



DIVISION OF
CORPORATION FINANCE

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

August 17, 2023

Timothy T. Goodnow
President and Chief Executive Officer
Senseonics Holdings, Inc.
20451 Seneca Meadows Parkway
Germantown, MD 20876-7005

Re: Senseonics Holdings, Inc.
Registration Statement on Form S-3
Filed August 10, 2023
File No. 333-273882

Dear Timothy T. Goodnow:

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 Margaret Schwartz at 202-551-7153 with any questions.

Sincerely,

Division of Corporation Finance
Office of Industrial Applications and
Services

cc: Darren DeStefano, Esq.