

April 25, 2012

COMPANY: NuScale Power, LLC.

DESIGN: NuScale Power Reactor

SUBJECT: SUMMARY OF PRE-APPLICATION CLOSED MEETING WITH NUSCALE  
POWER, LLC, REGARDING INSTRUMENTATION AND CONTROLS  
PRELIMINARY DESIGN AND METHODOLOGY (TAC RN6110)

On April 19, 2012, a closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives from NuScale Power, LLC (NuScale), at the NRC, One White Flint North, 11555 Rockville Pike, Room O 3-B6, Rockville, MD 20852.

The purpose of the meeting was for NuScale personnel to discuss their instrumentation and controls (I&C) protection system, including system design, architecture and functionality.

NuScale presented an overview of their preliminary integrated design and design methodology. NuScale did not provide any slides or documentation regarding their presentation. The NRC presented their initiative for the licensing review of I&C design for small modular reactors.

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

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  
Projects Branch  
Division of Advanced Reactors and  
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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- 1. Agenda
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**ADAMS ACCESSION NO.: ML12111A039**

**NRC-001**

OFFICE	PM:NRO/DARR/APRB	PM:NRO/DARR/APRB	BC:NRO/DARR/APRB
NAME	MJones	GCranston	SMagruder
DATE	04/20/12	04/23/12	04/25/12

**OFFICIAL RECORD COPY**

**AGENDA**

**NUSCALE POWER, LLC, (NUSCALE) CLOSED MEETING WITH THE U.S. NUCLEAR  
REGULATORY COMMISSION (NRC) ON  
INSTURMENTATION AND CONTROLS DESIGN**

**NRC HEADQUARTERS, OWFN O-03B06, ROCKVILLE, MD**

**Thursday, April 19, 2012**

<b><u>TIME</u></b>	<b><u>TOPIC</u></b>	<b><u>LEAD</u></b>
8:30 a.m. - 8:40 a.m.	Introductions and Meeting Objectives	NRC/NuScale
8:40 a.m. - 10:00 a.m.	I&C Licensing Methodology	NuScale
10:00 a.m. - 10:15 a.m.	Break	
10:15 a.m. – 11:45 a.m.	I&C Licensing Methodology	NRC
11:45 a.m. - Noon	Questions and discussions	NRC/NuScale
Noon	Adjourn	

**ATTENDANCE LIST**

**NUSCALE POWER, LLC (NUSCALE) CLOSED MEETING WITH THE U.S. NUCLEAR  
REGULATORY COMMISSION (NRC) ON INSTRUMENTATION AND CONTROLS**

**NRC HEADQUARTERS, OWFN-03B06**

**APRIL 19, 2012**

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J. Mazza	NRO/DARR	A. Belen-Ojeda	NRO/DCIP/CQAB
H. Li	NRO/DE/ICB	D. Neve	NuScale
J. Ashcraft	NRO/DE/ICB	G. Jones	NuScale
D. Taneja	NRO/DE/ICB	S. Mirsky	NuScale
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(Revised 03/28/2012)

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