

November 29, 2022

Docket No. 99902078

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 1, “General and Financial 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 1 of the Standard Design Approval Application (SDAA), “General and Financial Information,” Revision 0 (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 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 1 was not included in the scope of the readiness assessment.

Enclosure 1 contains SDAA Part 1, “General and Financial 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 November 29, 2022.

Sincerely,



Carrie Fosaaen
Senior Director, Regulatory Affairs
NuScale Power, LLC

Distribution: Brian Smith, NRC
Michael Dudek, NRC
Getachew Tesfaye, NRC
Bruce Baval, NRC

Enclosure 1: SDAA Part 1, "General and Financial Information," Revision 0

Enclosure 1:

SDAA Part 1, "General and Financial Information," Revision 0



NuScale US460 Plant
Standard Design Approval Application

General and Financial Information

PART 1

Revision 0

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Part 1 - General and Financial Information

1.0 General Information

This application seeks standard design approval of the NuScale Standard US460 Plant pursuant to 10 CFR 52, Subpart E. NuScale requests NRC review, approval, and granting of standard design approval for the NuScale Standard US460 Plant Design.

The material in this application is based upon work supported by the Department of Energy under Award Number DE-NE0008928. This application was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

The following general information is provided pursuant to 10 CFR 52.136.

1.1 Name of Applicant

This application is submitted by NuScale Power, LLC. All references herein to "NuScale Power" or "NuScale," as an entity, refer to NuScale Power, LLC.

1.2 Address of Applicant

NuScale Power, LLC's headquarters are located at 6650 SW Redwood Lane, Suite 210, Portland, OR 97224.

1.3 Description of Business

NuScale Power, LLC is engaged principally in the business of developing and marketing a nuclear power plant design based on the NuScale small modular reactor. NuScale Power, LLC is a subsidiary of NuScale Power Corporation.

1.4 Restricted Data

The Application does not include any Restricted Data or other defense information requiring separation in accordance with 10 CFR 50.33(j). Safeguards Information and Security-Related Information are protected in accordance with applicable regulations.