



DIVISION OF  
CORPORATION FINANCE

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

June 30, 2014

Via E-mail

Leon M. Pierhal  
President and CEO  
POET Technologies Inc.  
P.O. Box 555  
Storrs-Mansfield, Connecticut 06268

**Re: POET Technologies Inc.  
Registration Statement on Form 20-F  
Filed January 27, 2014  
File No. 000-55135**

Dear Mr. Pierhal:

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/ Daniel Morris for

Amanda Ravitz  
Assistant Director

cc: (via e-mail): Timothy C. Maguire, Esq.