

February 28, 2013

COMPANY: NuScale Power Inc.

DESIGN: NuScale Power Reactor

SUBJECT: SUMMARY OF DECEMBER 13, 2010, PUBLIC MEETING WITH THE U.S. NUCLEAR REGULATORY COMMISSION STAFF AND NUSCALE POWER, LLC, TO PROVIDE AN OVERVIEW OF THE NUSCALE POWER CODES AND METHODS (TAC NO. RN6110)

On December 13, 2010, a Public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives from NuScale Power, LLC (NuScale) at The Legacy Hotel, Rose Hill Ballroom, 1775 Rockville Pike, Salon I & II, Rockville, MD. The purpose of this meeting was for NuScale personnel to provide an overview of the NuScale codes and methods. All presentations would be made by NuScale safety analysis staff and cover safety analysis and Loss-of-Coolant Accident (LOCA).

The NuScale presentation provided overviews on: the general design, a summary of the safety analysis and LOCA Phenomena Identification and Ranking Table. The meeting then discussed key code requirements, current available codes and finally, an overview of the GOTHIC code.

Members of the public were in attendance. Public Meeting Feedback forms were not received. The meeting agenda and meeting attendees are included in Enclosures 1 and 2. The Agencywide Documents Access and Management System (ADAMS) accession number for the NuScale meeting notice is ML103130364. The ADAMS accession number for the NuScale slide presentations are ML103470495, ML103470506, ML103470507, ML103470512, ML103470517 and ML103470528. ADAMS is the system that provides text and image files of NRC's public documents. Documents are available electronically at the NRC's 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 1-800-397-4209, 301-415-4737, or [pdr@nrc.gov](mailto:pdr@nrc.gov).

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Please direct any inquiries to Gregory Cranston at 301-415-0546, or email [Gregory.Cranston@nrc.gov](mailto:Gregory.Cranston@nrc.gov).

Sincerely,

***/RA/***

Gregory V. Cranston, Project Manager  
Small Modular Reactor Licensing Branch 2  
Division of Advanced Reactors & Rulemaking  
Office of New Reactors

Project No.: PROJ0769

Enclosure:

1. Agenda
2. List of Attendees

cc w/encl: DC NuScale Power LLC Mailing List

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**ADAMS ACCESSION NO.: ML13059A340**

**NRC-001**

<b>OFFICE</b>	PM:NRO/DARR/SMRLB2	PM:NRO/DARR/SMRLB2
<b>NAME</b>	SShaikh	GCranston
<b>DATE</b>	2/28/13	2/28/13

**OFFICIAL RECORD COPY**

## **AGENDA**

### **NuScale Public Meeting Codes & Methods**

**The Legacy Hotel  
Rose Hill Ballroom  
1775 Rockville Pike, Salon I & II  
Rockville, MD 20852**

**December 13, 2010**

<u><b>TIME</b></u>	<u><b>TOPIC</b></u>	<u><b>Affiliation</b></u>
08:30 a.m. - 09:00 a.m.	Welcome and Introductions	NRC
09:00 a.m. – 10:00 a.m.	Technology Overview	NuScale/Kent Welter
10:00 a.m. – 10:30 a.m.	Safety Analysis Overview	NuScale/Kent Welter
10:30 a.m. – 10:45 a.m.	BREAK	
10:45 a.m. – 11:30 a.m.	LOCA PIRT Results	NuScale/Wendell Wagner
11:30 a.m. – 12:00 p.m.	Developmental Assessment Base	NuScale/ Don Todd
12:00 p.m. – 1:00 p.m.	LUNCH	
1:00 p.m. – 2:00 p.m.	GOTHIC Introduction	NuScale/Tom George
2:00 p.m. – 3:00 p.m.	Preliminary Validation Results	NuScale/Don Todd
3:00 p.m. – 3:30 p.m.	Wrap-up	NRC
3:30 p.m.	Adjourn	

Members of the public planning to attend the meeting should contact Mr. Greg Cranston at (301)-415-0546 or email at [Gregory.Cranston@nrc.gov](mailto:Gregory.Cranston@nrc.gov) or contact Ms. Samina Shaikh at (301)-415-6763 or email at [Samina.Shaikh@nrc.gov](mailto:Samina.Shaikh@nrc.gov) and provide information (including name, organization, country of origin, and expected arrival time) to facilitate entrance into the building on the day of the meeting.

Enclosure 1

## **ATTENDANCE LIST**

### **NuScale Public Meeting Codes & Methods**

**The Legacy Hotel  
Rose Hill Ballroom  
1775 Rockville Pike, Salon I & II  
Rockville, MD 20852**

**December 13, 2010**

NAME	AFFILIATION		NAME	AFFILIATION
GCranston	NRC/NRO/DARR		EWallace	NuScale
SPeters	NRC/RES		KWelter	NuScale
TLupold	NRC/RES		DTodd	NuScale
RLee	NRC/RES		SMirsky	NuScale
TZaki	NRC/RES		WWagner	NuScale
AD'agostino	NRC/RES		TGeorge	NuScale
RHogan	NRC/RES		NCarstens	NuScale
MJones	NRC/NRO/DARR			
SShaikh	NRC/NRO/DARR			
JSchmidt	NRC/NRO			
MScott	NRC/NRO			

DC NuScale Power, LLC

(Revised 02/12/2013)

cc:

Mr. Lionel Batty  
Nuclear Business Team  
Graftech  
12300 Snow Road  
Parma, OH 44130

Russell Bell  
Nuclear Energy Institute  
1776 I Street, NW  
Suite 400  
Washington, DC 20006-3708

