

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) October 8, 2013

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))

Item 1.04 Mine Safety — Reporting of Shutdowns and Patterns of Violations.

On October 8, 2013, the Corporation received an order issued by the Mine Safety and Health Administration (“MSHA”) under section 107(a) of the Federal Mine Safety and Health Act of 1977 at its Rock Hill Quarry in Rock Hill, South Carolina. The order stated that a front-end loader was removing shot for production from a bench in the pit. Large boulders were observed halfway up the face over the area the loader was preparing to remove rock material from and were supported only by material immediately below them. The order stated that material being loaded created a hazard of large boulders falling that could strike or fall on the loader and potentially injure the equipment operator. No one was injured in the cited incident. The Corporation took corrective action and the order was terminated.

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: October 15, 2013

By: _____ /s/ Anne H. Lloyd

Anne H. Lloyd

Executive Vice President and Chief Financial Officer