



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 25, 2018

MEMORANDUM TO: Samuel S. Lee, Chief
Licensing Branch 1
Division of Licensing, Siting,
and Environmental Analysis
Office of New Reactors

FROM: Rani Franovich, Project Manager */RA/*
Licensing Branch 1
Division of Licensing, Siting,
and Environmental Analysis
Office of New Reactors

SUBJECT: AUDIT SUMMARY FOR NUSCALE POWER, LLC TOPICAL
REPORT TR-0516-49416-P, "NON-LOSS-OF-COOLANT
ACCIDENT ANALYSIS METHODOLOGY," REVISION 0

From May 31, 2017, to January 25, 2018, the U.S. Nuclear Regulatory Commission (NRC) staff conducted a regulatory audit of Topical Report (TR) TR-0516-49416-P, "Non-Loss-of-Coolant-Accident Analysis Methodology," Revision 0. TR-0516-49416-P seeks approval for the application of the proposed evaluation model for the analysis of system transient response to non-loss-of-coolant accident initiating events for the NuScale Power Module.

The enclosed audit summary describes the scope of the audit and identifies the audit participants and audit exit observations.

Docket No. 0769

Enclosures:

1. Audit Summary – (Non-Proprietary)
2. Audit Summary – (Proprietary)

cc w/encl.: DC NuScale Power, LLC Listserv (w/o Enclosure 2)

CONTACT: Rani Franovich, NRO/DNRL
301-415-7334

Document transmitted herewith
contains sensitive unclassified
information. When separated from the
enclosure, this document is
"DECONTROLLED."

SUBJECT: AUDIT SUMMARY FOR NUSCALE TOPICAL REPORT TR-0516-49416-P, "NON-LOSS-OF-COOLANT ACCIDENT ANALYSIS METHODOLOGY," REVISION 0
Date: February 25, 2018

DISTRIBUTION:

PUBLIC

SLee, NRO

RFranovich, NRO

BKaras, NRO

ASiwy, NRO

GCranston, NRO

RidsNroDsra

RidsOgcMailCenter

RidsAcrcAcnwMailCenter

ADAMS Accession Nos.:

Pkg: ML19039A090

Memo: ML19039A093

Enclosure No. 1: ML19039A092

Enclosure No. 2: ML19039A091

*via email

NRO-002

OFFICE	NRO/DLSE/LB1: PM	NRO/DLSE/LB1: LA	NRO/DSRA/SRSB: BC	NRO/DLSE/LB1: BC
NAME	RFranovich	MMoore*	BKaras	SLee
DATE	2/14/2019	2/14/2019	2/25/2019	

OFFICIAL RECORD COPY