

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

DIVISION OF CORPORATION FINANCE

April 14, 2025

Andrew P. Power Chief Executive Officer Digital Realty Trust, Inc. 2323 Bryan Street, Suite 1800 Dallas, TX 75201

> Re: Digital Realty Trust, Inc. Registration Statement on Form S-3 Filed April 7, 2025 File No. 333-286425

Dear Andrew P. Power:

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 Isabel Rivera at 202-551-3518 with any questions.

Sincerely,

Division of Corporation Finance Office of Real Estate & Construction

cc: Brent T. Epstein