



DIVISION OF  
CORPORATION FINANCE

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

April 11, 2023

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

**Re: Amprius Technologies, Inc.**  
**Form S-1 filed on April 5, 2023**  
**File No. 333-271149**

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

Sincerely,

Division of Corporation Finance  
Office of Manufacturing

cc: Austin March