



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

Division of Corporation  
Finance

Mail Stop 4561

February 2, 2010

Via U.S. Mail and Facsimile (240) 497-3001

Mel F. Wesley  
Vice President and Chief Financial Officer  
OPNET Technologies, Inc.  
7255 Woodmont Avenue  
Bethesda, Maryland 20814-7900

**Re: OPNET Technologies, Inc.  
Form 10-K for Fiscal Year Ended March 31, 2009  
Filed June 5, 2009  
File No. 000-30931**

Dear Mr. Wesley:

We have completed our review of your Form 10-K and related filings and have no further comments at this time on the specific issues raised.

Sincerely,

Matthew Crispino  
Attorney-Advisor