



DIVISION OF
CORPORATION FINANCE

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

Mailstop 3233

May 4, 2016

VIA E-MAIL

Mr. Thomas A. Bartlett
Chief Financial Officer
American Tower Corporation
116 Huntington Avenue
Boston, MA 02116

**Re: American Tower Corporation
Form 10-K for the fiscal year ended December 31, 2015
Filed February 26, 2016
File No. 001-14195**

Dear Mr. Bartlett:

We have reviewed your filing and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to these comments within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to these comments, we may have additional comments.

Form 10-K for the fiscal year ended December 31, 2015

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

Results of Operations, page 36

1. In arriving at NAREIT FFO, you start with net income and make an adjustment for dividends on preferred stock. As a result, it appears NAREIT FFO and ultimately AFFO, are attributable to common shareholders instead of all equity holders. Please clarify and/or revise the labeling of your non-GAAP financial measures in future periodic filings to adequately reflect what is being presented.

Mr. Thomas A. Bartlett
American Tower Corporation
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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 Exchange Act rules require. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In responding to our comments, please provide a written statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to 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.

You may contact Jeffrey Lewis, Staff Accountant, at (202) 551-6216 or the undersigned at (202) 551-3468 with any questions.

Sincerely,

/s/ Wilson K. Lee

Wilson K. Lee
Senior Staff Accountant
Office of Real Estate and
Commodities