



DIVISION OF
CORPORATION FINANCE
Mail Stop 3030

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

April 6, 2010

Robin Risser
Advanced Photonix, Inc.
2925 Boardwalk
Ann Arbor, MI 48104

Re: Advanced Photonix, Inc.
Form 10-K for the fiscal year ended March 31, 2009
Filed June 29, 2009
File No. 1-11056

Dear Mr. Risser:

We have completed our review of your Form 10-K and related filings and do not, at this time, have any further comments.

Sincerely,

Brian Cascio
Accounting Branch Chief