

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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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* <u>Nagel Richard J Jr</u> (Last) (First) (Middle) <u>25 FRONTAGE ROAD</u> (Street) <u>ANDOVER MA 01810</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>05/15/2006</u>	3. Issuer Name and Ticker or Trading Symbol <u>VICOR CORP [vicr]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP-Chief Accounting Officer</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Non Qualified Stock Option	(1)	06/03/2006	Common Stock	1,200	22.875	D	
Non Qualified Stock Option	(1)	03/02/2008	Common Stock	361	28.25	D	
Non Qualified Stock Option	(1)	03/03/2007	Common Stock	176	16.37	D	
Non Qualified Stock Option	(1)	03/03/2007	Common Stock	456	16.37	D	
Non Qualified Stock Option	(1)	03/02/2008	Common Stock	699	28.25	D	
Non Qualified Stock Option	(2)	04/16/2011	Common Stock	794	17.63	D	
Non Qualified Stock Option	(1)	04/12/2010	Common Stock	780	20.5	D	
Non Qualified Stock Option	(2)	04/13/2015	Common Stock	600	9.99	D	
Non Qualified Stock Option	(2)	03/01/2015	Common Stock	800	11.8	D	
Non Qualified Stock Option	(3)	(4)	Common Stock	92	39.94	D	
Non Qualified Stock Option	(5)	(4)	Common Stock	78	43.81	D	
Non Qualified Stock Option	(5)	(4)	Common Stock	50	35.75	D	
Non Qualified Stock Option	(5)	(4)	Common Stock	66	16.43	D	

Explanation of Responses:

- Granted under the Company's 1993 Stock Option Plan and vests over a five year period.
- Granted under the Company's Amended and Restated 2000 Stock Option and Incentive Plan and vests over a five year period.
- Granted under the Company's 1998 Stock Option and Incentive Plan and vests over a four year period.
- Each portion of the option expires 30 months after it becomes exercisable.
- 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 Fact for Richard J. Nagel, Jr. 05/26/2006

** 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 5 (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.