

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

DIVISION OF CORPORATION FINANCE

Mail Stop 3030

May 15, 2018

<u>Via E-mail</u> Chris A. Raanes President & Chief Executive Officer ViewRay, Inc. 2 Thermo Fisher Way Oakwood Village, OH 44146

> Re: ViewRay, Inc. Registration Statement on Form S-3 Filed May 10, 2018 File No. 333-224844

Dear Mr. Raanes:

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 Tom Jones at (202) 551-3602 with any questions.

Sincerely,

/s/ Tom Jones for

Amanda Ravitz Assistant Director Office of Electronics and Machinery

cc: Alan F. Denenberg