

March 5, 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: SUMMARY OF FEBRUARY 6, 2014, CLOSED MEETING WITH
THE U.S. NUCLEAR REGULATORY COMMISSION STAFF AND
NUSCALE POWER, LLC, TO DISCUSS NUSCALE'S
CONTAINMENT ISOLATION VALVE DESIGN APPROACH.
(TAC No. RN6110)

On February 6, 2014, a closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives from NuScale Power, LLC (NuScale) at the NRC Offices at Three White Flint North, 11601 Landsdown Street, North Bethesda, MD 20852, Room 13-A28.

The purpose of this closed meeting was to discuss NuScale's design approach to containment isolation, to provide feedback on information needed to review NuScale's containment isolation design and regulatory approach, and to discuss NuScale Design Specific Review Standards (DSRS) development. This discussion was 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 NRC DSRS.

The meeting agenda and meeting attendees are included in Enclosures 1 and 2.

The accession number for the meeting notice is: ML14029A129 and is located in the NRC Agencywide Documents Access and Management System (ADAMS). ADAMS is the system that provides text and image files of NRC's public documents and can be accessed 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. The ADAMS accession number for NuScale's slide presentations package is ML14024A211. A non-proprietary version of the NuScale slide presentation can be found at ML14024A214.

A. Bradford

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

Project No.: PROJ0769

Enclosure:

1. Agenda
2. List of Attendees

cc w/encl: DC NuScale Power LLC Mailing ListServe

A. Bradford

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

Project No.: PROJ0769

Enclosure:

1. Agenda
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ADAMS ACCESSION No.:ML14058A365

NRC-001

OFFICE	PM:NRO/DARR/SMRLB2	PM:NRO/DARR/SMRLB2	BC:NRO/DARR/SMRLB2
NAME	NDevaser GCranston for	GCranston	ABradford GCranston for
DATE	03/05/2014	03/05/2014	03/05/2014

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AGENDA

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

Three White Flint 13-A28

Containment Isolation Update

Tuesday, February 6, 2014

8:30 am – 2:30 pm

Agenda

1. Purpose
2. Plant overview
3. NuScale -containment isolation valve (CIV) design approach
 - design issues driving NuScale's current CIV approach
 - technical justification for CIV design
 - decay heat removal (DHR) system design approach and justification
4. Regulatory approach
 - applicable regulations
 - regulatory compliance and deviation
5. Design Specific Review Standard (DSRS)
 - specific NuScale DSRS needs
6. Results achieved
 - NRC feedback on information needed or concerns

ATTENDANCE LISTS

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

Three White Flint 13-A28

Containment Isolation Update

Tuesday, February 6, 2014

8:30 am – 2:30 pm

NAME	AFFILIATION		NAME	AFFILIATION
ABradford	NRC/NRO/DARR		DBotha	NuScale
GCranston	NRC/NRO/DARR		EWallace	NuScale
RDavis	NRC/NRO/DE/MCB		GBecker	NuScale
AGrady	NRC/NRO/DSRA/SCVB		GChou	NuScale
CAshley	NRC/NRO/DSRA/SCVB		JReyes	NuScale
DChien	NRC/NRO/DSRA/SCVB		MBrasel	NuScale
RGoel	NRC/NRO/DSRA/SCVB		RKeating	NuScale
GThomas	NRC/NRO/DSRA/SRSB		RPeters	NuScale
SLu	NRC/NRO/DSRA/SRSB		SKauffman	NuScale
			SMirsky	NuScale