

U.S. SECURITIES AND EXCHANGE COMMISSION  
Washington D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

[ ] 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, Section 17(a) of the  
Public Utility Holding Company  
Act of 1935 or Section 30(f) of  
the Investment Company Act 1940

(Print of Type Responses)

1.Name and Address of Reporting Person*			2.Issuer Name and Ticker or Trading Symbol		6. Relationship of Reporting Person (s) to Issuer (Check all Applicable)	
Thompson, Ph.D. John E.			SENECO TECHNOLOGIES, INC.("SNT") American Stock Exchange		X Director 10% Owner	
(Last) (First) (Middle)			3.IRS Identification Number of Reporting Person, if an entity (voluntary)		4.Statement for Month/ Day/Year 01/07/03	
c/o Senesco Technologies, Inc. 303 George Street, Suite 420					X Officer (give title below) --- Other (Specify below) Executive Vice President of Research and Development	
(Street)					7. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person	
New Brunswick NJ 08901			5.If Amendment, Date of Original (Month/Day/Year)		--- Form filed by More than One Reporting Person	
(City) (State) (Zip)						

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

1.Title of Security (Instr. 3)	2.Trans- action Date (Month/ Day/ Year)	2A.Deemed Execut- ion Date, if any (Month/ Day/ Year)	3.Transac- tion Code (Instr. 8)	4.Security Acquired (A) or Disposed of (D) (Instr. 3, 4 & 5)	5.Amount of Securities Beneficially Owned Follow- ing Reported Transaction(s) (Instr. 3 & 4)	6.Owner- ship Form: Direct(D) or Indir. (I) (Instr.4)	7.Nature of Indirect Ownership (Instr. 4)

Reminder: Report of 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)  
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(over)  
SEC 1474(9-02)

FORM 4 (continued)  
TABLE II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  
(e.g., puts, calls, warrants, options, convertible security)

1.Title of Deriv- ative Security (Instr.3)	2.Conver- sion or Exercise Price of Deriva-	3.Tran- saction Date (Month/ Day/	3A. Deemed Execution Date, if any (Month/	4.Tran- saction Code (Instr.8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D)	6. Date Exercisable and Expiration Date	7.Title and Amount or Underlying Securities (Instr. 3 & 4)	8.Price of Derivative Security (Instr. 5)
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	tive Security	Year)	Day/ Year)			(Instr. 3, 4 and 5)		(Month/Day/ Year)			
				Code	V	(A)	(D)	Date Exercis- able	Expir. Date	Title	Amount or Number of Shares
Common Stock Option(1)	\$2.35	01/07/03	N/A	A		20,000		01/07/04	01/06/13	Common Stock	20,000

9.Number of Derivative Securities Beneficially Owned Following Reported Transactions(s) (Instr. 4)	10. Ownership Form of Derivative Securities Beneficially Owned at End of Month (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
140,000	D	

Explanation of Responses:

(1) Such options were granted to Dr. Thompson pursuant to the Company's 1998 Stock Incentive Plan, as amended, with one-third of such options vesting on January 7, 2004, one-third of such options vesting on January 7, 2005, and one-third of such options vesting on January 7, 2006.

/s/ John E. Thompson, Ph.D.  
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\*\*Signature of Reporting Person

1/07/03  
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Date

\*\* 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.

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