



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001**

November 4, 2020

Ms. Margaret M. Doane
Executive Director for Operations
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: ACRS REVIEW OF STAFF RESPONSE TO THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS LETTER ON NUSCALE POWER, LLC, AREA OF FOCUS - BORON REDISTRIBUTION

Dear Ms. Doane:

During the 679th meeting of the Advisory Committee on Reactor Safeguards (ACRS), October 8-9, 2020, the Committee considered the staff's August 25, 2020 response to the July 29, 2020 ACRS letter on "NuScale Area of Focus - Boron Redistribution." The Committee disagreed with the staff's response to Conclusions and Recommendations 4, 5, and 6. As stated in our July 29, 2020 letter, "Report on the Safety Aspects of the NuScale Small Modular Reactor," the Committee plans to address the boron redistribution area of focus as part of a future review of a potential license application that references the certified NuScale design or standard design approval.

A response is not requested.

Sincerely,

Matthew W. Sunseri, Chairman

REFERENCES

1. U. S. Nuclear Regulatory Commission, "Response to the Advisory Committee on Reactor Safeguards Letter on NuScale Power, LLC, Report on the Safety Aspects of the NuScale Small Modular Reactor," August 25, 2020 (ML20224A460).
2. U.S. Nuclear Regulatory Commission, "Response to the Advisory Committee on Reactor Safeguards Letter on NuScale Power, LLC, Area of Focus – Boron Redistribution," August 25, 2020 (ML20231A598).
3. Advisory Committee on Reactor Safeguards, "NuScale Area of Focus - Boron Redistribution," July 29, 2020 (ML20210M890).
4. Advisory Committee on Reactor Safeguards, "Report on the Safety Aspects of the NuScale Small Modular Reactor," July 29, 2020 (ML20211M386).
5. J. March-Leuba, "Boron Dilution Events in the NuScale Power Module – Recommendations for Consideration in Reviewing Possible Accidents from Deborated Conditions," October 19, 2020 (ML20290B018).

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