

APPENDIX A. CHRONOLOGY

This appendix of the final safety evaluation report (FSER) contains a chronological listing of routine licensing correspondence between the staff of the U.S. Nuclear Regulatory Commission (NRC) and NuScale Power, LLC (NuScale), regarding the review of the NuScale Standard Design Approval Application Project No. 99902078 and Docket No. 52-050.

Revisions to NuScale Standard Design Approval Application

Revision	Date
0	November 29, 2022
1	October 31, 2023
2	April 09, 2025

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC Submittal of Presentation Materials Entitled "Standard Design Approval: Regulatory Strategy Overview," PM-0919-66825, Revision 0	ML19254A792	Letter, Meeting Agenda, Meeting Briefing Package/Handouts, Slides and Viewgraphs	9/6/2019	Publicly Available	99902078
NuScale Power, LLC Submittal of "NuScale SMR Standard Design Approval Regulatory Engagement Plan," PL-0002-66070, Revision 0	ML19283B501	Letter	10/7/2019	Publicly Available	99902078
NuScale Power, LLC Submittal "NuScale SMR Standard Design Approval Regulatory Engagement Plan," PL-0002-66070, Revision 1	ML20023D069	Legal-Affidavit, Letter, Report, Technical	1/23/2020	Publicly Available	99902078
NuScale Power, LLC Submittal of Planned Standard Design Approval Application Content	ML20055E565	Letter	2/24/2020	Publicly Available	99902078
Response to NuScale Letter Dated February 24, 2020, on Planned SDA Application Content	ML20072M668	Letter	3/30/2020	Publicly Available	05200048, 99902078
NuScale Power, LLC - Submittal of Presentation Materials Entitled "NRC Presentation: NuScale Power, LLC, Standard Design Approval Application Significance Review Process," PM-0420-69587, Revision 0	ML20099J259	Legal-Affidavit, Letter	4/8/2020	Publicly Available	99902078
NuScale Power, LLC - Submittal of Presentation Materials Entitled "NRC Presentation: NuScale Power, LLC, Planned High-Level Design Updates," PM-0420-69609, Revision 0	ML20100J205	Legal-Affidavit, Letter	4/9/2020	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled NRC Presentation: "NuScale Power, LLC, Standard Design Approval Application Significance Review Process," PM-0420-69680, Revision 0	ML20106F137	Letter, Slides and Viewgraphs	4/15/2020	Publicly Available	99902078
NuScale Power, LLC - Submittal of Presentation Materials Entitled "NRC Presentation: Standard Design Approval Application Significance Review Process (Closed Session)," PM-0420-69681, Revision 0	ML20106F126	Legal-Affidavit, Letter	4/15/2020	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "SDA Pre-Application: NuScale SDA Control Room Staffing Topical Report," PM-0520-69851, Revision 0	ML20132A343	Letter, Slides and Viewgraphs, Topical Report	5/11/2020	Publicly Available	99902078
NuScale Power, LLC Submittal of "NuScale Control Room Staffing Plan," TR-0420-69456, Revision 0	ML20163A556	Letter, Topical Report	6/11/2020	Publicly Available	99902078
NuScale Power, LLC Submittal of NuScale Small Modular Reactor, Standard Design Approval Application Status Report	ML20206K934	Legal-Affidavit, Letter, Report, Technical	7/24/2020	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled, "SDA Pre-Application: NuScale SDAA Overview of Topical Reports," PM-0820-70992, Revision 0	ML20212L873	Letter, Meeting Briefing Package/Handouts, Topical Report	7/30/2020	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC Submittal of Presentation Materials Entitled, "SDA Pre-Application: NuScale SDAA Overview of Topical Reports (Closed Session)," PM-0820-71190, Revision 0	ML20212L889	Legal-Affidavit, Letter	7/30/2020	Publicly Available	99902078
NuScale Power, LLC - Submittal of Presentation Materials Titled "SDAA Pre-Application Presentation: NuScale Updates to the Comprehensive Vibration Assessment Program," PM-0720-71197, Revision 0	ML20247J670	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	9/3/2020	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "SDA Pre-Application Presentation: Building Design and Analysis Methodology for Safety-Related Structures," PM-0920-71880, Revision 0	ML20268C272	Letter, Report, Technical, Slides and Viewgraphs	9/24/2020	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "ACRS Full Committee Presentation: NuScale Topical Report - Improvements in Frequency Domain Soil-Structure-Fluid Interaction Analysis," PM-0920-71956, Revision 0	ML20279A872	Letter, Slides and Viewgraphs, Topical Report	10/5/2020	Publicly Available	99902078
NuScale Power, LLC Response to NRC Regulatory Issue Summary 2020-02, "Review of New Licensing Applications for Light-Water Reactors and Non-Light Water Reactors"	ML20288A886	Letter	10/14/2020	Publicly Available	99902078
Summary of the October 6, 2020, Category 1 Public Teleconference to Discuss Nuscale Power, LLC's Pre-Submittal of a Topical Report for SDA-720	ML20293A456	Meeting Agenda, Meeting Summary, Memoranda	10/19/2020	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "SDA Pre-Application Presentation: NuScale SDAA - ASME Analysis Evaluations," PM-0920-71815, Revision 0	ML20295A793	Legal-Affidavit, Letter	10/21/2020	Publicly Available	99902078
2020/10/21 NuScale SDA-720 - Request for Additional Information No. 0001 (eRAI No. 9789)	ML20296A161	Email	10/21/2020	Publicly Available	99902078
NuScale Power, LLC Submittal of NuScale Small Modular Reactor, Standard Design Approval Application Status Report	ML20300A580	Legal-Affidavit, Letter, Schedule and Calendars	10/26/2020	Publicly Available	99902078
12/01/2020 NuScale Power Standard Design Approval Pre-Application Teleconference	ML20331A006	Meeting Notice, Meeting Agenda	11/26/2020	Publicly Available	99902078
Audit Summary for The Regulatory Audit Of Nuscale Topical Report TR-0420-69456, Revision 0, "Nuscale Control Room Staffing Plan"	ML20339A004	Audit Report, Memoranda	12/3/2020	Publicly Available	99902078
12/08/2020 NuScale Power Standard Design Approval Pre-application teleconference	ML20343A000	Meeting Notice, Meeting Agenda	12/8/2020	Publicly Available	99902078
NuScale Power, LLC - Response to NRC Request for Additional Information (RAI No. 9789) on the NuScale Standard Design Approval Application	ML20352A483	Letter, Response to Request for Additional Information (RAI)	12/17/2020	Publicly Available	99902078
NuScale Power, LLC - Submittal of "NuScale Control Room Staffing Plan," TR-0420-69456, Revision 1	ML20352A473	Letter, Topical Report	12/17/2020	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC Submittal of "Revised Staffing Plan Validation Test Report," RP-0419-65209, Revision 2	ML20352A471	Legal-Affidavit, Letter, Report, Technical	12/17/2020	Publicly Available	99902078
NuScale Power, LLC - Submittal of "Concept of Operations," RP-1020-72177, Revision 1	ML20352A475	Letter, Report, Technical	12/17/2020	Publicly Available	99902078
August 13, 2020 Summary for the Public Meeting to Discuss NuScale's Plan for SDA Pre-application Phase Topical Reports	ML20351A165	Meeting Agenda, Meeting Summary, Memoranda	12/17/2020	Publicly Available	99902078
Meeting Summary for the September 17, 2020, Public Meeting to Discuss NuScale's Comprehensive Vibration Assessment Program (CVAP)	ML20351A276	Meeting Agenda, Meeting Summary, Memoranda	12/17/2020	Publicly Available	99902078
NuScale Power, LLC, Submittal of Topical Report "Building Design and Analysis Methodology for Safety-Related Structures," TR-0920-71621, Revision 0	ML20353A405	Legal-Affidavit, Letter, Topical Report	12/18/2020	Publicly Available	99902078
