Isabelle Warren John Form 4 July 31, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations

may continue. See Instruction

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person *

(First)

Isabelle Warren John

2. Issuer Name and Ticker or Trading

Symbol

SENESCO TECHNOLOGIES INC

[SNT]

3. Date of Earliest Transaction

(Month/Day/Year)

303 GEORGE STREET, SUITE 420 07/29/2009

(Middle)

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

_X__ Director 10% Owner Officer (give title _ Other (specify below)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

NEW BRUNSWICK, NJ 08901

(State)

(City)	(State) (2	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securities onAcquired (A) or			5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)	, , ,	any (Month/Day/Year)	Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)		Beneficially Owned Following	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	07/29/2009		P	2,222 (1)	A	\$ 0.9	2,222	D	
Common Stock Warrants	07/29/2009		P	2,000 (2)	A	\$0	2,000	D	
Common Stock Warrants	07/29/2009		P	2,028 (2)	A	\$0	4,028	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not

(9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	. 3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	T:41-	or Namel		
						Exercisable	Date	Title	Number		
				C-1- V	(A) (D)				of		
				Code v	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
• 0	Director	10% Owner	Officer	Other		
Isabelle Warren John 303 GEORGE STREET SUITE 420 NEW BRUNSWICK, NJ 08901	X					

Signatures

Warren J.
Isabelle

**Signature of Date

Reporting Person

Explanation of Responses:

- * 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).
- On July 29, 2009, the reporting person entered into a Securities Purchase Agreement to purchase (i) 2,222 shares, (ii) 2,000 shares underlying a warrant with an exercise price of \$0.01, which warrant is exercisable immediately and (iii) 2,028 shares underlying a warrant with an exercise price of \$0.60, which warrant is exercisable six months from the date of issuance. The issuance of the foregoing is subject to stockholder approval and the satisfaction of other customary closing conditions.
- (2) Represents shares of common stock underlying warrants, the issuance of which is subject to shareholder approval and the satisfaction of other customary closing conditions.

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.

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