



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

September 1, 2022

MEMORANDUM TO: Michael I. Dudek, Chief  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

FROM: David Drucker, Senior Project Manager */RA/*  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE AUGUST 11, 2022, OPEN MEETING, TO  
DISCUSS THE NUSCALE US460 STANDARD DESIGN  
APPROVAL QUALITY ASSURANCE PROGRAM DESCRIPTION

The U.S. Nuclear Regulatory Commission held an open public meeting on August 11, 2022, to receive an overview from NuScale Power, LLC on the Quality Assurance Program Description Topical Report that they plan to submit in support of their US460 Standard Design Approval application that they plan to submit later this calendar year.

Enclosed is the meeting agenda (Enclosure 1), list of participants (Enclosure 2), and meeting summary (Enclosure 3).

Docket No. 99902078

Enclosures:

1. Meeting Agenda
2. List of Attendees
3. Meeting Overview

CONTACT: David Drucker, NRR/DNRL  
301-415-6223

SUBJECT: SUMMARY OF THE AUGUST 11, 2022, OPEN MEETING, TO DISCUSS THE  
 NUSCALE US460 STANDARD DESIGN APPROVAL QUALITY ASSURANCE  
 PROGRAM DESCRIPTION  
 DATED: SEPTEMBER 1, 2022

**DISTRIBUTION:**

PUBLIC  
 NRLB R/F  
 BSmith, NRR  
 BThomson, NRR  
 MDudek, NRR  
 DDrucker, NRR  
 GTesfaye, NRR  
 BBavol, NRR  
 RVivanco, NRR  
 ASchiller, NRR  
 KKavanagh, NRR  
 AKeim, NRR  
 FVega, NRR  
 AOgunayo, NRR  
 SGreen, NRR

**ADAMS Accession No.: ML22235A046****\*via email****NRR-106**

<b>OFFICE</b>	DNRL/NRLB: PM	DNRL/NRLB: LA	DNRL/NRLB: PM	DNRL/NRLB: BC
<b>NAME</b>	DDrucker*	SGreen*	DDrucker*	DDudek*
<b>DATE</b>	08/19/2022	08/23/2022	08/23/2022	09/01/2022

**OFFICIAL RECORD COPY**

**U.S. NUCLEAR REGULATORY COMMISSION**

**SUMMARY OF THE AUGUST 11, 2022, OPEN MEETING, TO DISCUSS NUSCALE US460  
STANDARD DESIGN APPROVAL QUALITY ASSURANCE PROGRAM DESCRIPTION  
TOPICAL REPORT**

**MEETING AGENDA**

**AUGUST 11, 2022**

Time	Topic	Speaker
3:00 pm	Introductions	NRC and NuScale
3:05 pm	Discussion of US460 Standard Design Approval Quality Assurance Program Description Topical Report	NuScale
3:45 pm	Opportunity for Public Comment	Public
4:00 pm	Adjourn	NRC

**U.S. NUCLEAR REGULATORY COMMISSION**

**SUMMARY OF THE AUGUST 11, 2022, OPEN MEETING, TO DISCUSS NUSCALE US460  
STANDARD DESIGN APPROVAL QUALITY ASSURANCE PROGRAM DESCRIPTION  
TOPICAL REPORT**

**MEETING ATTENDEES**

**AUGUST 11, 2022**

<b>Name</b>	<b>Organization</b>
Mike Dudek	U.S. Nuclear Regulatory Commission (NRC)
Getachew Tesfaye	NRC
Bruce Baval	NRC
Ricky Vivanco	NRC
David Drucker	NRC
Kerri Kavanagh	NRC
Frankie Vega	NRC
Andrea Keim	NRC
Odunayo Ayegbusi	NRC
Stephanie Terwilliger	NuScale Power, LLC (NuScale)
Mark Shaver	NuScale
Carolyn Monaco	NuScale
Liz English	NuScale
Gary Becker	NuScale

**U.S. NUCLEAR REGULATORY COMMISSION**

**SUMMARY OF THE AUGUST 11, 2022, OPEN MEETING, TO DISCUSS NUSCALE US460  
STANDARD DESIGN APPROVAL QUALITY ASSURANCE PROGRAM DESCRIPTION  
TOPICAL REPORT**

On August 11, 2022, the U.S. Nuclear Regulatory Commission (NRC) held an open public meeting, to receive an overview from NuScale Power, LLC (NuScale) on the Quality Assurance Program Description (QAPD) Topical Report (TR) that they plan to submit in support of their US460 Standard Design Approval (SDA) application that they plan to submit later this calendar year. The meeting began with attendees introducing themselves and David Drucker, NRC Sr. Project Manager stating the purpose of the meeting and discussing the meeting agenda. Next, NuScale representative Stephanie Terwilliger presented the information contained in the slides found under Agencywide Documents Access and Management System Accession No. [ML22215A168](#). This information included:

- (1) The US460 SDA QAPD will be a stand-alone QAPD which is based information in the NuScale SDA-600 Design Certification (DC) QAPD TR, NP-TR-1010-859-NP-A, Revision 5.
- (2) The changes from the QAPD TR for SDA-600 DC to the US460 SDA application include:
  - a. no reductions in commitment
  - b. added International Organization for Standardization 9001 language
  - c. reflects recent organizational changes
  - d. minor administrative changes for clarity and to eliminate duplication
  - e. updates regulatory guides to current revisions, and
  - f. added provisions for conduct of remote source verification and audits during exigent conditions according to Electric Power Research Institute reports

After the presentation, the NRC asked the following questions and received the following answers from NuScale:

- (1) Question: How will the two QAPDs function if NuScale is doing work on the SDA-600 and the US460 SDA at the same time?

Answer: NuScale will not be working on two concurrent QAPDs – NuScale will work in accordance with the new US460 SDA.

(2) Question: Is the SDA-600 QAPD invalid once the US460 SDA QAPD is approved?

Answer: The old QAPD is not invalid - it is superceded by the new QAPD.

No one from the public attended this meeting. The meeting began at 3:00 pm and concluded at 3:23 pm eastern standard time.