
FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): July 22, 2004

VICOR CORPORATION
(Exact name of Registrant as specified in charter)

Delaware	0-18277	04-2742817
-----	-----	-----
(State or other jurisdiction of incorporation)	(Commission file number)	(IRS employer identification no.)

25 Frontage Road, Andover, Massachusetts 01810

(Address of principal executive offices) (Zip Code)

(978) 470-2900

(Registrant's telephone number, including area code)

N/A

(Former name, former address and former fiscal year, if changed since last
report)

Item 5. Other Events and Regulation FD Disclosure

On July 22, 2004, Vicor Corporation issued a press release regarding an annual cash dividend. The full text of that press release is attached as Exhibit 99.1 hereto and incorporated by reference herein.

Item 7. Exhibits.

(c) Exhibits. The following exhibit is being furnished herewith:

Exhibit Number	Title
-----	-----

99.1	Vicor's Board of Directors Approves Annual Cash Dividend.
------	---

[Remainder of page left blank intentionally]

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

VICOR CORPORATION

Dated: July 22, 2004

By: /s/ Mark A. Glazer

Name: Mark A. Glazer
Title: Chief Financial Officer

EXHIBIT INDEX

Exhibit Number - - - - -	Title -----
99.1	Vicor Corporation's press release dated July 22, 2004.

Vicor's Board of Directors Approves Annual Cash Dividend

ANDOVER, Mass.--(BUSINESS WIRE)--July 22, 2004--Vicor Corporation (NASDAQ: VICR) today announced that its Board of Directors has approved an annual cash dividend for 2004 of \$.08 per share of the Company's stock.

The dividend is payable on August 31, 2004 to shareholders of record at the close of business on August 11, 2004.

Dividends are declared at the discretion of the Company's Board of Directors and depend on actual cash from operations, the Company's financial condition and capital requirements and any other factors the Company's Board of Directors may consider relevant.

Vicor Corporation designs, develops, manufactures and markets modular power components and complete power systems based upon a portfolio of patented technologies. Headquartered in Andover, Massachusetts, Vicor sells its products primarily to the telecommunications, electronic data processing, industrial control and military electronics markets. For more information on Vicor and its products, please visit the Company's website at www.vicorpower.com.

CONTACT: Vicor Corporation
Mark A. Glazer, 978-470-2900
Chief Financial Officer