NuScale Power, LLC, Submittal of the Approved Version of NuScale Topical Report, "Improvements in Frequency Domain Soil-Structure-Fluid Interaction Analysis," TR-0118-58005, Revision 2	ML20353A439	Legal-Affidavit, Letter, Topical Report	12/18/2020	Publicly Available	99902078
Meeting Summary for the December 1, 2020, Public Meeting to Discuss NuScale's Control Room Staffing Topical Report Request for Additional Information (RAI) No. 9789	ML20356A170	Meeting Agenda, Meeting Summary, Memoranda	12/22/2020	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials Titled "SDA Pre-Application Presentation: NuScale Updates to the Comprehensive Vibration Assessment Program (Closed Session)," PM-0221-73636, Revision 0	ML21021A223	Legal-Affidavit, Letter	1/21/2021	Publicly Available	99902078
NuScale Power, LLC Submittal of NuScale Small Modular Reactor, Standard Design Approval Application Status Report	ML21029A281	Letter	1/29/2021	Publicly Available	99902078
NuScale Power, LLC, Submittal of "NuScale 250 MWt Standard Design Approval Regulatory Engagement Plan," PL-0002-66070, Revision 2	ML21047A475	Letter, Report, Technical	2/16/2021	Publicly Available	99902078
SECY-21-0039: Elimination of the Shift Technical Advisor for the NuScale Design	ML21060A823	SECY Subject Files	4/5/2021	Publicly Available	99902078
NuScale Power, LLC, Proposed Four-Phase Review Process for NuScale SDA Application	ML21112A183	Letter	4/22/2021	Publicly Available	99902078
NuScale Power, LLC, Submittal of NuScale NPM-20 250 MWt Standard Design Approval Application Status Report	ML21117A341	Legal-Affidavit, Letter	4/27/2021	Publicly Available	99902078
NuScale Power, LLC, Submittal of the Approved Version of NuScale Topical Report, "NuScale Control Room Staffing Plan," TR-0420-69456, Revision 1	ML21231A286	Legal-Affidavit, Letter, Topical Report	6/2/2021	Publicly Available	99902078
NuScale Power, LLC, Submittal of Topical Report Schedule as of Quarter Two, 2021	ML21168A375	Legal-Affidavit, Letter	6/17/2021	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC Response to NRC Request for Additional Information (RAI No. 9833 and 9834) on the NuScale Topical Report, "Building Design and Analysis Methodology for Safety-Related Structures," TR-0920-71621, Revision 0	ML21197A204	Legal-Affidavit, Letter, Response to Request for Additional Information (RAI)	7/16/2021	Publicly Available	99902078
NuScale Power, LLC, Submittal of NuScale NPM-20 250 MWt Standard Design Approval Application Status Report	ML21215A568	Legal-Affidavit, Letter	8/3/2021	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "SDAA Pre-Application Presentation: NuScale SDAA Topical Report - Treatment of DC Power in Safety Analysis (Open Session)," PM-106639, Revision 0	ML21266A433	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	9/23/2021	Publicly Available	99902078
NuScale Power, LLC Submittal of Topical Report "Building Design and Analysis Methodology for Safety-Related Structures," TR-0920-71621, Revision 1	ML21279A337	Letter, Topical Report	10/6/2021	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials, "SDA Pre-Application Presentation: NuScale SDA Topical Reports - Rod Ejection Methodology, Subchannel Methodology (Closed Session)," PM-108130, Revision 0	ML21292A208	Legal-Affidavit, Letter	10/19/2021	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials, "SDA Pre-Application Presentation: NuScale SDA Topical Reports - Rod Ejection Methodology, Subchannel Methodology (Open Session)," PM-108128, Revision 0	ML21292A198	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	10/19/2021	Publicly Available	99902078
NuScale Power, LLC, Submittal of Supplemental Topical Report, "Applicability Range Extension of NSP4 Critical Heat Flux Correlation: Supplement 1 to TR-0116-21012-P-A, Revision 1," TR-107522, Revision 0	ML21309A754	Legal-Affidavit, Letter, Topical Report	11/5/2021	Publicly Available	99902078
NuScale Power, LLC, Submittal of Supplemental Topical Report "Framatome Fuel and Structural Response Methodologies Applicability to NuScale: Supplement 1 to TR-0116-20825-P-A, Revision 1 and Supplement 1 to TR-0716-50351-P-A, Revision 1,"	ML21334A333	Letter, Topical Report	11/30/2021	Publicly Available	99902078, PROJ0769
Building Design TR Staff Proprietary Advance SE	ML21299A043	Safety Evaluation Report	11/30/2021	Publicly Available	99902078
NuScale Power, LLC Submittal of Topical Report "Rod Ejection Accident Methodology," TR-0716-50350, Revision 2	ML21351A399	Legal-Affidavit, Letter, Topical Report	12/17/2021	Publicly Available	99902078
NuScale Power, LLC, Submittal of Supplemental Topical Report "Statistical Subchannel Analysis Methodology, Supplement 1 to TR-0915-17564-P-A, Revision 2," TR-108601, Revision 0	ML21364A133	Legal-Affidavit, Letter, Topical Report	12/30/2021	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "ACRS Subcommittee Meeting: NuScale Building Design and Analysis Methodology for Safety-Related Structures (Open Session)," PM-111761, Revision 0	ML22012A265	Letter, Slides and Viewgraphs	1/12/2022	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC, Submittal of Presentation Materials Entitled "ACRS Full Committee Meeting: NuScale Building Design and Analysis Methodology for Safety-Related Structures," PM-112948, Revision 0	ML22028A194	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	1/28/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of NuScale NPM-20 250 MWt Standard Design Approval Application Status Report	ML22041B062	Graphics incl Charts and Tables, Legal-Affidavit, Letter, Status Report	2/10/2022	Publicly Available	99902078
NuScale Building Design and Analysis Methodology for Safety-Related Structures Topical Report, TR-0920-71621 Final Safety Evaluation	ML22056A308	Safety Evaluation Report	2/25/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of the Approved Version of NuScale Topical Report, "Building Design and Analysis Methodology for Safety-Related Structures," TR-0920-71621, Revision 1	ML22062B054	Legal-Affidavit, Letter, Topical Report	3/3/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of NuScale NPM-20 250 MWt Standard Design Approval Pre-Application Activity Summary	ML22105A395	Legal-Affidavit, Letter	4/15/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of Topical Report Supplement Entitled "Statistical Subchannel Analysis Methodology, Supplement 1 to TR-0915-17564-P-A, Revision 2," TR-108601, Revision 1	ML22115A222	Legal-Affidavit, Letter, Topical Report	4/25/2022	Publicly Available	99902078
NRC Response to NuScale's Letter Dated April 15, 2022, Regarding Upcoming Topical Reports Submittal Schedule	ML22124A209	Letter	5/11/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of NuScale NPM-20 250 MWt Standard Design Approval Application Status Report	ML22132A312	Legal-Affidavit, Letter, Report, Technical	5/12/2022	Publicly Available	99902078
NuScale Power, LLC Requests the NRC staff to Conduct a Pre-application Readiness Assessment of the Draft, "NuScale Standard Design Approval Application (SDAA)"	ML22145A460	Letter	5/25/2022	Publicly Available	99902078
