



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

August 15, 2019

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

FROM: Cayetano Santos Jr., Project Manager */RA/*
Licensing Branch 1
Division of Licensing, Siting,
and Environmental Analysis
Office of New Reactors

SUBJECT: SUMMARY OF THE AUGUST 5, 2019, PUBLIC
TELECONFERENCE REGARDING THE INITIAL TEST
PROGRAM IN NUSCALE POWER, LLC'S DESIGN
CERTIFICATION APPLICATION

On August 5, 2019, a Category 1 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) staff and NuScale Power, LLC (NuScale). The purpose of the meeting was to discuss Test #107 for the Remote Shutdown Workstation as described in the initial test program of NuScale's design certification application. The meeting notice was posted on the NRC website and is also in the NRC's Agencywide Documents Access and Management System under Accession Number ML19176A476. The Meeting Summary is provided as Enclosure 1, which captures the summary of topics discussed. The Meeting Agenda and List of Attendees are provided as Enclosures 2 and 3, respectively.

Docket No. 52-048

Enclosures:
As stated

cc w/ncl: DC NuScale Power, LLC Listserv

CONTACT: Cayetano Santos Jr., NRO/DLSE
301-415-7270

SUBJECT: SUMMARY OF THE AUGUST 5, 2019, PUBLIC TELECONFERENCE
REGARDING THE INITIAL TEST PROGRAM IN NUSCALE POWER, LLC'S
DESIGN CERTIFICATION APPLICATION
DATED: AUGUST 15, 2019

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NRO-002

OFFICE	DLSE/LB1:PM	DLSE/LB1:LA	DLSE/LB1:PM
NAME	CSantos	MMoore	CSantos (signed)
DATE	08/15/2019	08/14/2019	08/15/2019

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Meeting Summary

Public Teleconference Regarding Test #107 for the Remote Shutdown Station in the Initial Test Program

August 5, 2019

In letter dated November 16, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18320A189), NuScale Power, LLC (NuScale) submitted proposed revisions to the initial test program described in Tier 2, Section 14.2, "Initial Test Program," of its design certification application. One of these proposed revisions was the deletion of Remote Shutdown Workstation Test #107.

The U.S. Nuclear Regulatory Commission staff requested that NuScale explain the basis for the proposed deletion of this test. NuScale stated that this test was removed because (1) the objectives of Test #107 are verified in other tests, (2) Test #61 for the Module Control System and Test #62 for the Plant Control System were modified to include testing of the remote shutdown workstation during factory and site acceptance testing, and (3) the displays for the remote shutdown workstation are identical to those in the main control room.

The staff asked if the isolation switches are tested. NuScale responded that these switches are tested as part of the factory and site acceptance testing of the module protection system and the functionality of these switches is also verified through inspections, tests, analyses, and acceptance criteria (ITAAC). The staff asked if the ITAAC to verify this functionality was one of the ITAAC that was rolled up into ITAAC # 1 in Tier 1, Table 2.5-7, "Module Protection System and Safety Display and Indication System Inspections, Tests, Analyses, and Acceptance Criteria." NuScale responded that although this verification is not explicitly stated in the design commitment for the ITAAC, it is tested as part of the hardware testing lifecycle phase.

There was an opportunity for members of the public to provide comments and ask questions. No comments or questions were received.

Meeting Agenda

August 5, 2019

12:00 p.m. – 1:00 p.m.

The purpose of this teleconference was for the U.S. Nuclear Regulatory Commission (NRC) staff to discuss with NuScale Power, LLC (NuScale) Test #107 for the Remote Shutdown Workstation as described in the initial test program of NuScale's design certification application.

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
12:00 p.m. – 12:05 p.m.	Introductions	All
12:05 p.m. – 12:45 p.m.	Discussion of Test #107 for the Remote Shutdown Workstation	NRC/NuScale
12:45 p.m. – 1:00 p.m.	Public Comments	Public
1:00 p.m.	Adjourn	All

LIST OF ATTENDEES

August 5, 2019

12:00 p.m. – 1:00 p.m.

<u>Name</u>	<u>Organization</u>
Cayetano Santos	U.S. Nuclear Regulatory Commission (NRC)
Joseph Ashcraft	NRC
Dinesh Taneja	NRC
Taylor Lamb	NRC
Maurin Scheetz	NRC
Nadja Joergensen	NuScale Power, LLC (NuScale)
Spain Abney	NuScale
Carrie Fosaaen	NuScale
Chris Maxwell	NuScale