
**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): March 7, 2008

Luna Innovations Incorporated

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

000-52008
(Commission File Number)

54-1560050
(IRS Employer
Identification No.)

**1 Riverside Circle, Suite
Roanoke, Virginia 24016**
(Address of principal executive offices, including zip code)

540-769-8400
(Registrant's telephone number, including area code)

(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 (see General Instruction A.2. below):

- 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 5.02. Compensatory Arrangements of Certain Officers.

On March 7, 2008, the Compensation Committee (the “Compensation Committee”) of the Board of Directors of Luna Innovations Incorporated (the “Company”) approved the disbursement of bonuses for 2007 to certain members of the Company’s senior management pursuant to the terms of the Company’s senior management incentive compensation plan (the “Bonus Plan”). Under the terms of the Bonus Plan, a participant is eligible for annual bonus cash payments based upon the Company’s achievement of specified financial goals and the participant’s achievement of certain qualitative objectives. Bonuses are payable if these eligibility requirements are met as determined pursuant to an annual evaluation following the completion of the Company’s fiscal year, which ended December 31.

On March 7, 2008, the Compensation Committee approved an amendment to the Bonus Plan with those Company officers eligible to participate therein whereby portions of the bonuses for those members of senior management would be paid in shares of the Company’s common stock, par value \$0.001 per share (“Common Stock”), in lieu of cash. In particular, the Compensation Committee approved the issuance of 20,349 shares of Common Stock to Dr. Kent A. Murphy, the Company’s Chief Executive Officer; 9,488 shares of Common Stock to Dale E. Messick, the Company’s Chief Financial Officer; 14,677 shares of Common Stock to Scott A. Graeff, the Company’s Chief Commercialization Officer; and 4,916 shares of Common Stock to Robert G. Lenk, President, Luna nanoWorks Division.

The determination of the number of shares of Common Stock issued in lieu of cash bonuses to our senior management was based on the closing market price of the Company’s Common Stock as listed on the NASDAQ Global Market on March 7, 2008.

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.

Luna Innovations Incorporated

By: /s/ Kevin W. Holt

Kevin W. Holt

Vice President and General Counsel

Date: March 12, 2008