

May 14, 2015

MEMORANDUM TO: Mark Tonacci, Chief
Small Modular Reactor Licensing Branch
Division of Advanced Reactor and
Rulemaking Office of New Reactors

FROM: Omid Tabatabai, Senior Project Manager */RA/*
Small Modular Reactor Licensing Branch
Division of Advanced Reactor and Rulemaking
Office of New Reactors

SUBJECT: FORTHCOMING CLOSED MEETING WITH NUSCALE POWER,
LLC, TO DISCUSS NUSCALE SMALL MODULAR REACTOR
THERMAL HYDRAULIC STABILITY (TAC# RN6110)

DATE & TIME: Tuesday, June 2, 2015
8:30 am – 3:30 pm

LOCATION: NuScale Power, LLC
11333 Woodglen Dr.
Suite 205
Rockville, MD 20852

PURPOSE: The purpose of this closed meeting is for NuScale personnel to provide an update to the Nuclear Regulatory Commission staff on the results of their small modular reactor thermal hydraulic stability analysis. The NRC has determined, in accordance with Title 10 in the *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.

PARTICIPANTS: NRO Staff NuScale Power, LLC
Greg Cranston Steven Mirsky
Omid Tabatabai, et al Steve Pope, et al

ENCLOSURE: Meeting Agenda

MEETING CONTACTS: Gregory Cranston, NRO Omid Tabatabai, NRO
301-415-0546 301-415-6616
gregory.cranston@nrc.gov omid.tabatabai@nrc.gov

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OFFICE	PM:NRO/DARR/SMRLB	PM:NRO/DARR/SMRLB
NAME	Otabatabai	GCranston
DATE	5/13/2015	5/14/2015

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Meeting Agenda

Topic	Time
Introduction	8:30 – 8:45 am
TH Stability and Review of Stability Mechanisms	8:45 -10:15 am
Break	10:15 – 10:30 am
Stability Model Description and Model Assumptions	10:30 – 11:30 am
Stability Analysis Sample Applications	11:30 - noon
Lunch	12:00 -1:00 pm
Stability Analysis Sample Applications (continued)	1:00 – 2:30 pm
Break	2:30 – 2:45 pm
Observations and Conclusions	2:45 – 3:00 pm
Elements of Stability Protection Methodology	3:00 – 3:15 pm
Meeting Summary	3:15 – 3:30 pm

Enclosure