

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

September 29, 2021

Matt Crisp Director Star Peak Corp II 1603 Orrington Avenue, 13th Floor Evanston, Illinois 60201

Re: Star Peak Corp II
Registration Statement on Form S-1
Filed September 21, 2021
File No. 333-259679

Dear Mr. Crisp:

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 Gregory Herbers at 202-551-8028 with any questions.

Sincerely,

Division of Corporation Finance Office of Manufacturing

cc: David Sakowitz