



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

DIVISION OF
CORPORATION FINANCE

Mailstop 3233

October 7, 2016

Via E-mail

Mr. Jeffrey S. Finnin
Chief Financial Officer
CoreSite Realty Corporation
1001 17th Street, Suite 500
Denver, CO 80202

Re: CoreSite Realty Corporation
Form 10-K for the fiscal year ended December 31, 2015
Filed February 12, 2016
File No. 001-34877

Dear Mr. Finnin:

We have completed our review of your filings. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

/s/ Eric McPhee

Eric McPhee
Senior Staff Accountant
Office of Real Estate and
Commodities