



DIVISION OF
CORPORATION FINANCE

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

January 21, 2011

Mr. Terry Wang
Chief Financial Officer
Trina Solar Limited
No. 2 Tian He Road
Electronics Park, New District
Changzhou, Jiangsu 213031
People's Republic of China

Re: Trina Solar Limited
Form 20-F for the Fiscal Year Ended December 31, 2009
Filed March 17, 2010
File No. 001-33195

Dear Mr. Wang:

We have completed our review of your filings and do not have any further comments at this time.

Sincerely,

Kevin L. Vaughn
Accounting Branch Chief