



January 23, 2020

Project No. 9990278

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 Presentation Materials Entitled "Standard Design Approval: Regulatory Engagement Plan Review and SDA Application Framework," PM-0120-68531, Revision 0

The purpose of this submittal is to provide presentation materials to the NRC for use during the Standard Design Approval (SDA) Regulatory Engagement Plan review meeting on January 30, 2020.

The enclosure to this letter is the nonproprietary version of the presentation entitled "Standard Design Approval: Regulatory Engagement Plan Review and SDA Application Framework."

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

If you have any questions, please contact Michael Melton at 240-833-3007 or at mmelton@nuscalepower.com.

Sincerely,

Zackary W. Rad
Director, Regulatory Affairs
NuScale Power, LLC

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Enclosure: "Standard Design Approval: Regulatory Engagement Plan Review and SDA Application Framework," PM-0120-68531, Revision 0

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NRR

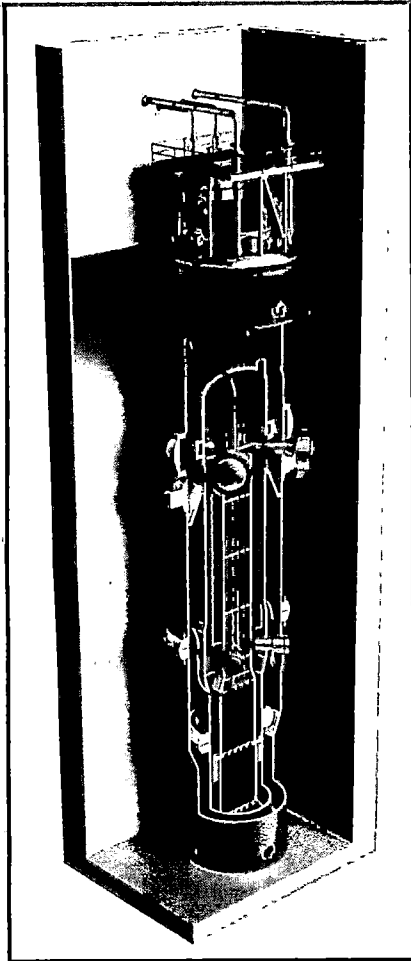


LO-0120-68533

Enclosure:

"Standard Design Approval: Regulatory Engagement Plan Review and SDA Application Framework,"
PM-0120-68531, Revision 0

Standard Design Approval



Regulatory Engagement Plan Review and SDA Application Framework

January 30, 2020

Safety Message

INPO Safety Trait – Respectful Work Environment

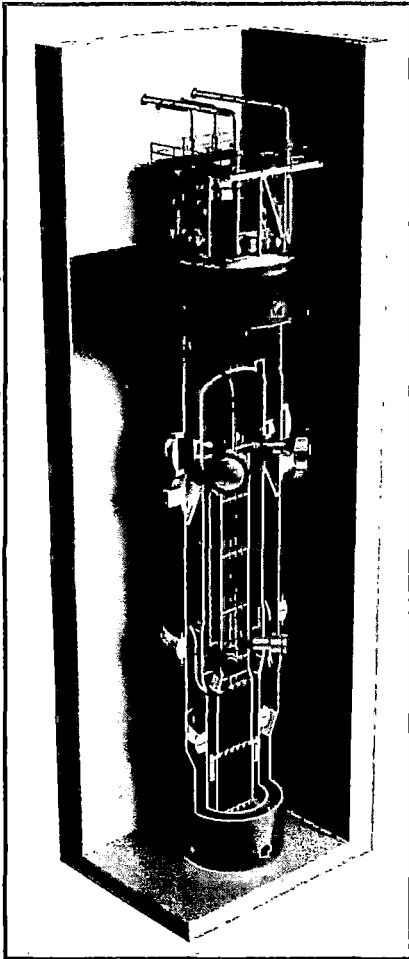
Trust and respect permeate the organization. A high level of trust is established in the organization, fostered, in part, through timely and accurate communication. Differing professional opinions are encouraged, discussed, and resolved in a timely manner. Employees are informed of steps taken in response to their concerns.

