

August 9, 2013

MEMORANDUM TO: Anna H. Bradford, Branch Chief  
Small Modular Reactor Licensing Branch 2  
Division of Advanced Reactors & Rulemaking  
Office of New Reactors

FROM: Gregory V. Cranston, Senior Project Manager */RA/*  
Small Modular Reactor Licensing Branch 2  
Division of Advanced Reactors & Rulemaking  
Office of New Reactors

SUBJECT: FORTHCOMING CLOSED MEETING WITH NUSCALE POWER,  
LLC, TO DISCUSS AUXILIARY SYSTEMS AND CHAPTER 9  
DESIGN SPECIFIC REVIEW STANDARD (DSRS) FOR THE  
NUSCALE DESIGN.

DATE & TIME: Thursday, August 22, 2013  
8:30 a.m. - 4:00 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
Three White Flint North  
11601 Landsdown Street, Room [03-A28]  
Rockville, MD 20852

PURPOSE: The purpose of this closed meeting is for NuScale personnel to discuss topics related to NuScale's Auxiliary systems, specifically, their Spent Fuel Pool; Ultimate Heat Sink; Containment Evacuation System Design; Chemical Volume Control Design and other systems related to Chapter 9. This discussion is geared towards the staff's preparation for the DSRS development. The NRC has determined, in accordance with 10 CFR 2.390 that the information discussed during the meeting is proprietary in nature and therefore should be closed to the public.

MEETING CONTACT: Gregory Cranston, NRO/DARR  
301-415-0546  
Gregory.Cranston@nrc.gov

A. Bradford

-2-

PARTICIPANTS: Participants from the U.S. Nuclear Regulatory Commission (NRC) include members of the Office of New Reactors (NRO), and NuScale Power staff.

NRC

G. Cranston, NRO  
NRO Technical Staff  
M. Jones, NRO  
S. Shaikh, NRO

NuScale

Steve Mirsky, NuScale  
Ed Wallace, NuScale  
Doug Neve, NuScale  
Barry Reichelderfer, NuScale

Project No.: 0769

Enclosure:  
Agenda

cc: DC NuScale Power Inc. Mailing List

A. Bradford

-2-

PARTICIPANTS: Participants from the U.S. Nuclear Regulatory Commission (NRC) include members of the Office of New Reactors (NRO), and NuScale Power staff.

NRC

G. Cranston, NRO  
NRO Technical Staff  
M. Jones, NRO  
S. Shaikh, NRO

NuScale

Steve Mirsky, NuScale  
Ed Wallace, NuScale  
Doug Neve, NuScale  
Barry Reichelderfer, NuScale

Project No.: 0769

Enclosure:  
Agenda

cc: DC NuScale Power Inc. Mailing List

DISTRIBUTION:

JStarefos, NRO	MMayfield, NRO	SCoffin, NRO
NRO_Branch_Chiefs	RidsNsirDprDdepResource	RidsNroDarrSmrlb2Resource
RidsAcrsAcnw_MailCenter	RidsNroOdResource	RidsNroDsraResource
RidsNroDnrlResource	RidsOgcMailCenter Resource	RidsOpaMailResource
RidsNroDserResource	RidsNroDeResource	RidsNroDnrlNrgaResource
RidsNroDnrlResource	RidsNroDcipResource	RidsResOdResource
OWFN Receptionist	TWFN Receptionist	

**ADAMS ACCESSION No.: ML13219B151**

**NRC-001**

OFFICE	PM:NRO/DARR/SMRLB2	PM:NRO/DARR/SMRLB2	BC:NRO/DARR/SMRLB2
NAME	SShaikh	GCranston <i>MJones for</i>	ABradford <i>MMayfield for</i>
DATE	08/07/13	08/07/13	08/09/13

**OFFICIAL RECORD COPY**

**TENTATIVE AGENDA**

**NuScale Power, LLC, Closed Meeting with the U.S. Nuclear Regulatory Commission  
(NRC)**

**Three White Flint 03-A28**

**Auxiliary Systems & Chapter 9 DSRS Development**

**Thursday, August 22, 2013**

Time	Topic	Lead
8:30am – 8:50am	Introductions and Meeting Objectives	NRC / NuScale
8:50am – 9:45am	Spent Fuel Pool	Barry Reichelderfer, NuScale
9:45am – 10:30am	Ultimate Heat Sink	Barry Reichelderfer, NuScale
10:30am – 10:45am	Break	NRC
10:45am – 12:00pm	Containment Evacuation	Barry Reichelderfer, NuScale
12:00pm – 1:00pm	Break	NRC
1:00pm – 2:00pm	CVCS System Design	Barry Reichelderfer, NuScale
2:00pm – 4:00pm	Chapter 9 wrap-up/ Questions	Barry Reichelderfer, NuScale
4:00pm	Adjourn	NRC

Enclosure

DC NuScale Power, LLC

(Revised 07/25/2013)

cc:

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

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

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

Edward G. Wallace  
Vice President Regulatory Affairs  
NuScale Power LLC  
1100 NE Circle Blvd, Suite 200  
Corvallis, OR 97330

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

Page 1 of 3

Enclosure

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)  
d.weaver@holtec.com (Doug Weaver)  
david.hinds@ge.com (David Hinds)  
david.lewis@pillsburylaw.com (David Lewis)  
dbotha@nuscalepower.com  
dchapin@mpr.com (Douglas Chapin)  
dfulton@southernco.com (Dale Fulton)  
dneve@nuscalepower.com (D. Neve)  
don.tormey@iub.iowa.gov  
dstatile@nuscalepower.com (Don Statile)  
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)  
gbecker@nuscalepower.com (Gary Becker)  
gcesare@enercon.com (Guy Cesare)  
ggeaney@mpr.com (George Geaney)  
jahalfinger@babcock.com (Jeff Halfinger)  
jahowes@redlandenergy.com (John Howes)  
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  
jrappe@nuscalepower.com (Jodi Rappe)  
jreyes@nuscalepower.com (Jose 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)

Page 2 of 3

Enclosure

DC NuScale Power, LLC

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)  
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.holbrook@inl.gov (Mark Holbrook)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
mbrasel@nuscalepower.com (Mike Brasel)  
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)  
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)  
smirsky@nuscalepower.com (Steve Mirsky)  
smsloan@babcock.com (Sandra Sloan)  
spellmandj@ornl.gov (Donald J. Spellman)  
stan.wolf@iub.iowa.gov  
stephan.moen@ge.com (Stephan Moen)  
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)