Dondero Richard S Form 4 November 21, 2008

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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response...

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Check this box

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

See Instruction

1(b).

(Print or Type Responses)

may continue.

1. Name and Address of Reporting Person * Dondero Richard S

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

SENESCO TECHNOLOGIES INC

(Check all applicable)

[SNT]

(Last) (First) 3. Date of Earliest Transaction

X_ Officer (give title below)

Director

10% Owner Other (specify

(Month/Day/Year) 303 GEORGE STREET, SUITE 420

(Zip)

(Middle)

11/19/2008

below) VP - Research and Development

6. Individual or Joint/Group Filing(Check

(Street) 4. If Amendment, Date Original

(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person

Filed(Month/Day/Year)

(Instr. 8)

Form filed by More than One Reporting

Person

NEW BRUNSWICK, NJ 08901

(State)

(Month/Day/Year)

1. Title of 2. Transaction Date 2A. Deemed

(City)

Security

(Instr. 3)

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of Securities Beneficially Owned

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

(A) Code V Amount (D) Price

(Instr. 3, 4 and 5)

Following Reported Transaction(s)

(Instr. 3 and 4)

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

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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 3. Transaction Date 3A. Deemed Derivative Conversion (Month/Day/Year) Execution Date, if Security or Exercise any

4. 5. Number of 6. Date Exercisable and **Transaction**Derivative **Expiration Date** Code Securities (Month/Day/Year)

7. Title and Amount Underlying Securitie (Instr. 3 and 4)

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(Instr. 3) Price of Derivative Security

(Month/Day/Year) (Instr. 8) Acquired (A) or Disposed of

(D) (Instr. 3, 4, and 5)

(A)

Code V

(D) Date Exercisable Expiration

Title Date

Amour or Numbe

of Shar

Common

Stock \$ 0.6 Option

11/19/2008

80,000 A (1)

11/19/2008(1) 11/19/2018

Common 80,00 Stock

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner

Other

Dondero Richard S **303 GEORGE STREET SUITE 420** NEW BRUNSWICK, NJ 08901

VP - Research and Development

Signatures

Richard S. 11/21/2008 Dondero

**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).

Such options were granted to Mr. Dondero pursuant to the Company's Stock Incentive Plan, as amended, with such options vesting upon the acheivement of certain short term performance milestones for fiscal 2009, the acheivement of which is subject to the determination of

- the Company's Compensation Committee.
- (2) 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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