



DIVISION OF
CORPORATION FINANCE

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

June 24, 2011

Via Facsimile

Mr. Chris King
Chief Financial Officer
MRV Communications, Inc.
20415 Nordhoff Street
Chatsworth, California 91311

Re: MRV Communications, Inc.
Form 10-K for the year ended December 31, 2010
Filed March 16, 2011
Amendment No. 1 to Form 10-K for the year ended December 31, 2010
Filed May 2, 2011
File No. 001-11174

Dear Mr. King:

We have completed our review of your filings. 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 filings 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 disclosures in the filings to be certain that the filings include the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Jeffrey Jaramillo

Jeffrey Jaramillo
Accounting Branch Chief