

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

August 25, 2025

Gary Herman Chief Executive Officer ADVENT TECHNOLOGIES HOLDINGS, INC. 5637 La Ribera St. Suite A Livermore, CA 94550

> Re: ADVENT TECHNOLOGIES HOLDINGS, INC. Registration Statement on Form S-1 Filed August 18, 2025 File No. 333-289686

Dear Gary Herman:

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 Kristin Baldwin at 202-551-7172 with any questions.

Sincerely,

Division of Corporation Finance Office of Manufacturing