

## Getachew Tesfaye

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**From:** Getachew Tesfaye  
**Sent:** Friday, November 03, 2023 9:21 PM  
**To:** 'Regulatory Affairs'  
**Cc:** 'Griffith, Thomas'; Fairbanks, Elisa; Mahmoud Jardaneh; Thomas Hayden  
**Subject:** Completeness Determination for NuScale Topical Report TR-141299, "NuScale Power Plant Design Capability to Mitigate Beyond-Design-Basis Events Defined by 10 CFR 50.155," Revision 0  
**Attachments:** LTR Completeness Determination Review NRC Form 898 Signed.pdf

Attached please find the completed NRC Form 898 for the U.S. Nuclear Regulatory Commission staff Licensing Topical Report (LTR) Completeness Determination for NuScale Power, LLC Topical Report TR-141299, "NuScale Power Plant Design Capability to Mitigate Beyond-Design-Basis Events Defined by 10 CFR 50.155," Revision 0. The LTR was submitted by letter dated September 11, 2023 (Agencywide Documents Access and Management System [ADAMS] Accession Nos. ML23254A361 [proprietary] and ML23254A360 [nonproprietary]). The NRC staff has reviewed the submitted information and found that it provides sufficient technical information to enable the NRC staff to complete a detailed technical review. However, the staff notes that the LTR does not provide supporting plant-specific thermal analyses or references to such analysis needed to demonstrate capability. As we informed you during a clarification call on October 30, 2023, the staff will address this issue appropriately during the course of its review.

A preliminary review schedule was discussed with your staff, Tom Griffith, on November 2, 2023, and is based on the NRC staff's cursory review for sufficiency and completeness. The NRC staff plans to issue a request for additional information (RAI) by April 30, 2024. NRC staff expects to provide the safety evaluation with no open items to NuScale for proprietary material review by August 31, 2024. The schedule is based on the assumption that the applicant will submit an acceptable response within 30 days of receiving the staff's RAI and no additional rounds of RAIs are needed.

If you have any questions, please feel free to contact me at 301-415-8013.

Getachew Tesfaye, Senior Project Manager  
New Reactor Licensing Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation  
Docket No.: 05200050