COOL JONATHAN Form 3/A April 15, 2011 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

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X Form filed by One Reporting

Form filed by More than One

Person

Reporting Person

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> COOL JONATHAN	2. Date of Event RequiringStatement(Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol LUNA INNOVATIONS INC [LUNA]			
(Last) (First) (Middle)	01/12/2010	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year) 04/05/2010		
C/O LUNA INNOVATIONS INCORPORATED, 1		(Check all applicable)			
RIVERSIDE CIRCLE, SUITE 400		_X_Director10% Owner OfficerOther			
(Street)		(give title below) (specify below)	6. Individual or Joint/Group Filing(Check Applicable Line)		

ROANOKE, VAÂ 24015

(State)

(City)

Table I - Non-Derivative Securities Beneficially Owned

SEC 1473 (7-02)

1.Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
No Securities Beneficially Owned	0	D	Â

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

(Zip)

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 control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
(Instr. 4)	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial Ownership
	(Month/Day/Year)	Derivative Security	or Exercise	Form of	(Instr. 5)

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			(Instr. 4)		Price of	Derivative
Date Exerci	sable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address		Relationships			
	Director	10% Owner	Officer	Other	
COOL JONATHAN C/O LUNA INNOVATIONS INCORPORATED 1 RIVERSIDE CIRCLE, SUITE 400 ROANOKE, VA 24015	ÂX	Â	Â	Â	
Signatures					
/s/ Talfourd H. Kemper, Jr., Attorney-In-Fact	04/15/201	1			
**Signature of Reporting Person	Date				
Explanation of Responses:					

Explanation of Responses:

* 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. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.