

April 7, 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 MARCH 18, 2014, CLOSED MEETING WITH  
THE U.S. NUCLEAR REGULATORY COMMISSION STAFF AND  
NUSCALE POWER, LLC, TO DISCUSS NUSCALE'S  
ELECTRICAL SYSTEM DESIGN INFORMATION  
(TAC No. RN6110)

On March 18, 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 for NuScale personnel to (1) provide sufficient information for development of the Design Specific Review Standard (DSRS) for Chapter 8, Electric Power, including design, (2) describe compliance with generic design criteria and Title 10 of the Code of Federal Regulations (CFR) Section 50.63 (station blackout rule), and (3) identify the need for future DSRS Chapter 8 engagements. This discussion was geared to the NRC staff 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.

A. Bradford

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

The accession number for the meeting notice is ML14070A178 and is located in the NRC Agencywide Documents Access and Management System (ADAMS). The ADAMS accession number for NuScale's slide presentation package is ML14069A037. Non-proprietary versions of the NuScale slide presentation on its electrical system can be found at ML14069A044.

Project No.: PROJ0769

Enclosure:

1. Agenda
2. List of Attendees

cc w/encl: DC NuScale Power LLC Listserv

A. Bradford

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**ADAMS ACCESSION No.:ML14090A120**

**NRC-001**

<b>OFFICE</b>	PM:NRO/DARR/SMRLB2	PM:NRO/DARR/SMRLB2	BC:NRO/DARR/SMRLB2
<b>NAME</b>	NDevaser	GCranston	ABradford
<b>DATE</b>	03/31/2014	04/07/2014	04/07/2014

**OFFICIAL RECORD COPY**

## **AGENDA**

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

**Three White Flint 13-A28**

#### **Electrical System Design Information**

**Tuesday, March 18, 2014**

**1:00 pm – 4:30 pm**

#### Agenda

1. Purpose and plant overview
2. Background
3. Electrical system design information
  - features/capabilities warranting unique electrical system design basis
  - electrical system design description
  - compliance with relevant GDCs and 10 CFR 50.63
4. Information for NRC to develop NuScale, LLC (NuScale) Design-Specific Review Standard (DSRS) Chapter 8
5. Results achieved and next steps

## **ATTENDANCE LIST**

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

#### **Three White Flint 13-A28**

#### **Electrical System Design Information**

**Tuesday, March 18, 2014**

**1:00 pm – 4:30 pm**

NAME	AFFILIATION		NAME	AFFILIATION
ABradford	NRC/NRO/DARR/SMRLB2		EWallace	NuScale
GCranston	NRC/NRO/DARR/SMRLB2		JReyes	NuScale
RFitzpatrick	NRC/NRR/DE/EEEEB		TBergman	NuScale
TMossman	NRC/NRO/DE/ICE2		JRaleigh	NuScale
LWheeler	NRC/NRO/DRSA/BPTS		BPeters	NuScale
THough	NuScale		BMorris	Fluor
MFeatherstone	NuScale		SMirsky	NuScale
MBrasel	NuScale		MManderbach	NuScale