SEC Form 3

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## **INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB APPROVAL

3235-0104 OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

<u>COOL JONATHAN</u>			2. Date of Event Requiring Statement (Month/Day/Year) 01/12/2010 3. Issuer Name and Ticker or Trading Symbol LUNA INNOVATIONS INC [ LUNA ]							
(Last) (First) (Middle) C/O LUNA INNOVATIONS INCORPORATED					4. Relationship of Reporting Perso (Check all applicable) X Director		n(s) to Issue 10% Owne	(Mo	5. If Amendment, Date of Original Filed (Month/Day/Year)	
1 RIVERSIDE CIRCLE, SUITE 400						Officer (give title below)	Other (spe below)	App	ndividual or Joint/Group Filing (Check vlicable Line) K Form filed by One Reporting Person	
(Street) ROANOKE	VA	24015								/ More than One
(City)	(State)	(Zip)								
Table I - Non-Derivative Securities Beneficially Owned										
1. Title of Security (Instr. 4)						ially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)	
Table II - Derivative Securities Beneficially Owned   (e.g., puts, calls, warrants, options, convertible securities)										
1. Title of Derivative Security (Instr. 4)			2. Date Exercisable and Expiration Date (Month/Day/Year)			3. Title and Amount of Securitie Underlying Derivative Security		4. Conversion or Exercise	5. Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
			Date Exercisable	Expiratior Date	n Title		Amount or Number of Shares	Price of Derivative Security	Direct (D) or Indirect (I) (Instr. 5)	
Stock Option (Right to Buy)		(1)	01/12/2020		Common Stock	120,000	4.43	D		

Explanation of Responses:

1. Of the Shares subject to the Option, 40,000 Shares vest upon the first anniversary and the remaining 80,000 shares will vest in equal monthly installments over the following 24 months.

<u>/s/ Talfourd H. Kemper, Jr.,</u> 04/05/2010 Attorney-In-Fact Date

\*\* Signature of Reporting Person

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 5 (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.