



DIVISION OF
CORPORATION FINANCE

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

July 6, 2012

Via E-mail

Thomas Patrick Schaeffer
Chief Executive Officer
Oryon Technologies, Inc.
4251 Kellway Circle
Addison, TX 75001

Re: Oryon Technologies, Inc.
Current Report on Form 8-K
Filed May 7, 2012
File No. 001-34212

Dear Mr. Schaeffer:

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/ Larry Spigel

Larry Spigel
Assistant Director