September 29, 2021 Public Meeting Summary - NuScale Approach for Treatment of DC Power in Safety Analysis	ML22154A449	Meeting Summary, Memoranda	6/3/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "US460 Design and SDAA Overview," PM-119783, Revision 0 (Closed) Session	ML22161B020	Legal-Affidavit, Letter	6/10/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "US460 Design and SDAA Overview," PM-119782, Revision 0 (Open Session)	ML22161B016	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	6/10/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "ACRS Subcommittee Presentation: US460 Design and SDAA Overview," PM-119782, Revision 1 (Open Session)	ML22166A397	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	6/14/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "ACRS Subcommittee Presentation: US460 Design and SDAA Overview," PM-119783, Revision 1 (Closed Session)	ML22166A399	Legal-Affidavit, Letter	6/15/2022	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
5/19/22 Meeting Summary to Discuss NuScale Power, LLC's Regulatory Engagement Plan for the Carbon Free Power Project Combined License Application	ML22146A343	Meeting Summary, Memoranda	6/15/2022	Publicly Available	99902078
NuScale Power, LLC - Submittal of Presentation Materials Entitled "SDAA: Updates to PRA and Implementation of Risk Significance Determination," PM-119414, Revision 0, (Open Session)	ML22167A130	Letter, Slides and Viewgraphs	6/16/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "SDAA: Updates to ITAAC," PM-120437, Revision 0	ML22182A485	Letter, Meeting Agenda, Meeting Briefing Package/Handouts, Slides and Viewgraphs	7/1/2022	Publicly Available	99902078
Preapplication Readiness Assessment Plan of the NuScale Standard Design Approval Draft Application	ML22178A254	Letter	7/18/2022	Publicly Available	99902078
July 12 2022 Public Meeting Summary on NuScale SDA Part 8 ITAAC	ML22199A080	Memoranda	7/18/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "LOCA Topical Report Pre-Application Meeting," PM-120102, Revision 0 (Open Session)	ML22200A287	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	7/19/2022	Publicly Available	99902078
NuScale Power, LLC Response to NRC Request for Additional Information (RAI No. 9899) on the NuScale Topical Report, "Applicability Range Extension of NSP4 CHF Correlation," TR-107522, Revision 0	ML22201A532	Letter, Response to Request for Additional Information (RAI)	7/20/2022	Publicly Available	99902078
June 23, 2022, Meeting Summary With NuScale Power, LLC - PUBLIC	ML22175A092	Meeting Agenda, Meeting Summary, Memoranda	7/20/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "NuScale US460 SDA QAPD LTR Pre-Application Meeting," PM-121281, Revision 0 (Open Session)	ML22215A168	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	8/3/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "Non-LOCA Topical Report Pre-Application Meeting," PM-120824, Revision 0 (Open Session)	ML22223A180	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	8/11/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of NuScale NPM-20 250 MWt Standard Design Approval Application Status Report	ML22227A124	Legal-Affidavit, Letter, Status Report	8/15/2022	Publicly Available	99902078
Safety Evaluation for NuScale Topical Report on Framatome Fuel and Structural Response Methodologies Applicability TR-108553	ML22210A064	Safety Evaluation Report	8/25/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - October 7, 2019	ML22187A218	Letter, Proprietary Information Review	9/1/2022	Publicly Available	99902078
Summary of the August 11, 2022, Open Meeting, to Discuss the Nuscale US460 SDA QAPD	ML22235A046	Meeting Summary, Memoranda	9/1/2022	Publicly Available	99902078
Request For Withholding Information From Public Disclosure For NuScale Power, LLC - January 23, 2020	ML22188A060	Letter	9/6/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale, LLC	ML22250A001	Letter	9/7/2022	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - April 8, 2020	ML22249A093	Letter, Proprietary Information Review	9/7/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - July 24, 2020	ML22249A242	Letter	9/7/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - January 29, 2021	ML22250A503	Letter	9/7/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - April 9, 2020	ML22250A161	Letter, Proprietary Information Review	9/7/2022	Publicly Available	99902078
Request for Withholding Information from Public Disclosure for Nuscale Power, LLC - May 12, 2022	ML22250A555	Letter, Proprietary Information Review	9/7/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - October 26, 2020	ML22250A455	Letter, Proprietary Information Review	9/7/2022	Publicly Available	99902078
Request for Withholding Information from Public Disclosure for NuScale Power, LLC - August 15 2022	ML22251A005	Letter, Proprietary Information Review	9/8/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - April 27, 2021	ML22250A639	Letter	9/12/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - April 15, 2022	ML22255A083	Letter, Proprietary Information Review	9/12/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - June 15, 2022	ML22255A092	Letter	9/12/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - February 10, 2022	ML22255A057	Letter, Proprietary Information Review	9/12/2022	Publicly Available	99902078
Request for Withholding Information From Public Disclosure for NuScale Power, LLC - August 3, 2021	ML22250A502	Letter	9/12/2022	Publicly Available	99902078
Request for Withholding Information from Public Disclosure for NuScale Power, LLC - February 16, 2021	ML22250A493	Letter	9/14/2022	Publicly Available	99902078
NuScale Power, LLC, Response to NRC Request for Additional Information (RAI No. 9936) on the NuScale Topical Report, "Rod Ejection Accident Methodology," TR-0716-50350, Revision 2	ML22257A188	Legal-Affidavit, Letter, Response to Request for Additional Information (RAI), Topical Report	9/14/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "Extended Passive Cooling and Reactivity Control Methodology Topical Report," PM-120829 Revision 0 (Open Session)		Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	9/15/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "SDAA: Updates to NuScale's Comprehensive Vibration Assessment Program," PM-125615, Revision 0 (Open Session)	ML22258A280	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	9/22/2022	Publicly Available	99902078
U.S. Nuclear Regulatory Commission Summary of the June 15, 2022, Observation, Public Meeting with NuScale Power, LLC to Discuss Design Changes Related To The Planned Standard Design Approval Application	ML22278A106	Meeting Agenda, Memoranda	10/6/2022	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC Submittal of Presentation Materials Entitled "SDAA Pre-Application Presentation: Overview of NuScale's Air Cooled Condenser Design," PM-127144, Revision 0	ML22291A471	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	10/18/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of the Approved Version of NuScale Topical Report, "Framatome Fuel and Structural Response Methodologies Applicability to NuScale," TR-108553, Revision 0	ML22292A312	Letter, Topical Report	10/19/2022	Publicly Available	99902078
2022/10/26 NuScale NPM-20 - FW: Final Safety Evaluation for NuScale Licensing Topical Report TR-0915-17772, Revision 3, "Methodology for Establishing the Technical Basis for Plume Exposure Emergency Planning Zones at NuScale Small Modular Reactor Plant S	ML22299A046	Email	10/26/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of Topical Report Applicability Range Extension of NSP4 Critical Heat Flux Correlation Supplement 1 to TR-0116-21012-P-A, Revision 1, TR-107522-P, Revision 1	ML22300A243	Legal-Affidavit, Letter, Topical Report	10/27/2022	Publicly Available	99902078
