



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549-7010

January 15, 2009

Ms. Anne H. Lloyd
Chief Financial Officer
Martin Marietta Materials, Inc.
2710 Wycliff Road
Raleigh, North Carolina 27607-3033

Re: Martin Marietta Materials, Inc.
Form 10-K for Fiscal Year Ended December 31, 2007
Filed February 25, 2008
File No. 001-12744

Dear Ms. Lloyd:

We have reviewed your filing and have the following comments. Where indicated, we think you should revise your document in response to these comments. If you disagree, we will consider your explanation as to why our comment is inapplicable or a revision is unnecessary. Please be as detailed as necessary in your explanation. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure. After reviewing this information, we may raise additional comments.

Please understand that the purpose of our review process is to assist you in your compliance with the applicable disclosure requirements and to enhance the overall disclosure in your filing. We look forward to working with you in these respects. We welcome any questions you may have about our comments or any other aspect of our review. Feel free to call us at the telephone numbers listed at the end of this letter.

Schedule 14A filed April 22, 2008

Annual Bonus Compensation, page 25

1. Noting your response to prior comment 8, we again refer you to that comment. If you determine that the required disclosure would cause you competitive harm, Instruction 4 to Item 402(b) of Regulation S-K requires you to "discuss how difficult it will be for the executive or how likely it will be for the registrant to achieve the undisclosed target levels or other factors." We may have additional comments after you provide responsive disclosure.

Closing Comments

As appropriate, please amend your filing and respond to these comments within 10 business days or tell us when you will provide us with a response. You may wish to provide us with marked copies of the amendment to expedite our review. Please furnish a cover letter with your amendment that keys your responses to our comments and provides any requested information. Detailed cover letters greatly facilitate our review. Please understand that we may have additional comments after reviewing your amendment and responses to our comments.

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 all information required under the Securities Exchange Act of 1934 and that they have provided all information investors require for an informed investment decision. 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 connection with responding to our comments, please provide, in writing, a 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.

In addition, please be advised that the Division of Enforcement has access to all information you provide to the staff of the Division of Corporation Finance in our review of your filing or in response to our comments on your filing.

Please contact Tracey L. McNeil at (202) 551-3392 or, in her absence, Timothy S. Levenberg, Special Counsel at (202) 551-3707 with any questions.

Sincerely,

H. Roger Schwall
Assistant Director

cc: Tracey L. McNeil
Timothy S. Levenberg