC
Jason Schaperow	NRC
Steven Mirsky	NuScale
Archie Manoharan	NuScale
Kent Welter	NuScale (Corvallis)
Akira Tokuhira	NuScale (Corvallis)
Scott Weber	NuScale (Corvallis)
Jeremiah Doyle	NuScale (Corvallis)
Kevin Deyette	NuScale (Corvallis)
Sarah Bristol	NuScale (Corvallis)
Maurice Ades	NuScale (Corvallis)
Luke McSweeney	NuScale