Summary of the Public Meeting to Discuss the NuScale US460 Standard Design Approval Comprehensive Vibration Assessment Program Held September 29, 2022	ML22299A051	Meeting Summary, Memoranda	11/4/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of Topical Report "NuScale Power, LLC, Quality Assurance Program Description," MN-122626, Revision 0	ML22308A151	Letter, Quality Assurance Program	11/4/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "SDAA: NuScale ECCS Valve Design and OM Code Testing Application," PM-127064, Revision 0 (Open Session)	ML22313A118	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	11/9/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of NuScale NPM-20 250 MWt Standard Design Approval Application Status Report	ML22319A146	Letter, Status Report	11/15/2022	Publicly Available	99902078
Nuscale SDAA Preapplication Readiness Assessment Summary Observation Report	ML22305A520	Letter, Report, Technical	11/15/2022	Publicly Available	99902078
NuScale Power, LLC Staged Submittal of Planned Standard Design Approval Application	ML22325A349	Letter	11/21/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of the NuScale Standard Design Approval Application - Part 1, "General and Financial Information," Revision 0	ML22333B005	Design Control Document (DCD), Letter	11/29/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 8, "Electric Power," Revision 0	ML22333A763	Final Safety Analysis Report (FSAR), Letter	11/29/2022	Publicly Available	99902078
Summary of the October 25, 2022, Open Meeting, to Discuss the Nuscale US460 Standard Design Approval Air-Cooled Condenser	ML22332A518	Meeting Agenda, Meeting Summary, Memoranda	11/30/2022	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC Requests NRC Review of the NuScale Operator Exam Methodology and Learning Objective Based Knowledge, Skills and Abilities Catalog	ML223335A489	Letter	12/1/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of White Paper, "Treatment of the Augmented DC Power System (EDAS) After Safety-enhancing Changes are Made to the Emergency Core Cooling System (ECCS)"	ML223336A129	Legal-Affidavit, Letter, Report, Technical	12/2/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 13, "Conduct of Operations," Revision 0	ML223337A003	Design Control Document (DCD), Final Safety Analysis Report (FSAR), Letter	12/3/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of the NuScale Standard Design Approval Application - Part 10, "Quality Assurance Program Description," Revision 0	ML223337A002	Letter, Quality Assurance Program	12/3/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 2, "Site Characteristics and Site Parameters," Revision 0	ML223337A001	Final Safety Analysis Report (FSAR), Letter, License-Application for Design Certification	12/3/2022	Publicly Available	99902078
NuScale Power, LLC, Submittal of Supplemental Topical Report Entitled "Statistical Subchannel Analysis Methodology, Supplement 1 to TR-0915-17564-P-A, Revision 2, Subchannel Analysis Methodology," TR-108601, Revision 2	ML22347A314	Letter, Topical Report	12/13/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 10, "Steam and Power Conversion System," Revision 0	ML22349A671	Final Safety Analysis Report (FSAR), Letter	12/15/2022	Publicly Available	99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 17, "Quality Assurance and Reliability Assurance," Revision 0	ML22362A027	Final Safety Analysis Report (FSAR), Letter	12/28/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 4, "Reactor," Revision 0	ML22362A079	Legal-Affidavit, Letter, Report, Technical	12/28/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 12, "Radiation Protection," Revision 0	ML22362A116	Letter, Report, Technical	12/28/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 14, "Initial Test Program and Inspections, Tests, Analyses, and Acceptance Criteria," Revision 0	ML22362A070	Letter, Report, Technical	12/28/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 16, Technical Specifications, Revision 0	ML22363A194	Final Safety Analysis Report (FSAR), Letter, Technical Specification, Amendment	12/29/2022	Publicly Available	05200050, 99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 11, "Radioactive Waste Management," Revision 0	ML22364A276	Final Safety Analysis Report (FSAR), Letter	12/30/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 9, "Auxiliary Systems," Revision 0	ML22364A281	Letter	12/30/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of Topical Report "Methodology for the Determination of the Onset of Density Wave Oscillations (DWO)," TR-131981, Revision 0	ML22364A332	Letter	12/30/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application - Part 7, "Exemptions," Revision 0	ML22365A018	Letter, Report, Technical	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application - Part 9, "Withheld Information," Revision 0	ML22365A004	Letter, License-Application For Combined License (COLA) A	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 1, "Introduction and General Description of the Plant," Revision 0	ML22365A002	Final Safety Analysis Report (FSAR), Letter, License-Application For Combined License (COLA) A	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 6, "Engineered Safety Features," Revision 0	ML22365A021	Final Safety Analysis Report (FSAR), Legal-Affidavit, Letter, License-Application For Combined License (COLA) A	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 3, "Design of Structures, Systems, Components and Equipment," Revision 0	ML23001A016	Final Safety Analysis Report (FSAR), Letter	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 15, "Transient and Accident Analyses," Revision 0	ML22365A006	Final Safety Analysis Report (FSAR), Legal-Affidavit, Letter, License-Application For Combined License (COLA) A	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 19, "Probabilistic Risk Assessment and Severe Accident Evaluation," Revision 0	ML22365A010	Final Safety Analysis Report (FSAR), Letter, License-Application For Combined License (COLA) A	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 7, "Instrumentation and Controls," Revision 0	ML22365A024	Final Safety Analysis Report (FSAR), Legal-Affidavit, Letter, License-Application For Combined License (COLA) A	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 18, "Human Factors Engineering," Revision 0	ML22365A013	Final Safety Analysis Report (FSAR), Legal-Affidavit, Letter, Report, Technical	12/31/2022	Publicly Available	05200050, 99902078

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NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application Part 2 - Final Safety Analysis Report, Chapter 5, "Reactor Coolant System and Connecting Systems," Revision 0	ML22365A016	Letter	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application - Part 8, "License Conditions; Inspections, Tests, Analyses, and Acceptance Criteria," Revision 0	ML22365A019	Letter, Report, Technical	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the NuScale Standard Design Approval Application - Part 4, "US460 Generic Technical Specifications," Volumes 1 and 2, Revision 0	ML23001A000	Letter, Report, Technical	12/31/2022	Publicly Available	05200050, 99902078
