



DIVISION OF  
CORPORATION FINANCE

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

May 5, 2023

Chris Kemp  
Chief Executive Officer  
Astra Space, Inc.  
1900 Skyhawk Street  
Alameda, CA 94501

**Re: Astra Space, Inc.**  
**Registration Statement on Form S-3**  
**Filed May 2, 2023**  
**File No. 333-271589**

Dear Chris Kemp:

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 Cheryl Brown, Staff Attorney, at (202) 551-3905 or Mitchell Austin, Acting Legal Branch Chief, at (202) 551-3574 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Energy & Transportation

cc: Kathryn Gettman