

October 19, 2015

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 SEPTEMBER 22, 2015, OPEN PUBLIC  
TELECONFERENCE MEETING WITH NUSCALE POWER, LLC TO  
DISCUSS TOPICS RELATED TO HUMAN FACTORS ENGINEERING

On September 22, 2015, a Category 1 open public teleconference meeting was held at U.S. Nuclear Regulatory Commission (NRC) headquarters Rockville, MD office between representatives of the NRC staff and NuScale Power, LLC, to discuss topics related to NuScale's small modular reactor (SMR) human factors engineering. In particular, the discussion focused on documentation recently submitted by NuScale to the NRC staff for review and comment.

The meeting began with an update on the status of response to the NuScale's letters entitled, "Proposed Scope of Human Factors Engineering Information in Design Certification Application," June 30, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15181A475) and, "Key Issue Resolution Prior to Design Certification Application," July 22, 2015 (ADAMS Accession No. ML15203B306). The NRC staff informed NuScale that responses were in discussion and development; was predecisional information and, therefore, could not be discussed at this time. The NRC staff informed NuScale that the human factors engineering implementation plans submitted under letters "Human Factors Engineering Implementation Plans," May 6, 2015 (ADAMS Accession No. ML15139A223) and, "Second Set of Human Factors Engineering Implementation Plans," August 6, 2015 (ADAMS Accession No. ML15223A099) were currently in review and forthcoming comment clarification and resolution discussions would be conducted under the forum of the monthly human factors engineering teleconference meetings.

NuScale stated that multiple documents had been previously submitted and discussions held concerning control room design and reactor operator staffing human factors engineering concepts in the past. The NRC staff stated that the documents had been reviewed and comments provided to NuScale for consideration for the design certification application submittal. The meeting at that time was open to the public for comment and question of which the public did not have any comment. The meeting ended with an overall summary of the discussion and the date of October 6, 2015, at 1:00 pm EST for the next teleconference meeting.

CONTACT: Rocky D. Foster, NRO/DNRL/LB1, (301) 415-5787

M Tonacci

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The agenda and list of meeting attendees are included in Enclosures 1 and 2. The meeting notice is available in ADAMS with Accession No. ML15246A217. Please direct any inquiries to Rocky D. Foster at (301) 415-5787, or email at [rocky.foster@nrc.gov](mailto:rocky.foster@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](mailto:pdr@nrc.gov).

Project No.: PROJ0769

Enclosures:

1. Meeting Agenda
2. Meeting Attendees

Cc: NuScale Power LLC Listserv

M Tonacci

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**ADAMS ACCESSION No.: ML15280A396**

**\*via email**

**NRC002**

<b>OFFICE</b>	NRO/DNRL/LB1:PM	NRO/DNRL/LB1:LA	NRO/DNRL/LB1:LPM
<b>NAME</b>	RFoster*	JMcLellan*	GCranston*
<b>DATE</b>	10/08/2015	10/14/2015	10/19/2015

**OFFICIAL RECORD COPY**

## MEETING AGENDA

SEPTEMBER 22, 2015

### TOPICS RELATED TO HUMAN FACTORS ENGINEERING

TIME	TOPIC	LEAD
1:00 p.m. - 1:10 p.m.	NRC response to the June 30, 2015 letter (includes a discussion of expectations of HFE DAC)	NRC
1:10 p.m. - 1:30 p.m.	Status of staff's Implementation Plans review and associated questions from staff	NRC
1:30 p.m. - 1:50 p.m.	Discussion of Concept of Operations in the context of 10 NRC questions (M. Tonacci email dated June 3, 2015 Related to control room activities	NuScale
1:50 p.m. - 1:55 p.m.	NRC HFE staff visit to Corvallis, OR in January 2016 – planning details	NRC/NuScale
1:55 p.m. - 2:00 p.m.	Public comments / questions	All

## MEETING ATTENDEES

NAME	AFFILIATION
Paul Pieringer	NRC
Jaquuin Walker	NRC
Gregory Cranston	NRC
Rocky Foster	NRC
Steve Mirsky	NuScale
Steve Pope	NuScale
Steve Unikewicz	NuScale
Tim Tovar	NuScale (Corvallis)
Shaw Jerrow	NuScale (Corvallis)
Paul Kumar	NuScale (Corvallis)
Daniel Chalk	DOE
Jana Bergman	Curtiss-Wright
Melvin Lewis	Public