



DIVISION OF
CORPORATION FINANCE

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

Mail Stop 3720

March 5, 2009

Via U.S. Mail and facsimile to (920) 482-1917

Mr. Neal R. Verfuert
President and CEO
Orion Energy Systems, Inc.
1204 Pilgrim Road
Plymouth, WI 53073

Re: Orion Energy Systems, Inc.
Form 10-K for the fiscal year ended March 31, 2008
Filed June 27, 2008
File No. 001-33887

Dear Mr. Verfuert:

We have completed our review of your Form 10-K and have no further comments at this time.

Sincerely,

/s/ Robert Bartelmes for
Larry Spigel
Assistant Director

cc: via facsimile to (414) 297-4900
Steven R. Barth, Esq.
Foley & Lardner LLP