



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

DIVISION OF  
CORPORATION FINANCE

November 8, 2012

Via E-mail

Mr. Jifan Gao, Chairman and Chief Executive Officer  
Trina Solar Ltd.  
No. 2 Tian He Road  
Electronics Park, New District  
Changzhou, Jiangsu 213031  
People's Republic of China

**Re: Trina Solar Ltd.  
Form 20-F for the Fiscal Year Ended December 31, 2011  
Filed March 29, 2012  
File No. 1-33195**

Dear Mr. Gao:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Kevin L. Vaughn

Kevin L. Vaughn  
Accounting Branch Chief