

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

June 11, 2025

Christopher J. Baker President, Chief Executive Officer and Director KLX Energy Services Holdings, Inc. 3040 Post Oak Boulevard, 15th Floor Houston, Texas 77056

> Re: KLX Energy Services Holdings, Inc. Registration Statement on Form S-3 Filed June 4, 2025 File No. 333-287774

Dear Christopher J. Baker:

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 Timothy S. Levenberg at 202-551-3707 with any questions.

Sincerely,

Division of Corporation Finance Office of Energy & Transportation

cc: Katherine T. Frank, Esq., of Vinson & Elkins