

Vicor Corporation

(Name of Issuer)

Common Capital Stock

(Title of Class of Securities)

925815102

(CUSIP)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 925815102

- 1) Names of Reporting Persons S. S. or I.R.S. Identification Nos. of Above
Persons: The Kaufmann Fund, Inc. TIN # 13-2605091
- 2) Check the Appropriate Box if a Member of a Group
 - (a)
 - (b)
- 3) SEC Use Only: _____
- 4) Citizenship or Place of Organization: United States
 - Number of Shares Beneficially Owned by Each Reporting Person With
 - (5) Sole Voting Power: 2,500,000 shs:
 - (6) Shared Voting Power: N/A
 - (7) Sole Dispositive Power: 2,500,000 shs
 - (8) Shared Dispositive Power: N/A
- 9) Aggregate Amount Beneficially Owned by Each Reporting Person:
2,500,000 shs
- 10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares:
- 11) Percent of Class Represented by Amount in Row 9: 8.22 %
- 12) Type of Reporting Person (See Instructions): IV

Item 1(a)

Name of Issuer: Vicor Corporation

Item 1(b)

Address of Issuer's Principal Executive Office: 23 Frontage Road
Andover, MA 01810

Item 2(a)

Name of Person Filing: The Kaufmann Fund, Inc.

Item 2(b)

Address of Principal Business Office or, if none, Residence: 140 E. 45th Street
, 43rd Floor, New York, NY 10017

Item 2(c)

Citizenship: United States

Item 2(d)

Title of Class of Securities: Common Capital Stock

Item 2(e)

CUSIP Number: 486250103

Item 3

If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b), check whether the person filing is a:

- (a) ___ Broker of Dealer registered under Section 15 of the Act.
- (b) ___ Bank as defined in section 3(a)(6) of the Act.
- (c) ___ Insurance Company as defined in section 3(a)(19) of the Act.
- (d) Investment Company registered under section 8 of the Investment Company Act.
- (e) ___ Investment Adviser registered under section 203 of the Investment Advisers Act of 1940.
- (f) ___ Employee Benefit Plan, Pension Fund which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Section 240.13d-1(b)(1)(ii)(F).
- (g) ___ Parent Holding Company in accordance with Section 240.13d-1(b)(ii)(G) (Note: See Item 7).
- (h) ___ Group, in accordance with Section 240-13d-1(b)(1)(ii)(H).

Item 4

Ownership.

If the percent of the class owned, as of December 31 of the year covered by the statement, or as of the last day of any month described in Rule13d-1(b)(2), if applicable, exceeds five percent, provide the following information as of that date and identify those shares which there is a right to acquire.

- (a) Amount Beneficially Owned: 2,500,000 shs
- (b) Percent of Class: 8.22 %
- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote: 2,500,000 shs
 - (ii) shared power to vote or to direct the vote :N/A
 - (iii) sole power to dispose or to direct the disposition
of: 2,500,000 shs
 - (iv) shared power to dispose or to direct the disposition
of: N/A

Instruction: For computations regarding securities which represent a right to acquire an underlying security see Rule 13d-3(d)(1).

Item 5

Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following ()

Item 6

Ownership of More than Five Percent on Behalf of Another Person. N/A

Item 7

Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company. N/A

Item 8

Identification and Classification of Members of the Group. N/A

Item 9

Notice of Dissolution of Group. N/A

Item 10

Certification.

The following certification shall be included if the statement is filed pursuant to Rule 13d-1(b):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in a transaction having such purposes or effect.

Signature.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 27, 1998

Signature _____

ANTHONY W. TOOGOOD

Name

Vice-President

Title