



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

April 24, 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 PUBLIC TELECONFERENCE HELD APRIL 15,  
2019, REGARDING THE INSPECTIONS, TESTS, ANALYSES,  
AND ACCEPTANCE CRITERIA IN NUSCALE POWER LLC'S  
DESIGN CERTIFICATION APPLICATION

On April 15, 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 this meeting was to discuss inspections, tests, analyses, and acceptance criteria (ITAAC) related to physical security systems in 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 (ADAMS) under Accession Number ML19105B013. Enclosure 1 captures the summary of topics discussed during this meeting. The Meeting Agenda and List of Attendees are included in Enclosures 2 and 3, respectively.

Docket No. 52-048

Enclosures:  
As stated

cc w/encl.: DC NuScale Power, LLC Listserv

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

SUBJECT: SUMMARY OF PUBLIC TELECONFERENCE HELD APRIL 15, 2019,  
REGARDING THE INSPECTIONS, TESTS, ANALYSES, AND ACCEPTANCE  
CRITERIA IN NUSCALE POWER LLC'S DESIGN CERTIFICATION  
APPLICATION DATED: April 24, 2019

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**ADAMS Accession No.: ML19106A045**

\*via email

**NRO-002**

<b>OFFICE</b>	DLSE/LB1:PM	DLSE/LB1:LA*	DLSE/LB1:PM
<b>NAME</b>	CSantos	CSmith	CSantos (signed)
<b>DATE</b>	4/24/2019	4/23/2019	4/24/2019

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**SUMMARY OF PUBLIC TELECONFERENCE HELD APRIL 15, 2019, REGARDING THE INSPECTIONS, TESTS, ANALYSES, AND ACCEPTANCE CRITERIA IN NUSCALE POWER LLC'S DESIGN CERTIFICATION APPLICATION**

**Meeting Summary**

**April 15, 2019**

The focus of this meeting was to discuss inspections, tests, analyses, and acceptance criteria (ITAAC) associated with the physical security system.

The design commitment of ITAAC number 2 in Tier 1, Section 3.16, "Physical Security System," Table 3.16-1, "Physical Security System Inspections, Tests, Analyses, and Acceptance Criteria," states that "[a]ccess to vital equipment requires passage through at least two physical barriers." The discussion of this ITAAC in Tier 2, Chapter 14, "Initial Test Program and Inspections, Tests, Analyses, and Acceptance Criteria," Table 14.3-2, "Shared/Common Structures, Systems, and Components and Non-Structures, Systems, and components Based Design Features and Inspections, Tests, Analyses, and Acceptance Criteria Cross Reference," includes this statement but goes on to state "or as otherwise identified in Technical Report TR-0416-48929, 'NuScale Design of Physical Security Systems.'" The staff asked NuScale to explain this discrepancy between the Tier 1 and Tier 2 information. NuScale responded that it will modify the statement in Tier 2 information to be consistent with the Tier 1 information. Therefore, the following text would be removed from Chapter 14, Table 14.3-2:

*or as otherwise identified in Technical Report TR-0416-48929, "NuScale Design of Physical Security Systems"*

In response to a question by the applicant, the staff noted that this discrepancy would be identified as an open item in the staff's Phase 2 Safety Evaluation Report (SER) for Chapter 14. NuScale stated its intent to submit on the docket a proposed markup of this change. If this is received prior to the staff's issuance of the SER, the open item could be converted into a confirmatory item.

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

**SUMMARY OF PUBLIC TELECONFERENCE HELD APRIL 15, 2019, REGARDING THE INSPECTIONS, TESTS, ANALYSES, AND ACCEPTANCE CRITERIA IN NUSCALE POWER LLC'S DESIGN CERTIFICATION APPLICATION**

**Meeting Agenda**

**April 15, 2019**

**1:00 p.m. – 2:00 p.m.**

The purpose of this teleconference was for the U.S. Nuclear Regulatory Commission (NRC) staff to discuss technical issues regarding NuScale's inspections, tests, analyses, and acceptance criteria (ITAAC).

<b><u>Time</u></b>	<b><u>Topic</u></b>	<b><u>Speaker</u></b>
1:00 p.m. – 1:05 p.m.	Introductions	All
1:05 p.m. – 1:45 p.m.	Inspections, Tests, Analyses, and Acceptance Criteria	NRC/NuScale
1:45 p.m. – 2:00 p.m.	Public Comments	Public
2:00 p.m.	Adjourn	All

**SUMMARY OF PUBLIC TELECONFERENCE HELD APRIL 15, 2019, REGARDING THE  
INSPECTIONS, TESTS, ANALYSES, AND ACCEPTANCE CRITERIA IN NUSCALE POWER  
LLC'S DESIGN CERTIFICATION APPLICATION**

**List of Attendees**

**April 15, 2019**

<b><u>Name</u></b>	<b><u>Organization</u></b>
Cayetano Santos	NRC
Pete Lee	NRC
Nadja Joergensen	NuScale
Chris Maxwell	NuScale
Edan Engstrom	NuScale
Kevin Deyette	NuScale
Mike Melton	NuScale
Sarah Fields	Uranium Watch