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NVE CORP /NEW/  
Form 10QSB  
July 21, 2004

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 10-QSB

(Mark One)

QUARTERLY REPORT UNDER SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE  
ACT OF 1934

For the quarterly period ended June 30, 2004

TRANSITION REPORT UNDER SECTION 13 OR 15(d) OF THE EXCHANGE ACT

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 000-12196

NVE Corporation

(Exact name of small business issuer as specified in its charter)

Minnesota  
(State or other jurisdiction of  
incorporation or organization)

41-1424202  
(IRS Employer  
Identification No.)

11409 Valley View Road, Eden Prairie, Minnesota 55344  
(Address of principal executive offices)

(952) 829-9217  
(Issuer's telephone number)

Check whether the issuer (1) filed all reports required to be filed by  
Section 13 or 15(d) of the Exchange Act during the past 12 months (or for  
such shorter period that the registrant was required to file such reports),  
and (2) has been subject to such filing requirements for the past 90 days.  
Yes  No

State the number of shares outstanding of each of the issuer's classes of  
common equity, as of the latest practicable date:  
Common Stock, \$.01 Par Value - 4,496,595 shares outstanding as of July 19, 2004

Transitional Small Business Disclosure Format (Check one): Yes  No

PART I--FINANCIAL INFORMATION

Item 1. Financial Statements.

NVE CORPORATION  
BALANCE SHEET  
JUNE 30, 2004

Current assets:	
Cash and cash equivalents	\$ 1,098,458
Investment securities	6,346,690

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Accounts receivable, net of allowance for uncollectible accounts of \$15,000	1,950,965
Inventories	1,119,633
Deferred tax asset	250,000
Prepaid expenses and other assets	323,207
	-----
Total current assets	11,088,953
Fixed assets:	
Machinery and equipment	3,585,342
Leasehold improvements	365,187
	-----
	3,950,529
Less accumulated depreciation	2,392,402
	-----
Net fixed assets	1,558,127
	-----
Total assets	\$12,647,080
	=====
LIABILITIES AND SHAREHOLDERS' EQUITY	
Current liabilities:	
Accounts payable	\$ 352,138
Accrued payroll and other	610,536
Deferred revenue	393,136
Capital lease obligations	98,205
	-----
Total current liabilities	1,454,015
Capital lease obligations, less current portion	84,392
	-----
Total liabilities	1,538,407
Shareholders' equity:	
Common stock	44,962
Additional paid-in capital	13,347,683
Accumulated other comprehensive loss	(67,875)
Accumulated deficit	(2,216,097)
	-----
Total shareholders' equity	11,108,673
	-----
Total liabilities and shareholders' equity	\$12,647,080
	=====

SEE ACCOMPANYING NOTES.

NVE CORPORATION  
STATEMENTS OF INCOME  
THREE MONTHS ENDED JUNE 30, 2004 AND 2003

	Three Months Ended June 30	
	2004	2003
	-----	
Revenue:		
Contract research and development	\$ 1,526,087	\$ 1,720,906
Product sales	1,363,140	1,098,943

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Total revenue	2,889,227	2,819,849
Cost of sales	1,625,881	1,908,995
Gross profit	1,263,346	910,854
Expenses:		
Research and development	361,259	178,669
Selling, general & administrative	484,596	450,863
Total expenses	845,855	629,532
Income from operations	417,491	281,322
Interest income	54,869	49,013
Interest expense	(4,457)	(7,691)
Other income	15,768	11,774
Net income	\$ 483,671	\$ 334,418
Net income per share-basic	\$ .11	\$ .08
Net income per share-diluted	\$ .10	\$ .07
Weighted average shares outstanding:		
Basic	4,493,180	4,174,913
Diluted	4,977,489	4,571,254

SEE ACCOMPANYING NOTES.

NVE CORPORATION  
STATEMENTS OF CASH FLOWS  
THREE MONTHS ENDED JUNE 30, 2004 AND 2003

	Three Months Ended June 30 2004	Three Months Ended June 30 2003
OPERATING ACTIVITIES		
Net income	\$ 483,671	\$ 334,418
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	118,587	119,164
Changes in operating assets and liabilities:		
Accounts receivable	(211,486)	(87,380)
Inventories	30,221	(100,399)
Prepaid expenses and other	(26,670)	72,323
Accounts payable and accrued expenses	(76,442)	19,171
Deferred revenue	(31,040)	(11,938)
Net cash provided by operating activities	286,841	345,359

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INVESTING ACTIVITIES		
Purchases of fixed assets	(233,666)	(304,630)
Purchases of investment securities	(19,922)	847,837
	-----	-----
Net cash (used in) provided by investing activities	(253,588)	543,207
FINANCING ACTIVITIES		
Net proceeds from sale of common stock	50,003	8,285
Repayment of capital lease obligations	(40,594)	(37,360)
	-----	-----
Net cash provided by (used in) financing activities	9,409	(29,075)
	-----	-----
Increase in cash and cash equivalents	42,662	859,491
Cash and cash equivalents at beginning of period	1,055,796	595,768
	-----	-----
Cash and cash equivalents at end of period	\$ 1,098,458	\$ 1,455,259
	=====	=====

SEE ACCOMPANYING NOTES.

