



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

DIVISION OF
CORPORATION FINANCE

September 11, 2019

Brian Dow
Chief Financial Officer
Pulse Biosciences, Inc.
3957 Point Eden Way
Hayward, CA 94545

Re: Pulse Biosciences, Inc.
Form 10-K for the Year Ended December 31, 2018
Filed March 14, 2019
File No. 001-37744

Dear Mr. Dow:

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 Electronics and Machinery