

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

October 13, 2022

David L. Lamp President and Chief Executive Officer CVR Energy, Inc. 2277 Plaza Drive, Suite 500 Sugar Land, TX 77479

> Re: CVR Energy, Inc. Form 10-K for Fiscal Year Ended December 31, 2021 Filed February 23, 2022 File No. 001-33492

Dear David L. Lamp:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance Office of Energy & Transportation