

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

June 24, 2025

Steven Reinharz Chief Executive Officer Artificial Intelligence Technology Solutions Inc. 10800 Galaxie Avenue Ferndale, MI 48220

> Re: Artificial Intelligence Technology Solutions Inc. Registration Statement on Form S-1 Filed June 18, 2025 File No. 333-288173

Dear Steven Reinharz:

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 Uwem Bassey at 202-551-3433 or Mitchell Austin at 202-551-3574 with any questions.

Sincerely,

Division of Corporation Finance Office of Technology

cc: Frederick M. Lehrer