



DIVISION OF
CORPORATION FINANCE

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

Mail Stop 3233

July 6, 2016

Via E-mail

Mr. Dean A. Shigenaga
Chief Financial Officer
Alexandria Real Estate Equities, Inc.
385 East Colorado Boulevard
Suite 299
Pasadena, CA 91101

Re: Alexandria Real Estate Equities, Inc.
Form 10-K for the Fiscal Year Ended December 31, 2015
Filed February 3, 2016
File No. 1-12993

Dear Mr. Shigenaga:

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/ Daniel L. Gordon

Daniel L. Gordon
Senior Assistant Chief Accountant
Office of Real Estate and
Commodities