

June 21, 2016

Mr. Thomas Bergman, Vice President  
Regulatory Affairs  
NuScale Power, LLC  
1100 NE Circle Blvd., Suite 200  
Corvallis, Oregon 97330

SUBJECT: TRANSMITTAL OF ADDITIONAL ITEMS INCLUDED IN THE DRAFT  
STANDARD INSPECTIONS, TESTS, ANALYSIS, AND ACCEPTANCE  
CRITERIA

Dear Mr. Bergman:

In a letter dated April 8, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff transmitted a set of draft standard inspections, tests, analysis, and acceptance criteria (ITAAC) (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16096A121) that could be used in your future design certification application using the Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants," process. These draft standard ITAAC were discussed in public meetings, and included significant participation from the industry, the Nuclear Energy Institute (NEI), and the NRC staff and management.

Following the transmittal of the draft standard ITAAC, the NRC staff has added two additional ITAAC to the list and has modified the language to provide additional clarifications in three of the previously transmitted ITAAC. The additional ITAAC include M12, "Preoperational Test and Analysis – Safety-Related HVAC Design Temperature Control," and M27, "As-Built Inspection – Installed Configuration." The modified ITAAC are HB3, "As-Built Inspection – Internal Flood Protection/Equipment Submergence," M20, "As-Built Inspection – Crane Single Failure Proof Configuration," and M33, "As-Built Inspection – Spent Fuel Pool Drain Down Prevention." Specific details on these draft standard ITAAC are provided in the enclosure along with the introductory table that provides ITAAC explanations.

T. Bergman

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The NEI has been copied on this letter for their awareness. If you have any questions, please contact Rajender Auluck, Senior Project Manager at (301) 415-1025 or via e-mail address [Rajender.Auluck@nrc.gov](mailto:Rajender.Auluck@nrc.gov) or Greg Cranston, Senior Project Manager, at 301-415-0546 or via e-mail address [Gregory.Cranston@nrc.gov](mailto:Gregory.Cranston@nrc.gov).

Sincerely,  
**/RA/**

Frank Akstulewicz, Director  
Division of New Reactor Licensing  
Office of New Reactors

Enclosure:  
Draft Standard ITAAC Table

cc: NuScale Power LC Listserv  
Russell Bell, Senior Director, NEI

T. Bergman

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The NEI has been copied on this letter for their awareness. If you have any questions, please contact Rajender Auluck, Senior Project Manager at (301) 415-1025 or via e-mail address [Rajender.Auluck@nrc.gov](mailto:Rajender.Auluck@nrc.gov) or Greg Cranston, Senior Project Manager, at 301-415-0546 or via e-mail address [Gregory.Cranston@nrc.gov](mailto:Gregory.Cranston@nrc.gov).

Sincerely,  
/RA/

Frank Akstulewicz, Director  
Division of New Reactor Licensing  
Office of New Reactors

Enclosure:  
Draft Standard ITAAC Table

cc: NuScale Power LC Listserv  
Russell Bell, Senior Director, NEI

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**ADAMS Accession Nos.:**

**ML16160A179 - Pkg**

**ML16160A109 – Letter**

**ML16160A175 - Table**

**\*via email**

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