RECTOR DAVID

Form 4

November 21, 2008

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue.

See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

RECTOR DAVID

2. Issuer Name and Ticker or Trading

Symbol

SENESCO TECHNOLOGIES INC

(Check all applicable)

5. Relationship of Reporting Person(s) to

[SNT]

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

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

303 GEORGE STREET, SUITE 420 11/19/2008

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

Issuer

NEW BRUNSWICK, NJ 08901

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	•	Instr. 3, 4,				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Common Stock Option	\$ 0.6	11/19/2008		A		70,000 (1)		11/19/2008	11/19/2018	Common Stock	70,000
Common Stock Option	\$ 0.6	11/19/2008		A		10,000 (2)		11/19/2008	11/19/2018	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 8	Director	10% Owner	Officer	Other			
RECTOR DAVID 303 GEORGE STREET SUITE 420 NEW BRUNSWICK, NJ 08901	X						

Signatures

David Rector 11/21/2008

**Signature of Reporting Person Date

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).
- Such options were granted to Mr. Rector pursuant to the Company's Stock Incentive Plan, as amended, with one-half of such options vesting on the date of grant and one-half of such options vesting on the first anniversary of the date of grant.
- (2) Such options were granted to Mr. Rector in leiu of cash compensation under the Company's independent director compensation plan with such options vesting on the date of grant.
- (3) Consists of different option grants at different exercise prices and vesting schedules.

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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