

December 15, 2023

Rick Danis  
General Counsel  
Rigetti Computing, Inc.  
775 Heinz Avenue  
Berkeley, CA 94710

Inc.

Statement on Form S-3

2023

Re: Rigetti Computing,

Registration

Filed December 11,

File No. 333-275988

Dear Rick Danis:

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.

Crispino at 202-551-3456 with any questions.

Please contact Matthew

Sincerely,

Division of Corporation Finance

Office of Technology

cc:

Rupa Briggs