"US460 NuScale Power Module Seismic Analysis," TR-121515, Revision 0	ML23001A008	Letter, Report, Technical	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal, "NuScale Comprehensive Vibration Assessment Program Analysis Technical Report," TR-121353, Revision 0	ML23001A021	Legal-Affidavit, Letter, Report, Technical	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of the Technical Report, "NuScale Power Module Short-Term Transient Analysis," TR-121517, Revision 0	ML23001A018	Legal-Affidavit, Letter, Report, Technical	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal, "NuScale Comprehensive Vibration Assessment Program Measurement and Inspection Plan Technical Report," TR-121354, Revision 0	ML23001A005	Letter	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the Technical Report, "Pipe Rupture Hazards Analysis," TR-121507, Revision 0	ML23001A002	Legal-Affidavit, Letter, Report, Technical	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of the Technical Report, "Containment Vessel Ultimate Pressure Integrity," TR-121516, Revision 0	ML23001A011	Letter	12/31/2022	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Topical Report "Extended Passive Cooling and Reactivity Control Methodology," TR-124587, Revision 0	ML23005A308	Legal-Affidavit, Letter, Topical Report	1/5/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of Topical Report "Non-Loss-of-Coolant Accident Analysis Methodology," TR-0516-49416, Revision 4	ML23005A305	Legal-Affidavit, Letter, Topical Report	1/5/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of Supplemental Information in Support of NuScale Topical Reports	ML23011A012	Legal-Affidavit, Letter	1/6/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Topical Report "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422, Revision 3	ML23008A002	Legal-Affidavit, Letter, Topical Report	1/8/2023	Publicly Available	05200050, 99902078
Request for Withholding Information from Public Disclosure for NuScale Power, LLC, December 31, 2022	ML23010A206	Letter	1/10/2023	Publicly Available	99902078
Request for Withholding Information from Public Disclosure for NuScale Power, LLC, December 31, 2022	ML23017A080	Letter	1/17/2023	Publicly Available	99902078
Request for Withholding Information from Public Disclosure for NuScale Power, LLC - December 31, 2022	ML23017A107	Letter, Proprietary Information Review	1/18/2023	Publicly Available	99902078

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Request for Withholding Information from Public Disclosure for NuScale Power, LLC - December 31, 2022	ML23024A102	Letter, Proprietary Information Review	1/24/2023	Publicly Available	99902078
Request for Withholding Information from Public Disclosure for NuScale Power, LLC, December 30, 2022	ML23024A001	Letter	1/24/2023	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "SDAA Presentation, Treatment of DC Power in Safety Analysis," PM-134582-NP, (Open Session)	ML23026A358	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	1/26/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled, "US460 Design and SDAA Overview Update," PM-135236, Rev. 0 (Open Session)	ML23045A080	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	2/14/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "US460 Design and SDAA Overview Update," PM-135237, Revision 0 (Closed Session)	ML23045A099	Legal-Affidavit, Letter	2/14/2023	Publicly Available	05200050, 99902078
Public Meeting Summary NuScale SDA ECCS Valve Design and Testing Held November 17, 2022 - Enclosure 3	ML23026A039	Meeting Summary	2/24/2023	Publicly Available	99902078
Memo - Closed Meeting Summary December 5, 2022 - NuScale SDAA ECCS-LOCA Analysis Follow-up	ML23027A088	Meeting Summary, Memoranda	2/27/2023	Publicly Available	99902078
Request for Withholding Information from Public Disclosure for NuScale Power, LLC, February 14, 2023	ML23059A115	Letter, Proprietary Information Review	2/28/2023	Publicly Available	99902078
Public Meeting Summary NuScale SDA ECCS Valve Design and Testing Held November 17, 2022 - Memo	ML23026A040	Meeting Summary, Memoranda	2/28/2023	Publicly Available	99902078
FRN - NuScale US460 Standard Design Approval Application Receipt and Availability - Jan 2023	ML23018A015	Federal Register Notice	3/13/2023	Publicly Available	05200050, 99902078
Acceptance Review Letter for the NuScale Standard Design Approval Application for US460 SMR Design	ML23058A160	Acceptance Review Letter, Request for Additional Information (RAI)	3/17/2023	Publicly Available	05200050, 99902078
News Release-23-025: NRC to Begin Reviewing Portions of NuScales Small Modular Reactor Standard Design Approval Application	ML23166A059	Press Release	3/17/2023	Publicly Available	05200050, 99902078
Meeting Summary of the January 19, 2023, Observation Public Meeting to Discuss NuScale Power, LLCs Approach for Treatment of DC Power	ML23081A002	Meeting Summary, Memoranda	3/29/2023	Publicly Available	99902078
March 21, 2023, Preapplication Public Meeting with NuScale	ML23089A005	Meeting Summary, Memoranda	3/30/2023	Publicly Available	99902078
February 2, 2023, Summary of the Public Meeting with NuScale on NuScale's Request for 10 CFR 50.55a Code Alternative to Implement ASME Code Case N-883	ML23090A194	Memoranda	4/3/2023	Publicly Available	99902078
SER for TR-0116-21012, Revision 1, "NuScale Power Critical Heat Flux Correlations" Public Version	ML23115A008	Safety Evaluation Report	4/25/2023	Publicly Available	99902078
NuScale Power, LLC Submittal of the Approved Version of NuScale Topical Report, "Applicability Range Extension of NSP4 Critical Heat Flux Correlation, Supplement 1 to TR-0116-21012-P-A, Revision 1," TR-107522, Revision 1	ML23118A377	Letter	4/28/2023	Publicly Available	99902078

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NuScale Power, LLC Submittal of White Paper, EDAS Supplemental White Paper, Revision 0	ML23132A324	Legal-Affidavit, Letter, Report, Technical	5/12/2023	Publicly Available	05200050, 99902078
Meeting Summary - NuScale SDAA - NuScale NRC Management Public Meeting April 25, 2023	ML23117A119	Meeting Summary, Memoranda	5/23/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Topical Report "Quality Assurance Program Description," MN-122626, Revision 1	ML23192A280	Letter, Quality Assurance Program	7/11/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of Responses to NRC RSIs on Topical Report, "Methodology for the Determination of the Onset of Density Wave Oscillations (DWO)," TR-131981, Revision 0	ML23195A092	Legal-Affidavit, Letter, Response to Request for Additional Information (RAI)	7/14/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of Topical Report "Methodology for the Determination of the Onset of Density Wave Oscillations (DWO)," TR-131981, Revision 1	ML23198A244	Legal-Affidavit, Letter, Topical Report	7/17/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of the NRCs Request for Docketing of Resolved Audit Response A-LOCAL TR-3	ML23214A211	Legal-Affidavit, Letter	7/18/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC, Safety Evaluation Report for Licensing Topical Report: MN-122626, Revision 0, "NuScale Power, LLC Quality Assurance Program Description"	ML23199A018	Memoranda	7/20/2023	Publicly Available	99902078
NuScale Power, LLC Submittal of the NRC's Request for Docketing of Resolved Audit Responses	ML23205A217	Legal-Affidavit, Letter	7/24/2023	Publicly Available	05200050, 99902078
Response to SDAA Audit Question A-19.2.6-1	ML23205A232	Response to Request for Additional Information (RAI)	7/24/2023	Publicly Available	05200050, 99902078
Response to SDAA Audit Question A-5.4.3.3.4-1	ML23205A220	Response to Request for Additional Information (RAI)	7/24/2023	Publicly Available	05200050, 99902078
