FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| gton, D.C. 20549 | OMB APPROVAL |
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| igion, D.C. 20549 | OMB |
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL | | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | |
| Estimated average burden | | | | | | | | |
| hours per response: | 0.5 | | | | | | | |

| 1. Name and Address of Reporting Person* WILLIAMSON JOHN B III | | | | 2. Issuer Name and Ticker or Trading Symbol LUNA INNOVATIONS INC [LUNA] | | | | | | | | | lationship of ck all applica Director | ıble) | g Perso | on(s) to Issu 10% Ov | | |
|--|--|--|---|---|---|--|-------|---|-------|------------------|---|--|---|---|---|--|--|--|
| (Last) | ` | irst) ATIONS INCOF | (Middle) RPORATED | | 3. Date of Earliest Transaction (Month/Day/Year) 07/01/2010 | | | | | | | | Officer (below) | give title | | Other (s below) | pecify | |
| 1 RIVERSIDE CIRCLE, SUITE 400 | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | | |
| (Street) ROANO | KE V | A | 24016 | | Line) X | | | | | | | Form filed by One Reporting Person Form filed by More than One Reportin Person | | | | | | |
| (City) | (S | tate) | (Zip) | | | | | | | | | | | | | | | |
| | | Та | ble I - Non | n-Deriva | ative S | ecurities | s Ac | quired, | Disp | posed o | of, or B | enef | icially | Owned | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | Execution Date, | | e, Transaction Disposed Of (D) Code (Instr. | | | ties Acquired (A) or d Of (D) (Instr. 3, 4 and | | | 5. Amount Securities Beneficial Owned Fo Reported | s For ally (D) ollowing (I) (| | Direct Indirect str. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | Code V Amount (A) or (D) | | | | | or | Price | Transactio (Instr. 3 ar | on(s) | | | inisti. 4) | | | | | | |
| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date if any (Month/Day/Ye | Cod | nsaction le (Instr. | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Ex Expiration (Month/Da | Date | of Securities | | rivative | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securitie Beneficia Owned Following Reported Transact | e s ally g | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | Cod | le V | (A) | (D) | Date Exercisable | | xpiration ate | Title | Nu | ount or nber of ares | | (Instr. 4) | 1011(5) | | |
| Stock Units | (1) | 07/01/2010 | | A | | 2,662.03 | | (2) | | (2) | Commo Stock | n 2,6 | 662.03 | \$0.00 | 3,350 |).1 | D | |

Explanation of Responses:

- 1. Stock units are convertible into issuer's common stock on a 1-for-1 basis.
- 2. Stock units issued under the issuer's Non-Employee Director Deferred Compensation Plan in lieu of cash payment for director fees for the second quarter of 2010 in the amount of \$5,750. The Stock Units become issuable in common stock of the issuer at the election of the reporting person upon the reporting person's termination of service, a change of control of the issuer, an unforeseeable emergency, or a fixed date selected by the reporting person. The number of stock units granted was calculated using the closing price of the issuer's common stock as reported on the NASDAQ Global Market on July 1, 2010.

/s/ Talfourd H. Kemper, Jr., 07/06/2010 Attorney-In-Fact

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.