Attributes:

- **Respect is Evident:** Everyone is treated with dignity and respect.
- **Opinions are Valued:** Individuals are encouraged to voice concerns, provide suggestions, and raise questions. Differing opinions are respected.
- **High Level of Trust:** Trust is fostered among individuals and work groups throughout the organization.
- **Conflict Resolution:** Fair and objective methods are used to resolve conflicts.

Agenda

- Introductions
- Opening Remarks
- Meeting Purpose
- NRC comments on NuScale REP
 - Proposed NuScale Standard Design Approval (SDA) application framework (parts, submittal format)
- Near-term pre-application topics and schedule
- Follow-up actions and closing remarks



Introductions & Opening Remarks

Meeting Purpose

Obtain alignment between NuScale and the NRC on the NuScale SMR Standard Design Approval Regulatory Engagement Plan (REP), including the planned contents of NuScale Standard Design Approval (SDA) application, and means to document alignment

Placeholder

NRC Comments on NuScale REP

Proposed SDA Application Framework

Application Part	Combined License	Design Certification	SDAA – Required by Regulation	SDAA – Needed to Support COL	Include as Part of SDAA Submittal
Transmittal Letter	✓	✓	✓	N/A	Yes
Part 1: General and Financial Information	✓	✓ (financial information not required)	✓ (financial information not required)	N/A	Yes
Part 2: Safety Analysis Report – Tier 1	N/A	✓	No	(see below)	(see below)
• Ch 1 - Introduction	N/A	✓	No	No	No
• Ch 2 - Unit Specific SSCs Design Descriptions and ITAAC	N/A	✓	No	ITAAC Only	ITAAC Only (see Part 08)
• Ch 3 - Shared SSCs and Non-SSCs Design Descriptions and ITAAC	N/A	✓	No	ITAAC Only	ITAAC Only (see Part 08)
• Ch 4 – Interface Requirements	N/A	✓	No	No	No
• Ch 5 - Site Parameters	N/A	✓	No	No	No (FSAR Ch 2)
Part 2: Safety Analysis Report – Tier 2	✓	✓	✓	✓	Yes
Part 3: Environmental Report	✓	✓	No	No	No
Part 4: Technical Specifications	✓	✓	No	✓	Yes (could also be included in FSAR Ch 16)

Proposed SDA Application Framework

Application Part	Combined License	Design Certification	SDAA – Required by Regulation	SDAA – Needed to Support COL	Include as Part of SDAA Submittal
Part 5: Emergency Plans	✓	Optional (Not in NuScale DCA)	No	No	No
Part 6: Security Plans	✓	Optional (Not in NuScale DCA)	No	No	No
Part 7: Exemptions, Departures, and Variances	Yes, if Applicable	Yes, if Applicable	Yes, if Applicable	N/A	Yes - Exemptions
Part 8: License Conditions; Inspections, Tests, Analyses and Acceptance Criteria	✓	✓ (ITAAC only) NuScale DCA references Part 2 Tier 1	No	Yes (only ITAAC)	Yes (only ITAAC) Could include as a separate report
Part 9: Withheld Information	✓	✓ NuScale DCA provides list of tables and figures	✓	N/A	Yes
Part 10: Quality Assurance Program Description	✓	✓ NuScale DCA references separate topical report	✓	✓	Yes
Part 11: Supplemental Information (e.g., Limited Work Authorization)	Yes, if Applicable	Yes, if applicable None for NuScale DCA	No	No	No

Regulatory Engagement Plan Topics

Near-term planning:

- February - 2020
 - DCA lessons learned
 - FOAK
- March - 2020
 - Regulatory gaps
- Other topics as listed in REP or as needed

Summary

- Follow-up actions
- Closing remarks

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