Response to SDAA Audit Question A-19.1-19	ML23205A230	Response to Request for Additional Information (RAI)	7/24/2023	Publicly Available	05200050, 99902078
Response to SDAA Audit Question A-5.2.1.1-3	ML23205A219	Response to Request for Additional Information (RAI)	7/24/2023	Publicly Available	05200050, 99902078
Presentation Slides for the July 26, 2023, Observation Public Meeting on the Status of NuScale's US460 Standard Design Approval Application	ML23230A007	Meeting Briefing Package/Handouts, Slides and Viewgraphs	7/26/2023	Publicly Available	05200050, 99902078
2023/07/28 NuScale NPM-20 - NuScale DC- Acceptance Determination Request for Exemption to the Reporting Requirements of 10 CFR 50.46(a)(3) (Docket No. 05200048, 52-048)	ML23209A778	Email	7/28/2023	Publicly Available	99902078
Acceptance for Docketing of the NuScale US460 Standard Design Approval Application	ML23198A163	Letter	7/31/2023	Publicly Available	05200050, 99902078
Request for Withholding Information from Public Disclosure for NuScale Power, LLC July 24, 2023	ML23220A105	Letter	8/9/2023	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC, Submittal of Presentation Materials Entitled "US460 Fuel Storage Rack Topical Report, TR-145417-P," PM-148609 Revision 0 (Open Session)	ML23229A540	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	8/17/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "US460 Fuel Storage Rack Topical Report, TR-145417-P," PM-148607 Revision 0 (Closed Session)	ML23229A545	Legal-Affidavit, Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	8/17/2023	Publicly Available	05200050, 99902078
Summary of the July 26, 2023, Observation Public Meeting on the Status of NuScale's US460 Standard Design Approval Application	ML23230A006	Meeting Summary, Memoranda	8/22/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Topical Report "NuScale Power Plant Design Capability to Mitigate Beyond-Design-Basis Events Defined by 10 CFR 50.155," TR-141299, Revision 0	ML23254A360	Legal-Affidavit, Letter, Topical Report	9/11/2023	Publicly Available	99902078
Nu Scale Power, LLC, Submittal of Supplemental Information in Support of NRG Review of Topical Report TR-124587-P, "Extended Passive Cooling and Reactivity Control Methodology," Revision 0 (Item A-XPC.LTR-4)	ML23263A025	Legal-Affidavit, Letter	9/12/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Information in Support of NRC Review of Chapter 15, "Transient and Accident Analyses," Revision 0, NRC Audit Item A-15.0.2-1	ML23270B119	Legal-Affidavit, Letter	9/20/2023	Publicly Available	05200050, 99902078
Resource Estimate Letter for NuScale US460 Standard Design Approval Application Review	ML23254A192	Letter	9/22/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of Topical Report Entitled "NuScale US460 Fuel Storage Rack Design Topical Report," TR-145417-P, Revision 0	ML23283A336	Legal-Affidavit, Letter, Topical Report	10/9/2023	Publicly Available	05200050, 99902078
2023/10/11 NuScale NPM-20 - NuScale SDAA Chapter 10 - Request for Additional Information No. 001 (RAI-10083-R1)	ML23284A162	Email	10/11/2023	Publicly Available	99902078
NuScale Power, LLC Submittal of Supplemental Topical Report Entitled Statistical Subchannel Analysis Methodology, Supplement 1 to TR-0915-17564-P-A, Revision 2, Subchannel Analysis Methodology, TR-108601-P, Revision 3	ML23285A341	Legal-Affidavit, Letter, Topical Report	10/12/2023	Publicly Available	05200050, 99902078
2023/10/13 NuScale NPM-20 - NuScale SDAA Chapter 13 - Request for Additional Information No. 003 (RAI-10097-R1)	ML23286A307	Email	10/13/2023	Publicly Available	99902078
2023/10/13 NuScale NPM-20 - NuScale SDAA Chapter 19 - Request for Additional Information No. 002 (RAI-10107-R1)	ML23286A230	Email	10/13/2023	Publicly Available	99902078
2023/10/18 NuScale NPM-20 - NuScale SDAA Section 9.2 - Request for Additional Information No. 005 (RAI-10089-R1)	ML23291A051	Email	10/18/2023	Publicly Available	99902078
2023/10/18 NuScale NPM-20 - NuScale SDAA Section 9.1.2 - Request for Additional Information No. 004 (RAI-10085-R1)	ML23291A050	Email	10/18/2023	Publicly Available	99902078

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2023/10/19 NuScale NPM-20 - NuScale SDAA Section 12.3 - Request for Additional Information No. 006 (RAI-10101-R1)	ML23292A344	Email	10/19/2023	Publicly Available	99902078
2023/10/19 NuScale NPM-20 - NuScale SDAA Section 9A.5 - Request for Additional Information No. 007 (RAI-10102-R1)	ML23292A360	Email	10/19/2023	Publicly Available	99902078
NuScale Power, LLC Submittal of Topical Report "Rod Ejection Accident Methodology," TR-0716-50350, Revision 3	ML23293A292	Letter, Topical Report	10/20/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "NuScale Reactor Flange Tool Support Design Topical Report, TR-147226-P," PM-152540, Revision 0 (Open Session)	ML23296A172	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	10/23/2023	Publicly Available	05200050, 99902078
2023/10/31 NuScale NPM-20 - NuScale SDAA Section 6.3 - Request for Additional Information No. 008 (RAI-10081-R1)	ML23304A393	Email	10/31/2023	Publicly Available	99902078
NuScale Power, LLC, Submittal of Supplemental Topical Report Entitled "Statistical Subchannel Analysis Methodology, Supplement 1 to TR-0915-17564-P-A, Revision 2, Subchannel Analysis Methodology," TR-108601-P, Revision 4	ML23310A122	Legal-Affidavit, Letter, Topical Report	11/6/2023	Publicly Available	05200050, 99902078
2023/11/06 NuScale NPM-20 - NuScale-NRC Management Quarterly Public Meeting 11-07-23	ML23310A120	Email	11/6/2023	Publicly Available	99902078
NRC Advanced Safety Evaluation for NuScale Topical Report, TR-108601-P, Revision 4, "Statistical Subchannel Analysis Methodology, Supplement 1 to TR-0915-17564-P-A, Revision 2, Subchannel Analysis Methodology"	ML23277A007	Safety Evaluation	11/6/2023	Publicly Available	99902078
2023/11/11 NuScale NPM-20 - NuScale SDAA Section 9.5.3 - Request for Additional Information No. 009 (RAI-10106-R1)	ML23317A414	Email	11/11/2023	Publicly Available	99902078
Meeting Summary - NuScale SDAA - NuScale NRC Management Public Meeting November 7, 2023	ML23320A032	Meeting Summary, Memoranda	11/16/2023	Publicly Available	05200050, 99902078
2023/11/17 NuScale NPM-20 - NuScale DC- Extended Schedule Request for Exemption to the Reporting Requirements of 10 CFR 50.46(a)(3) (Docket No. 05200048, 52-048)	ML23321A194	Email	11/17/2023	Publicly Available	99902078
2023/11/18 NuScale NPM-20 - NuScale SDAA Section 9.1.5 - Request for Additional Information No. 010 (RAI-10105-R1)	ML23322A002	Email	11/18/2023	Publicly Available	99902078
2023/11/21 NuScale NPM-20 - Nonproprietary - NuScale SDAA Section 3.9.2 - Request for Additional Information No. 011 (RAI-10111-R1)	ML23325A262	Email	11/21/2023	Publicly Available	99902078
2023/12/01 NuScale NPM-20 - NuScale SDAA Section 19.5 - Request for Additional Information No. 012 (RAI-10113-R1)	ML23335A200	Email	12/1/2023	Publicly Available	99902078

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2023/12/06 NuScale NPM-20 - NuScale SDAA Section 19.1.5 - Request for Additional Information No. 013 (RAI-10115-R1)	ML23340A047	Email	12/6/2023	Publicly Available	99902078
NuScale Power, LLC, Response to NRC Request for Additional Information (RAI No. 10113) on the NuScale Standard Design Approval Application	ML23352A125	Final Safety Analysis Report (FSAR), Letter, Response to Request for Additional Information (RAI)	12/18/2023	Publicly Available	05200050, 99902078
