FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| STATEMENT | OF CHANGES | IN BENEFICIAL | OWNERSHIP |
|------------------|-------------------|---------------|------------------|

OMB APPROVAL

OMB Number: 3235-0287

Estimated average burden hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

| 1. Name and Address of Reporting Person* QUICK THOMAS C | | | | | | 2. Issuer Name and Ticker or Trading Symbol SENESCO TECHNOLOGIES INC [SNT] | | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | |
|--|---|--|---|-----------------|---|--|------------|--------------------------|--|--------|-----------------|--|---|---|---|--|--|---------------------------------------|--|
| (Last) (First) (Middle) 230 COURAGE RD | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 12/16/2003 | | | | | | | | Offi bel | cer (give t ow) | itle | Other (s below) | specify | | |
| (Street) PALM B (City) | BEACH F | | 33480 (Zip) | | 4.1 | If Ame | endment, [| Date o | of Original Fil | led (| Month/Da | ıy/Year) | | ne) X For For | m filed by | One Rep | g (Check Ap orting Perso n One Repo | n | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | Execution Date, | | Code (Instr. 5) | | ed (A) or tr. 3, 4 an | or 5. Amount or Securities Beneficially Owned Follo Reported | | Form y (D) o | n: Direct or Indirect nstr. 4) | 7. Nature of Indirect Beneficial Ownership | | | | | | |
| | | | | | | | | Code V | <i>,</i> | Amount | (A) or (D) | Price | Trans | ted action(s) 3 and 4) | | | (Instr. 4) | | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | Date, | 4. Transactior Code (Instr. 8) | | | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | | 7. Title and Amoun of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price Derivati Security (Instr. 5 | deriva Secul Bene Owne Follor Repo | rities ficially ed wing rted saction(s) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exercisable | | opiration | Title | Amount or Number of Shares | 1 | | | | | |
| Common Stock | \$3.15 | 12/16/2003 | | | A | | 20,000 | | 12/16/2003 | 12 | 2/16/2013 | Common Stock | 20,000 | \$0 | 209 |),053 ⁽²⁾ | D | | |

Explanation of Responses:

- 1. Such options were granted to Mr. Quick pursuant to the Company's 1998 Stock Incentive Plan, as amended (the "Plan"), with one-half of such options vesting on the date of grant and one-half of such options vesting on December 16, 2004.
- 2. Includes warrants to purchase 89,053 shares of common stock, which were previously granted to Mr. Quick outside the Plan, and options to purchase 100,000 shares of common stock, which were previously granted to Mr. Quick under the Plan, with various exercise prices, vesting periods and expiration dates, all of which have been previously reported.

/s/ Thomas Quick

12/16/2003

** Signature of Reporting Person

Date

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 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).

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.