
**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 21, 2014

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

On October 21, 2014, 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 Weeping Water Mine in Weeping Water, Nebraska. The order stated that the size and condition of the pillars in the escape route do not provide the necessary support and allows the potential collapse of the back or loose material in the primary escape route in the mine which is also used to transport fuels and explosives as needed. The order also stated that the lack of ground support exposes miners to fatal crushing injury. No one was injured in the cited incident. The Corporation is taking corrective action.

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 27, 2014

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