

January 29, 2014

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 NUSCALE'S UPDATED REACTOR AND
FUEL DESIGN.

DATE & TIME: Tuesday, February 4, 2014
8:30 a.m. - 2:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
Three White Flint
11601 Landsdown Street, Room [13-A28]
Rockville, MD 20852

PURPOSE: The purpose of this closed meeting is for NuScale personnel to discuss topics related to NuScale's updated fuel design, control rod drive system and thermal hydraulic design. This discussion is geared to providing feedback to NuScale on their presentation and asking technical questions to enhance understanding and development of the associated design attributes for preparation of the Design Specific Review Standards. The United States Nuclear Regulatory Commission (NRC) has determined, in accordance with 10 *Code of Federal Regulations* 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

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PARTICIPANTS: Participants from the 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
Mike Brasel, NuScale
Kent Welter, NuScale

Project No.: 0769

Enclosure:
Agenda

cc: DC NuScale Power Inc. Listserv

A. Bradford

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ADAMS ACCESSION No.:ML14029A161 *via-Email

NRC-001

OFFICE	PM:NRO/DARR/SMRLB2	PM:NRO/DARR/SMRLB2	BC:NRO/DARR/SMRLB2
NAME	SShaikh	GCranston	ABradford
DATE	01/29/2014	01/29/2014	01/29/2014

OFFICIAL RECORD COPY

TENTATIVE AGENDA

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

Three White Flint 13-A28

Reactor and Fuel Design Update

Tuesday, February 4, 2014

Time	Topic	Lead
8:30am – 8:45am	Introduction, Agenda, Plant Overview	NRC / NuScale
8:45am – 9:00am	Fuel solution strategy	NuScale
9:00am – 10:00am	Core and Fuel Design Status Update: Introduction, KNF Fuel Development History	NuScale
10:15am – 10:30am	Break	NRC
10:15am - 11:00am	Fuel Design Status: Design Characteristics, Evaluation, and Verification Plan	KNF
11:00am – 12:00pm	ROPER Code V&V	KNF
12:00pm – 1:00pm	Lunch	NRC
1:00pm – 1:30pm	Fuel Design Limits and Nuclear Analysis Code Qualification	NuScale
1:30pm – 2:00pm	Thermal Hydraulic Design	NuScale
2:00pm – 2:15pm	Control Rod Drive System	NuScale
2:15pm – 2:30pm	Summary, Next Steps, Summary	NuScale
2:30pm	Adjourn	NRC

ENCLOSURE