Mr. Eugene S. Grecheck  
Vice President  
Nuclear Support Services  
Dominion Energy, Inc.  
5000 Dominion Blvd.  
Glen Allen, VA 23060

Mr. Brendan Hoffman  
Research Associate on Nuclear Energy  
Public Citizens Critical Mass Energy and  
Environmental Program  
215 Pennsylvania Avenue, SE  
Washington, DC 20003

Mr. Dobie McArthur  
Director, Washington Operations  
General Atomics  
1899 Pennsylvania Avenue, NW  
Suite 300  
Washington, DC 20006

Mr. David Repka  
Winston & Strawn LLP  
1700 K. Street, NW  
Washington, DC 20006-3817

Carlos Sisco  
Senior Paralegal  
Winston & Strawn LLP  
1700 K Street NW  
Washington, DC 20006

Ross Snuggerud  
NuScale, SRO  
1100 NE Circle Blvd., Suite 350  
Corvallis, OR 97330

Mr. Robert E. Sweeney  
IBEX ESI  
4641 Montgomery Avenue  
Suite 350  
Bethesda, MD 20814

Kent Welter  
NuScale Safety  
P.O. Box 2710  
Corvallis, OR 97339-2710

## DC NuScale Power, LLC

### Email

Alan.Levin@areva.com (Alan Levin)  
APH@NEI.org (Adrian Heymer)  
awc@nei.org (Anne Cottingham)  
badwan@lanl.gov (Faris Badwan)  
bellesrj@ornl.gov (Randall Belles)  
bevardbb@ornl.gov (Bruce Bevard)  
bruce.mcdowell@pnnl.gov (Bruce McDowell)  
cee@nei.org  
charles.bagnal@ge.com (Charles Bagnal)  
collinlj@westinghouse.com (Leslie Collins)  
curtisslaw@gmail.com (Jim Curtiss)  
david.hinds@ge.com (David Hinds)  
david.lewis@pillsburylaw.com (David Lewis)  
dbotha@nuscalepower.com  
dchapin@mpr.com (Douglas Chapin)  
dlfulton@southernco.com (Dale Fulton)  
dneve@nuscalepower.com (D. Neve)  
don.tormey@iub.iowa.gov  
duane.fournier@iub.iowa.gov  
ed.burns@earthlink.net (Ed Burns)  
elyman@ucsusa.org (Ed Lyman)  
erg-xl@cox.net (Eddie R. Grant)  
ewallace@nuscalepower.com (Ed Wallace)  
exa@nei.org (Ellen Anderson)  
flanagangf@ornl.gov (George Flanagan)  
gcesare@enercon.com (Guy Cesare)  
ggeaney@mpr.com (George Geaney)  
jahalfinger@babcock.com (Jeff Halfinger)  
james1.beard@ge.com (James Beard)  
jcsaldar@bechtel.com (James Saldarini)  
jerald.head@ge.com (Jerald G. Head)  
Jim.Kinsey@inl.gov (James Kinsey)  
jim.sundermeyer@iub.iowa.gov  
JNR@NuScalePower.com (Jose N. Reyes)  
kerri.johannsen@iub.iowa.gov  
klingscl@westinghouse.com (Charles Kling)  
kouhestani@msn.com (Amir Kouhestani)  
krrowe@tva.gov (Kevin R. Rowe)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
larry.shi@oca.iowa.gov (Larry Shi)  
larry.stevens@iub.iowa.gov  
lchandler@morganlewis.com (Lawrence J. Chandler)  
libby.jacobs@iub.iowa.gov  
lizmike@cableone.net (Mike Derivan)

## DC NuScale Power, LLC

luther.jones@dzatlantic.com (Luther B. Jones)  
mack.thompson@iub.iowa.gov  
maria.webb@pillsburylaw.com (Maria Webb)  
mark.a.giles@dom.com (Mark Giles)  
mark.beaumont@wsms.com (Mark Beaumont)  
mark.holbrook@inl.gov (Mark Holbrook)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
murawski@newsobserver.com (John Murawski)  
parveen.baig@iub.iowa.gov  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
Paul@beyondnuclear.org (Paul Gunter)  
pbessette@morganlewis.com (Paul Bessette)  
pcarlone@mpr.com (Pete Carlone)  
plarimore@talisman-intl.com (Patty Larimore)  
PLorenzini@NuScalePower.com (Paul Lorenzini)  
poorewpiil@ornl.gov (Willis P. Poore III)  
pshastings@generationmpower.com (Peter Hastings)  
rbarrett@astminc.com (Richard Barrett)  
ronald.polle@oca.iowa.gov  
rvijayku@bechtel.com (Rajgopal Vijaykumar)  
Sandra@sandrakgoss.com (Sandra Goss)  
sfrantz@morganlewis.com (Stephen P. Frantz)  
shobbs@enercon.com (Sam Hobbs)  
smsloan@babcock.com (Sandra Sloan)  
spellmandj@ornl.gov (Donald J. Spellman)  
stan.wolf@iub.iowa.gov  
stephan.moen@ge.com (Stephan Moen)  
steven.m.mirsky@saic.com (Steve Mirsky)  
Tansel.Selekler@nuclear.energy.gov (Tansel Selekler)  
timothy.beville@nuclear.energy.gov (Timothy Beville)  
tom.miller@hq.doe.gov (Tom Miller)  
tom.miller@nuclear.energy.gov (Thomas P. Miller)  
trsmith@winston.com (Tyson Smith)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
W.E.SMIT@southernco.com (William Smith)  
whorin@winston.com (W. Horin)