NuScale Power, LLC, Response to NRC Request for Additional Information (RAI 10083) on the NuScale Standard Design Approval Application	ML23361A099	Legal-Affidavit, Letter, Response to Request for Additional Information (RAI)	12/27/2023	Publicly Available	05200050, 99902078
Safety Evaluation for NuScale SDAA QAPD LTR MN-122626	ML23361A122	Safety Evaluation	12/28/2023	Publicly Available	99902078
NRC Advanced SER for NuScale Topical Report TR-0716-50350-P, Revision 3 "Rod Ejection Accident Methodology" NON- PROPRIETARY	ML23310A166	Safety Evaluation	1/4/2024	Publicly Available	99902078
NuScale SDAA Quality Assurance Program Implementation Inspection Announcement Letter	ML23353A071	Letter	1/8/2024	Publicly Available	99902078
2024/01/23 NuScale NPM-20 - NuScale DC- Extended Schedule Request for Exemption to the Reporting Requirements of 10 CFR 50.46(a)(3) (Docket No. 05200048, 52-048)	ML24023A410	Email	1/23/2024	Publicly Available	99902078
NuScale Power, LLC Submittal of Presentation Materials Entitled "Statistical Subchannel Analysis Methodology and Rod Ejection Accident Methodology Topical Reports, ACRS Open Session, PM-154736, Revision 0 (Open Session)	ML24025A144	Letter, Slides and Viewgraphs	1/25/2024	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "Statistical Subchannel Analysis Methodology and Rod Ejection Accident Methodology Topical Reports, ACRS Closed Session," PM-154737, Revision 0 (Closed Session)	ML24025A146	Letter	1/25/2024	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of the Approved Version of NuScale Topical Report, "Quality Assurance Program Description," MN-122626-A, Revision 1	ML24033A318	Letter, Topical Report	2/2/2024	Publicly Available	99902078
NuScale Power, LLC, Response to NRC Request for Additional Information No. 10115 (RAI No. 10115) on the NuScale Standard Design Approval Application	ML24047A252	Legal-Affidavit, Letter, Response to Request for Additional Information (RAI)	2/16/2024	Publicly Available	05200050, 99902078
January 30, 2024, U.S. Nuclear Regulatory Commission Summary of the Observation Public Meeting on the Status of NuScale's US460 Standard Design Approval Application	ML24047A118	Meeting Summary, Memoranda	2/27/2024	Publicly Available	05200050, 99902078
2024/03/02 NuScale NPM-20 - NuScale SDAA Section 3.6.2.7 - Request for Additional Information No. 017 (RAI-10135-R1)	ML24062A002	Email	3/2/2024	Publicly Available	99902078
2024/03/02 NuScale NPM-20 - NuScale SDAA Section 3.6.3 - Request for Additional Information No. 016 (RAI-10134-R1)	ML24062A001	Email	3/2/2024	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
2024/03/02 NuScale NPM-20 - NuScale SDAA Section 15.4.6 - Request for Additional Information No. 018 (RAI-10142-R1)	ML24062A009	Email	3/2/2024	Publicly Available	99902078
Request for Withholding Information from Public Disclosure for NuScale Power, LLC	ML24064A198	Letter, Proprietary Information Review	3/7/2024	Publicly Available	99902078
2024/03/09 NuScale NPM-20 - NuScale SDAA Section 3.9.3 - Request for Additional Information No. 020 (RAI-10150-R1)	ML24069A014	Email	3/9/2024	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Material Entitled ACRS Subcommittee Meeting (Open Session) Chapters 2, 10, 11, 13, 17, and 18, PM-157982, Revision 0	ML24074A473	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	3/14/2024	Publicly Available	05200050, 99902078
2024/03/15 NuScale NPM-20 - NuScale SDAA Section 3.9.4 - Request for Additional Information No. 014 (RAI-10131-R1)	ML24075A188	Email	3/15/2024	Publicly Available	99902078
2024/03/15 NuScale NPM-20 - NuScale SDAA Section 3.9.4 - Request for Additional Information No. 015 (RAI-10133-R1)	ML24075A197	Email	3/15/2024	Publicly Available	99902078
2024/03/20 NuScale NPM-20 - NuScale SDAA Section 9.3.4 - Request for Additional Information No. 022 (RAI-10157-R1)	ML24080A510	Email	3/20/2024	Publicly Available	99902078
NuScale Power, LLC, Submittal of "Human Factors Engineering Verification and Validation Implementation Plan," TR-130415, Revision 1	ML24088A316	Letter, Operating Plan, Report, Technical	3/28/2024	Publicly Available	05200050, 99902078
NuScale Power, LLC, Response to NRC Request for Additional Information No. 002 (RAI-10107-R1) on the NuScale Standard Design Approval Application	ML24089A212	Final Safety Analysis Report (FSAR), Legal-Affidavit, Letter, Response to Request for Additional Information (RAI)	3/29/2024	Publicly Available	05200050, 99902078
2024/03/31 NuScale NPM-20 - NuScale SDAA Section 3.4.1 - Request for Additional Information No. 022 (RAI-10167-R1)	ML24091A002	Email	3/31/2024	Publicly Available	99902078
NuScale Power, LLC - Supplemental Response to NRC Request for Additional Information No. 10083 (RAI-10083) on the NuScale Standard Design Approval Application	ML24093A319	Letter, Response to Request for Additional Information (RAI)	4/2/2024	Publicly Available	05200050, 99902078
2024/04/05 NuScale NPM-20 - NuScale SDAA Section 19.3 - Request for Additional Information No. 019 (RAI-10146-R1)	ML24096B785	Email	4/5/2024	Publicly Available	99902078
2024/04/12 NuScale NPM-20 - NuScale SDAA Section 3.6.2 - Request for Additional Information No. 023 (RAI-10177-R1)	ML24103A247	Email	4/12/2024	Publicly Available	99902078
NuScale Power, LLC Submittal of the Approved Version of NuScale Topical Report, "Statistical Subchannel Analysis Methodology Supplement 1 to TR-0915-17564-P-A, Revision 2, Subchannel Analysis Methodology," TR-108601-P-A, Revision 4	ML24106A160	Letter, Report, Technical	4/15/2024	Publicly Available	99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC Response to NRC Request for Additional Information No. 10105 (RAI-10105) on the NuScale Standard Design Approval Application	ML24108A122	Letter, Response to Request for Additional Information (RAI)	4/17/2024	Publicly Available	05200050, 99902078
NuScale Power, LLC, Response to NRC Request for Additional Information No. 005 (RAI-10089-R1) on the NuScale Standard Design Approval Application	ML241222C615	Letter, Response to Request for Additional Information (RAI)	5/1/2024	Publicly Available	05200050, 99902078
NuScale Power, LLC Response to NRC Request for Additional Information No. 009 (RAI-10106) on the NuScale Standard Design Approval Application	ML241222C612	Letter, Response to Request for Additional Information (RAI)	5/1/2024	Publicly Available	05200050, 99902078
Meeting Summary - Apr 11 2024 - Quarterly NRC-NuScale SDAA Status Public Meeting	ML24127A162	Meeting Summary, Memoranda	5/8/2024	Publicly Available	05200050, 99902078
2024/05/10 NuScale NPM-20 - Nonproprietary - NuScale SDAA Section 19.2 - Request for Additional Information No. 024 (RAI-10185-R1)	ML24131A116	Email	5/10/2024	Publicly Available	99902078
2024/05/14 NuScale NPM-20 - NuScale SDAA Section 19.1 - Request for Additional Information No. 025 (RAI-10190-R1)	ML24135A387	Email	5/14/2024	Publicly Available	99902078
2024/05/25 NuScale NPM-20 - NuScale SDAA Section 17.4 - Request for Additional Information No. 026 (RAI-10199-R1)	ML24146A001	Email	5/25/2024	Publicly Available	99902078
2024/06/06 NuScale NPM-20 - RE NuScale SDAA Section 3.6.2 - Request for Additional Information No. 023 (RAI-10177-R1)	ML24158A003	Email	6/6/2024	Publicly Available	99902078
NuScale Power, LLC, Submittal of Topical Report "NuScale Power Plant Design Capability to Mitigate Beyond-Design-Basis Events Defined by 10 CFR 50.155," TR-141299-P, Revision 1 and Docketing of Resolved Audit Responses	ML24178A398	Legal-Affidavit, Letter, Topical Report	6/26/2024	Publicly Available	99902078
