

U.S. NUCLEAR REGULATORY COMMISSION SUMMARY OF THE AUGUST 23, 2022,
OBSERVATION PUBLIC MEETING TO DISCUSS
TOPICAL REPORT TR-121172, REVISION 0, CARBON FREE POWER PROJECT NUCLEAR
QUALITY ASSURANCE PROGRAM DESCRIPTION, REVISION 002

Meeting Summary

The U.S. Nuclear Regulatory Commission (NRC) held an observation public meeting on August 23, 2022, to discuss the NuScale Power, LLC (NuScale), submittal of topical report (TR), TR-121172, Revision 0, "Carbon Free Power Project (CFPP) Nuclear Quality Assurance Program Description, Revision 002," on behalf of CFPP, LLC. The purpose of the meeting was to obtain clarifying information regarding the TR submitted on July 26, 2022.¹

This virtual meeting had attendees from the NRC, NuScale, CFPP, and CFPP contractors. No members of the public participated in the meeting.

- The NRC staff requested additional information regarding the development of the TR and whether it followed the guidance provided in NUREG-0800 (Standard Review Plan (SRP)) Section 17.5.² The applicant responded that the Quality Assurance Program Description (QAPD) was developed based on the guidance in NEI 11-04, and that a future revision to support the combined license application (COLA) would follow the applicable revision of SRP Section 17.5.³
- The NRC staff noted that limited scope QAPD is applicable to the ongoing site activities; however, these activities are not described in the submittal, nor did the submittal include information on what standards or guidance were applied to these activities. The NRC staff noted that it would be helpful to the staff to have information on what aspects of SRP Section 17.5 apply to the QAPD and the reason why certain aspects of the SRP do not apply.
- The NRC staff referenced one SRP Section 17.5 acceptance criterion regarding a description of the periodic evaluation of significantly delegated activities and the individuals/companies performing these activities. The NRC staff understands that CFPP has contractual agreements with various entities supporting the development of its COLA and noted that this information is not in the submittal and that Figure II.1-1 in the submittal is unreadable to determine which entities support the CFPP activities.

¹ NuScale Power, LLC, Submittal of Topical Report TR-121172, Revision 0, on behalf of CFPP, LLC for "Carbon Free Power Project (CFPP) Nuclear Quality Assurance Program Description," Revision 002, dated July 26, 2022. Agencywide Document Access and Management System (ADAMS) Accession No. ML22207A859.

² U.S. NRC, NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants: LWR Edition," Section 17.5, "Quality Assurance Program Description - Design Certification, Early Site Permit and New License Applicants," Revision 1, ML15037A441.

³ Nuclear Energy Institute (NEI), NEI 11-04, "Nuclear Generation Quality Assurance Program Description (NG QAPD)."

- At the end of the meeting, the NRC staff noted that CFPP has the option to supplement the submittal with the information discussed during the meeting. CFPP proposed that the submittal could be supplemented through a letter addressing the items discussed. The NRC staff does not believe that information in a letter is sufficient to determine that the TR is complete and acceptable for review because the TR is a stand-alone document. The NRC issues NRC Form 898 to communicate its completeness review of submitted TRs including reasons for the determination that the TR is not complete.
- After the conclusion of the meeting, NuScale contacted the NRC project managers and informed them that NuScale plans to submit a supplement to the topical report to facilitate NRC staff's acceptance review of the topical report. NuScale plans to submit the supplemental information by September 22, 2022.