
**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) August 16, 2011

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)

27607
(Zip Code)

(919) 781-4550
(Registrant's Telephone Number, Including Area Code)

Not Applicable
(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:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 8.01 Other Events.

On August 16, 2011, the Corporation received an imminent danger order issued by the Mine Safety and Health Administration under section 107(a) of the Federal Mine Safety and Health Act of 1977 at its Castle Hayne quarry in Castle Hayne, North Carolina. The order stated that a customer truck driver was observed standing on top of the cab protector of his dump truck approximately 11 feet above ground level while in the stockpile area of the quarry. The order further stated that the customer truck driver was not wearing fall protection nor was the truck equipped with hand rails.

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: August 22, 2011

By: /s/ Anne H. Lloyd

Anne H. Lloyd,

Executive Vice President and Chief Financial Officer