

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

June 5, 2023

Robert Temple General Counsel NuScale Power Corporation 6650 SW Redwood Lane, Suite 210 Portland, OR 97224

> Re: NuScale Power Corporation Registration Statement on Form S-3 Filed on June 1, 2023 File No. 333-272342

Dear Robert Temple:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Jenny O'Shanick at 202-551-8005 with any questions.

Sincerely,

Division of Corporation Finance Office of Manufacturing

cc: Jason Brauser