

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

October 22, 2020

Ronald F. Dutt Chief Executive Officer Flux Power Holdings, Inc. 2685 S. Melrose Drive Vista, CA 92081

> Re: Flux Power Holdings, Inc. Registration Statement on Form S-3 Filed October 16, 2020 File No. 333-249521

Dear Mr. Dutt:

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 Thomas Jones at 202-551-3602 with any questions.

Sincerely,

Division of Corporation Finance Office of Manufacturing

cc: John P. Yung, Esq.