FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPRO	VAL
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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*						2. Issuer Name and Ticker or Trading Symbol VICOR CORP [VICR]									Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner					
(Last) 25 FRO	ast) (First) (Middle) 5 FRONTAGE ROAD				05	3. Date of Earliest Transaction (Month/Day/Year) 05/04/2006									Officer (give title Other (specify below) below)					
(Street) ANDOVER MA 01810 (City) (State) (Zip)					_ 4.1	4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Line) X Form filed by One Form filed by More Person										e Rep	orting Perso	n		
(Oity)	(5			n-Deriv	vative	Se.	curit	ies Ad	cauired	Dis	nosed o	of or B	enef	ciall	v Owner					
1. Title of Security (Instr. 3)				2. Transaction Date (Month/Day/Year)		ar) i	2A. Deemed Execution Date,		3. Transaction Code (Instr.		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4			or	5. Amou Securiti Benefici Owned I	int of es ally Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount	(A) (D)	or P	rice Report Transa (Instr. :		tion(s)			(Instr. 4)	
Common	Stock		05/04/2006					М		2,000) A		\$ <mark>18</mark>	91	91,200		D			
Common	05/04/2006		6			M		1,247	7 A	. \$	\$16.04		2,447		D					
Common	05/04	5/04/2006				M		2,619) A	. :	\$7.15	95	95,066		D					
Common	05/0	04/2006				M		3,906	6 A	. ;	\$9.59	98	98,972		D					
		٦							quired, D s, option						Owned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deeme Execution if any (Month/Da	ed Date,	4. Transaction Code (Instr. 8)		5. Number of		6. Date Exercis: Expiration Date (Month/Day/Yea		able and	7. Title and Amount of Securities Underlying Derivative Sec (Instr. 3 and 4)			8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactic (Instr. 4)	e (es fest f	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisabl		xpiration ate	Title	or	ount nber res						
Non Qualified Stock Option	\$18	05/04/2006			M			2,000	(1)	0	6/27/2006	Commor Stock	2,0	000	\$0	0		D		
Non Qualified Stock Option	\$16.04	05/04/2006			M			1,247	(2)		(3)	Commor Stock	1,2	247	\$0	1,246		D		
Non Qualified Stock Option	\$7.15	05/04/2006			M			2,619	(4)		(3)	Commor Stock	2,6	519	\$0	5,238		D		
Non Qualified	\$9.59	05/04/2006			M			3,906	(4)		(3)	Commor	3.0	906	\$0	5,858		D		

Explanation of Responses:

Option

- 1. Granted under the Company's 1993 Stock Option Plan and vests over a five year period.
- 2. Granted under the Company's 1993 Stock Option Plan and vests over a four year period.
- 3. Each portion of the option expires 30 months after it becomes exercisable.
- 4. Granted under the Company's Amended and Restated 2000 Stock Option and Incentive Plan and vests over a four year period.

/s/Mark A. Glazer, Attorney in 05/05/2006 Fact for David T. Riddiford

** Signature of Reporting Person

Stock

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.