2024/07/16 NuScale NPM-20 - NuScale SDAA Section 5.4.1.6.1 - Request for Additional Information No. 027 (RAI-10189-R1)	ML24198A035	Email	7/16/2024	Publicly Available	99902078
2024/09/19 NuScale NPM-20 - NuScale SDAA Section 6.3 - Request for Additional Information No. 036 (RAI-10350-R1)	ML24264A000	Email	9/19/2024	Publicly Available	99902078
NuScale Power, LLC, Submittal of Presentation Materials Entitled "SDAA Review Presentation on RPV Connections," PM-174304, Revision 0	ML24269A024	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	9/25/2024	Publicly Available	05200050, 99902078
Safety Evaluation by the Office of Nuclear Reactor Regulation Topical Report TR 141299 P, Revision 1 "NuScale Power Plant Design Capability to Mitigate Beyond-Design-Basis"	ML24263A004	Safety Evaluation	9/26/2024	Publicly Available	99902078
07/17/2024 Summary of Observation Public Meeting On Status of NuScale's US460 Standard Design Approval Application	ML24242A128	Meeting Summary, Memoranda	9/27/2024	Publicly Available	05200050, 99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
2024/10/04 NuScale NPM-20 - NuScale SDAA Section 4.3 - Request for Additional Information No. 30 (RAI-10269-R1)	ML24278A018	Email	10/4/2024	Publicly Available	99902078
2024/10/16 NuScale NPM-20 - Nonproprietary - NuScale SDAA Section 6.2 - Request for Additional Information No. 039 (RAI-10359-R1)	ML24290A192	Email	10/16/2024	Publicly Available	99902078
2024/10/17 NuScale NPM-20 - Nonproprietary - NuScale SDAA Sections 15.0 and 15.1 - Request for Additional Information No. 037 (RAI-10357-R1)	ML24291A085	Email	10/17/2024	Publicly Available	99902078
2024/10/30 NuScale NPM-20 - Nonproprietary - NuScale LOCA TR-0516-49422-P, Rev 3 - Request for Additional Information No. 031 (RAI-10296-R1)	ML24304B075	Email	10/30/2024	Publicly Available	99902078
2024/10/31 NuScale NPM-20 - Nonproprietary - NuScale Non-LOCA TR-0516-49416, Non-Loss-of-Coolant Accident Analysis Methodology Revision 4 - Request for Additional Information No. 032 (RAI-10297-R1)	ML24305A000	Email	10/31/2024	Publicly Available	99902078
2024/10/31 NuScale NPM-20 - Nonproprietary - NuScale XPC TR-124587, Extended Passive Cooling and Reactivity Control Methodology, Revision 0 - Request for Additional Information No. 033 (RAI-10298-R1)	ML24305A290	Email	10/31/2024	Publicly Available	99902078
NuScale Power, LLC Response to NRC Request for Additional Information No. 14 (RAI-10131-R1) on the NuScale Standard Design Approval Application	ML24313A052	Letter, Response to Request for Additional Information (RAI)	11/8/2024	Publicly Available	05200050, 99902078
NuScale Power, LLC, Response to NRC Request for Additional Information No. 036 (RAI-10350-R1) on the NuScale Standard Design Approval Application	ML24325A593	Legal-Affidavit, Letter, Response to Request for Additional Information (RAI)	11/20/2024	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Topical Report "NuScale Power, LLC, Quality Assurance Program Description," MN-122626, Revision 2	ML24326A359	Letter, Quality Assurance Program	11/21/2024	Publicly Available	99902078, 05200050
NuScale Power, LLC, Submittal of the NRC's Request for Docketing of Resolved Audit Responses	ML24326A328	Legal-Affidavit, Letter	11/21/2024	Publicly Available	05200050, 99902078
NuScale Power, LLC, Responses to NRC Request for Additional Information No. 024 (RAI-10185 R1) on the NuScale Standard Design Approval Application	ML24327A149	Legal-Affidavit, Letter, Response to Request for Additional Information (RAI)	11/22/2024	Publicly Available	05200050, 99902078
2024/11/25 NuScale NPM-20 - FW LTR Status Meeting Summary October 2, 2024, Quarterly NRC NuScale SDAA Status Public Meeting	ML24330A023	Email	11/25/2024	Publicly Available	99902078
NuScale Power, LLC, Responses to NRC Request for Additional Information No. 039 (RAI-10359-R1) on the NuScale Standard Design Approval Application	ML24337A189	Meeting Summary, Memoranda	12/17/2024	Publicly Available	05200050, 99902078
NuScale Power, LLC, Responses to NRC Request for Additional Information No. 039 (RAI-10359-R1) on the NuScale Standard Design Approval Application	ML25009A006	Legal-Affidavit, Letter, Response to Request for Additional Information (RAI)	1/9/2025	Publicly Available	05200050, 99902078

Document Title	Accession Number	Document Type	Document Date	Availability	Docket Number
NuScale Power, LLC - Response to NRC Request for Additional Information No. 032 (RAI-10297 R1) on the NuScale Standard Design Approval Application	ML25009A002	Legal-Affidavit, Letter	1/9/2025	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Presentation Material Entitled "ACRS Subcommittee Meeting (Open Session) Chapter 16, Part 4, LOCA LTR, and HITI Status," PM-177830, Revision 0	ML25009A012	Letter, Meeting Briefing Package/Handouts, Slides and Viewgraphs	1/9/2025	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of Presentation Material Entitled "ACRS Subcommittee Meeting (Closed Session) Loss-of-Coolant Accident Topical Report and High Impact Technical Issue Status" PM-177841, Revision 0	ML25009A019	Legal-Affidavit, Letter	1/9/2025	Publicly Available	05200050, 99902078
2025/02/13 NuScale NPM-20 - Nonproprietary - NuScale FSR TR-145417, NuScale US460 Fuel Storage Rack Design Topical Report, Revision 0 - Request for Additional Information No. 001 (RAI-10502-R1)	ML25044A058	Email	2/13/2025	Publicly Available	99902078
Meeting Summary - January 22 2025 - Quarterly NRC-NuScale SDAA Status Public Meeting	ML25028A176	Memoranda	2/19/2025	Publicly Available	05200050, 99902078
NuScale Power, LLC, Response to NRC Request for Additional Information No. 001 (RAI-10502 R1) on the NuScale Standard Design Approval Application	ML25051A299	Legal-Affidavit, Letter, Response to Request for Additional Information (RAI)	2/20/2025	Publicly Available	05200050, 99902078
NuScale Power, LLC Submittal of FSAR Changes Supporting Aircraft Impact Assessment Updates	ML25051A313	Letter	2/20/2025	Publicly Available	05200050, 99902078
NuScale Power, LLC, Submittal of the Approved Version of NuScale Topical Report, "NuScale Power, LLC Quality Assurance Program Description," MN-122626-A, Revision 2	ML25070A195	Letter, Topical Report	3/11/2025	Publicly Available	99902078, 05200050
NuScale Power, LLC, Submittal of Approved "-A" Version of Topical Report "Extended Passive Cooling and Reactivity Control Methodology," TR-124587-A, Revision 1	ML25132A277	Legal-Affidavit, Letter, Report, Technical, Topical Report	04/29/2025	Publicly Available	05200050
Email Transmitting NRC Form 898 For NuScale Topical Report TR-147121, Rev. 0.	ML25120A246	Email	5/01/2025	Publicly Available	99902078, 05200050
NRC FORM 898 - Completeness Determination For NuScale Topical Report TR-147121, Rev 0, "Supplement 1 to TR-1015-18653-P-A, "Design of the Highly Integrated Protection System Platform"	ML25120A245	Topical Report Evaluation	5/01/2025	Publicly Available	99902078, 05200050
NuScale Power, LLC, Submittal of Approved "-A" Version of Topical Report "Loss-of-Coolant Accident Evaluation Model," TR-0516-49422-A, Revision 5	ML25136A217	Letter, Topical Report	05/16/2025	Publicly Available	05200050
NuScale Power, LLC, Submittal of Approved "-A" Version of Topical Report, TR-0516-49416-A, Revision 5, "Non-Loss-of-Coolant Accident Analysis Methodology"	ML25136A339	Legal-Affidavit, Letter, Topical Report	05/16/2025	Publicly Available	05200050