

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

February 5, 2025

Kaitlyn Arsenault Chief Financial Officer Skye Bioscience, Inc. 11250 El Camino Real, Suite 100 San Diego, CA 92130

Re: Skye Bioscience, Inc.

Form 10-K for the Fiscal Year Ended December 31, 2023 Form 10-Q for the Quarterly Period Ended September 30, 2024 File No. 000-55136

Dear Kaitlyn Arsenault:

We have completed our review of your filings. 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 Life Sciences