



DIVISION OF
CORPORATION FINANCE

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

October 5, 2023

Sandra Wallach
Chief Financial Officer
Amprius Technologies, Inc.
1180 Page Avenue
Fremont, CA 94538

Re: Amprius Technologies, Inc.
Registration Statement on Form S-3
Filed October 3, 2023
File No. 333-274834

Dear Sandra Wallach:

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 Alex King at 202-551-8631 with any questions.

Sincerely,

Division of Corporation Finance
Office of Manufacturing

cc: Michael Danaher