



DIVISION OF
CORPORATION FINANCE

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

August 7, 2023

Gregory Swan
Chief Financial Officer
IperionX Limited
129 W Trade Street
Suite 1405
Charlotte, NC 28202

Re: IperionX Limited
Registration Statement on Form F-3
Filed July 28, 2023
File No. 333-273519

Dear Gregory Swan:

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 Claudia Rios, Staff Attorney, at (202) 551-8770 with any questions.

Sincerely,

Division of Corporation Finance
Office of Energy & Transportation

cc: Eric Scarazzo, Esq.