

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

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

ADAMS ML15134A074		NRO-002
OFFICE	PM:NRO/DARR/SMRLB	PM:NRO/DARR/SMRLB
NAME	OTabatabai	GCranston
DATE	5/13/2015	5/14/2015

OFFICIAL RECORD COPY

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