

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

November 27, 2024

Paul Dacier President Rain Enhancement Technologies Holdco, Inc. 21 Pleasant Street, Suite 237 Newburyport, MA 01950

Paul Dacier President Rain Enhancement Technologies, Inc. 21 Pleasant Street, Suite 237 Newburyport, MA 01950

Re: Rain Enhancement Technologies Holdco, Inc.
Rain Enhancement Technologies, Inc.
Registration Statement on Form S-4
Filed November 25, 2024
Amendment No. 1 to Registration Statement on Form S-4
Filed November 25, 2024
File No. 333-283425

Dear Paul Dacier and Paul Dacier:

We have reviewed your registration statement and have the following comment.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe a comment applies to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to this letter, we may have additional comments.

Registration Statement on Form S-4

Unaudited Condensed Consolidated Statements of Cash Flows, page F-60

1. We note you present net loss for the nine months ended September 30, 2024 as \$(3,363,774). However, your net loss for the nine months ended September 30, 2024 is \$(2,510,931) in your statements of operations. It appears that the statements of

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operation (your page F-58) for the nine month period ending September 30, 2024 is not accurate. The amounts presented in that statement do not agree to the amounts presented in your pro forma condensed combined statement of operations on page 235. Please revise.

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.

Refer to Rules 460 and 461 regarding requests for acceleration. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Please contact Ryan Rohn at 202-551-3739 or Stephen Krikorian at 202-551-3488 if you have questions regarding comments on the financial statements and related matters. Please contact Marion Graham at 202-551-6521 or Mitchell Austin at 202-551-3574 with any other questions.

Sincerely,

Division of Corporation Finance Office of Technology

cc: Stephen J. Doyle