December 31, 2022 Docket No. 52-050

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852-2738

SUBJECT: NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application - Part 9, "Withheld Information," Revision 0

REFERENCES:
1. NuScale letter to NRC, "NuScale Power, LLC Submittal of Planned Standard Design Approval Application Content," dated February 24, 2020 (ML20055E565)
2. NuScale letter to NRC, "NuScale Power, LLC Requests the NRC staff to conduct a pre-application readiness assessment of the draft, 'NuScale Standard Design Approval Application (SDAA),'" dated May 25, 2022 (ML22145A460)
3. NRC letter to NuScale, "Preapplication Readiness Assessment Report of the NuScale Power, LLC Standard Design Approval Draft Application," Office of Nuclear Reactor Regulation dated November 15, 2022 (ML22305A518)
4. NuScale letter to NRC, "NuScale Power, LLC Staged Submittal of Planned Standard Design Approval Application," dated November 21, 2022 (ML22325A349)

NuScale Power, LLC (NuScale) is pleased to submit Part 9 of the Standard Design Approval Application (SDAA), "Withheld Information," Revision 0, described in Reference 1. NuScale submits the part in accordance with requirements of 10 CFR 52 Subpart E, Standard Design Approvals. As described in Reference 4, the enclosure is part of a staged SDAA submittal. NuScale requests NRC review, approval, and granting of standard design approval for the US460 standard plant design.

From July 25, 2022 to October 26, 2022, the NRC performed a pre-application readiness assessment of available portions of the draft NuScale Final Safety Analysis Report (FSAR) to determine the FSAR's readiness for submittal and for subsequent review by NRC staff (References 2 and 3). Part 9 was not included in the scope of the readiness assessment.

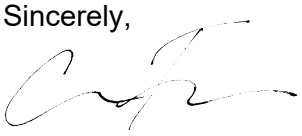
Enclosure 1 contains SDAA Part 9, "Withheld Information," Revision 0.

This letter makes no regulatory commitments and no revisions to any existing regulatory commitments.

If you have any questions, please contact Mark Shaver at 541-360-0630 or at mshaver@nuscalepower.com.

I declare under penalty of perjury that the foregoing is true and correct. Executed on December 31, 2022.

Sincerely,



Carrie Fosaaen
Senior Director, Regulatory Affairs
NuScale Power, LLC

Distribution: Brian Smith, NRC
Michael Dudek, NRC
Getachew Tesfaye, NRC
Bruce Bavol, NRC
David Drucker, NRC

Enclosure 1: SDAA Part 9, “Withheld Information,” Revision 0

Enclosure 1:

SDAA Part 9, “Withheld Information,” Revision 0

NuScale Power, LLC
1100 NE Circle Blvd., Suite 200 Corvallis, Oregon 97330 Office 541.360-0500 Fax 541.207.3928
www.nuscalepower.com

NuScale US460 Plant
Standard Design Approval Application

Withheld Information

PART 9

Revision 0

Part 9 - Withheld Information

Part 9 of the NuScale Power, LLC, Standard Design Approval Application identifies the location of security-related information within the Final Safety Analysis Report (FSAR).

NuScale requests the security-related information be withheld from public disclosure in accordance with 10 CFR 2.390(d)(1).

Security-related information in the following areas is withheld.

FSAR Location	Description
Figure 1.2-8	Reactor Building 25'-0" Elevation
Figure 1.2-9	Reactor Building 40'-0" Elevation
Figure 1.2-10	Reactor Building 55'-0" Elevation
Figure 1.2-11	Reactor Building 70'-0" Elevation
Figure 1.2-12	Reactor Building 85'-0" Elevation
Figure 1.2-13	Reactor Building 100'-0" Elevation
Figure 1.2-14	Reactor Building 126'-0" Elevation
Figure 1.2-15	Reactor Building 146'-6" Elevation
Figure 1.2-16	Reactor Building East-West Section View
Figure 1.2-17	Reactor Building North-South Section View
Figure 1.2-18	Control Building 100'-0" Elevation
Figure 1.2-19	Control Building 125'-0" Elevation
Figure 1.2-20	Control Building North-South Section View
Figure 1.2-21	Control Building East-West Section View
Figure 1.2-22	Radioactive Waste Building 70'-0" Elevation
Figure 1.2-23	Radioactive Waste Building 82'-0" Elevation
Figure 1.2-24	Radioactive Waste Building 100'-0" Elevation
Figure 1.2-25	Radioactive Waste Building 119'-0" Elevation
Figure 1.2-26	Radioactive Waste Building 145'-0" Elevation
Figure 1.2-27	Radioactive Waste Building North-South Section View
Figure 1.2-28	Radioactive Waste Building East-West Section View
Table 3.4-1	Limiting Flooding Sources and Maximum Steady-State Flood Heights
Table 3.4-2	Flood Levels for Rooms Containing Systems, Structures, and Components Subject to Flood Protection (Without Mitigation)
Figure 9.1.3-2	Ultimate Heat Sink Water Level and Plant Feature Elevations
Section 9A.3.8	Manual Fire Suppression
Section 9A.5	Fire Hazards Analysis
Table 9A-8	Reactor Building Fire Areas
Table 9A-9	Radioactive Waste Building Fire Areas
Table 9A-10	Control Building Fire Areas
Figure 12.3-1a	Reactor Building Radiation Zone Map - 25' Elevation
Figure 12.3-1b	Reactor Building Radiation Zone Map - 40' Elevation
Figure 12.3-1c	Reactor Building Radiation Zone Map - 55' Elevation
Figure 12.3-1d	Reactor Building Radiation Zone Map - 70' Elevation
Figure 12.3-1e	Reactor Building Radiation Zone Map - 85' Elevation
Figure 12.3-1f	Reactor Building Radiation Zone Map - 100' Elevation
Figure 12.3-1g	Reactor Building Radiation Zone Map - 126' Elevation
Figure 12.3-1h	Reactor Building Radiation Zone Map - 145' 6" Elevation
Figure 12.3-2a	Radioactive Waste Building Radiation Zone Map - 70' Elevation
Figure 12.3-2b	Radioactive Waste Building Radiation Zone Map - 82' Elevation

FSAR Location	Description
Figure 12.3-2c	Radioactive Waste Building Radiation Zone Map - 100' Elevation
Figure 19.5-1	General Arrangement Reactor Building Equipment Door