UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE **SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported) January 31, 2008

Martin Marietta Materials, Inc.

(Exact Name of Registrant as Specified in Its Charter)

North Carolina

(State or Other Jurisdiction of Incorporation)

1-12744

(Commission File Number)

56-1848578

(IRS Employer Identification No.)

2710 Wycliff Road, Raleigh, North Carolina

(Address of Principal Executive Offices)

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

27607 (Zip Code)

(919) 781-4550

(Registrant's Telephone Number, Including Area Code)

Not Applicable

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On January 31, 2008, the Board of Directors of the Corporation elected Michael J. Quillen to serve as a Director of the Corporation, effective February 1, 2008. It is currently anticipated that Mr. Quillen will serve on the Corporation's Finance Committee and Ethics, Environment, Safety and Health Committee.

The Corporation issued a press release on February 1, 2008 announcing the election of Mr. Quillen, which is filed as Exhibit 99.01 to this Report.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

99.01 Press Release dated February 1, 2008, announcing the election of Michael J. Quillen to serve as a Director of the Corporation.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MARTIN MARIETTA MATERIALS, INC.

(Registrant)

Date: February 1, 2008

/s/ Anne H. Lloyd Anne H. Lloyd, By: Senior Vice President and Chief Financial Officer

 Exhibit No.
 Description

 99.01
 Press Release dated February 1, 2008 announcing the election of Michael J. Quillen to serve as a Director of the Corporation.

Martin Marietta Materials

FOR IMMEDIATE RELEASE

Contact:

Anne Lloyd Senior Vice President and Chief Financial Officer (919) 783-4660 <u>www.martinmarietta.com</u>

MARTIN MARIETTA MATERIALS, INC. ANNOUNCES THE ELECTION OF MICHAEL J. QUILLEN TO ITS BOARD OF DIRECTORS

RALEIGH, North Carolina (February 1, 2008) — Stephen P. Zelnak, Jr., Chairman and Chief Executive Officer of Martin Marietta Materials, Inc. (NYSE:MLM), today announced that Mr. Michael J. Quillen has been elected as a member of the Board of Directors of Martin Marietta Materials. Mr. Quillen (59) is Chairman and Chief Executive Officer of Alpha Natural Resources (NYSE: ANR), a company with headquarters in Abingdon, Virginia with approximately \$2 billion in revenues. Alpha Natural Resources is a leading supplier of high-quality Appalachian coal to electric utilities, steel and coke producers, and industrial customers. Alpha is also one of the nation's largest producers and exporters of metallurgical coal, a key ingredient in steel manufacturing. Alpha and its subsidiaries currently operate mining complexes in four states, consisting of 58 mines feeding 11 coal preparation and blending plants.

Mr. Quillen has over 30 years of experience in the coal industry starting as an engineer. He has held senior executive positions in the coal industry throughout his career. His involvement with Alpha began in 2002 when he led its formation along with affiliates of First Reserve Corp., a private equity firm. Under Mr. Quillen's leadership, Alpha acquired coal production and marketing operations in Virginia, West Virginia, Pennsylvania and Kentucky and has become a leading producer of coal.

In addition to his position with Alpha, Mr. Quillen holds, or has held, appointments on the Mine Safety Advisory Board, the Virginia Governor's Energy Policy Advisory Council, the Virginia Community College Board, and the Commission on Transportation in the 21st Century, among other civic duties. The Governor of Virginia recently announced that Mr. Quillen has been appointed to serve on the Virginia Commission on Climate Change. Mr. Quillen holds Bachelor's and Master's degrees in Civil Engineering from Virginia Polytechnic Institute.

Commenting on the election, Zelnak stated, "The Board of Directors of Martin Marietta Materials is extremely pleased to have a person of Mike Quillen's caliber and expertise join our Board. His role as Chairman and Chief Executive Officer of Alpha Natural Resources makes him well-versed in corporate related governance issues. His strong credentials and experience in mining will enable him to make a very meaningful contribution to our Board. In addition, he has considerable experience with the investment community having done the initial public offering of his company. We believe Mr. Quillen will be an important addition to our Board and a great asset in helping Martin Marietta continue to deliver value to our shareholders."

Martin Marietta Materials is a leading producer of construction aggregates and a producer of magnesia-based chemicals and dolomitic lime. For more information about Martin Marietta Materials, refer to the Corporation's Web Site at <u>www.martinmarietta.com</u>.

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