

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

January 12, 2024

Soroush Salehian Dardashti Chief Executive Officer Aeva Technologies, Inc. 555 Ellis Street Mountain View, California 94043

> Re: Aeva Technologies, Inc. Registration Statement on Form S-3 Filed on January 9, 2024 File No. 333-276441

Dear Soroush Salehian Dardashti:

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: Heidi Mayon