NVE CORPORATION  
NOTES TO FINANCIAL STATEMENTS  
JUNE 30, 2004

1. INTERIM FINANCIAL INFORMATION

The accompanying unaudited financial statements of NVE Corporation (the "Company") are consistent with accounting principles generally accepted in the United States and reporting with SEC regulations. In the opinion of management, these financial statements reflect all adjustments, consisting only of normal and recurring adjustments, necessary for a fair presentation of the financial statements. Although we believe that the disclosures are adequate to make the information presented not misleading, it is suggested that these condensed financial statements be read in conjunction with the audited financial statements and the notes included in our latest annual financial statements included in our report on Form 10-KSB. The results of operations for the three month period ended June 30, 2004 are not necessarily indicative of the results that may be expected for the full year ending March 31, 2005.

2. NATURE OF BUSINESS

We develop, manufacture, and sell "spintronics" devices, a nanotechnology which relies on electron spin rather than electron charge to acquire, store, and transmit information.

3. REVENUE RECOGNITION

Revenue from product sales is recognized when title transfers, generally upon shipment. Revenue from licensing and technology development programs, which is nonrefundable and for which no significant future obligations exist, is recognized when the license is signed. Revenue from licensing and technology development programs, which is refundable, recoupable against future royalties, or for which future obligations exist, is recognized when we complete our obligations under the terms of the agreements. Revenue from royalties is recognized upon the shipment of product from our technology

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license partners to direct customers. Certain research and development activities are conducted for third parties and such revenue is recognized as the services are performed. Payments received from licensing and technology development programs relating to future obligations as well as prepayments for future discounts on product sales are recorded as deferred revenue.

#### 4. EARNINGS PER SHARE

We calculate our net income per share pursuant to SFAS No. 128, Earnings per Share. Basic earnings per share is computed based upon the weighted average number of common shares issued and outstanding during each year. Diluted net income per share amounts assume conversion, exercise or issuance of all potential common stock instruments (stock options and warrants). Stock options were not included in the computation of diluted earnings per share if the exercise prices of the options were greater than the market price of the common stock.

#### 5. INVESTMENTS

We classify and account for debt and equity securities in accordance with Statement of Financial Accounting Standards (SFAS) No. 115, Accounting for Certain Investments in Debt and Equity Securities. Our entire portfolio consists of government-backed and corporate bonds and is classified as available for sale; thus, securities are recorded at fair market value and any associated unrealized gain or loss, net of tax, is included as a separate component of shareholders' equity, "Accumulated other comprehensive income."

#### 6. COMPREHENSIVE INCOME

The components of comprehensive income are as follows:

	Three months ended	
	June 30 2004	June 30 2003
	-----	-----
Net income	\$ 483,671	\$ 334,418
Change in unrealized gain or loss	(158,245)	27,587
	-----	-----
Comprehensive income	\$ 325,426	\$ 362,005
	=====	=====

#### 7. INVENTORIES

Inventories consist of the following:

Raw materials	\$ 375,510
Work-in-process	544,119
Finished goods	440,004
	-----
	1,359,633
Less obsolescence reserve	(240,000)
	-----
	\$1,119,633
	=====

#### 8. STOCK-BASED COMPENSATION

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We have adopted the disclosure-only provisions of SFAS Nos. 123 and 148, Accounting for Stock-Based Compensation, but apply Accounting Principles Board (APB) Opinion No. 25, Accounting for Stock Issued to Employees, and related interpretations in accounting for our plans. Under APB Opinion No. 25, when the exercise price of employee stock options equals or exceeds the market price of the underlying stock on the date of grant, no compensation expense is recognized.

Pro forma information regarding net income and income per share is required by SFAS Nos. 123 and 148, and has been determined as if we had accounted for our employee stock options under the fair value method. The fair value for these options was estimated at the date of grant using the Black-Scholes option pricing model with the following weighted average assumptions: risk-free interest rate of 3.1% and 2.7% for the three months ended June 30, 2004 and 2003, expected volatility of 55% to 99% and 55% for the three months ended June 30, 2004 and 2003, a weighted average expected life of the options of one to five years, and no dividend yield.

Option valuation models were developed for use in estimating the fair value of traded options, which have no vesting restrictions and are fully transferable. In addition, option valuation models require the input of highly subjective assumptions. Because our employee stock options have characteristics significantly different from those of traded options, and because changes in the subjective input assumptions can materially affect the fair value estimate, in management's opinion, the existing models do not necessarily provide a reliable single measure of the fair value of our employee stock options.

The pro forma information is as follows:

	Three Months Ended June 30 2004	2003
	-----	-----
Net income applicable to common shares:		
As reported	\$ 483,671	\$ 334,418
Pro forma adjustment for stock options	(132,564)	(81,325)
	-----	-----
Pro forma net income	\$ 351,107	\$ 253,093
	=====	=====
Earnings per share:		
Basic - as reported	\$ 0.11	\$ 0.08
Basic - pro forma	\$ 0.08	\$ 0.06
Diluted - as reported	\$ 0.10	\$ 0.07
Diluted - pro forma	\$ 0.07	\$ 0.06

Item 2. Management's Discussion and Analysis or Plan of Operation.

### Forward-looking statements

Some of the statements made in this Quarterly Report on Form 10-QSB constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These statements are subject to the safe harbor provisions of the reform act. Forward-looking statements may be

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identified by the use of the terminology such as may, will, expect, anticipate, intend, believe, estimate, should, or continue or the negatives of these terms or other variations on these words or comparable terminology. To the extent that this Report contains forward-looking statements regarding the financial condition, operating results, business prospects or any other aspect of NVE, you should be aware that our actual financial condition, operating results and business performance may differ materially from that projected or estimated by us in the forward-looking statements. We have attempted to identify, in context, some of the factors that we currently believe may cause actual future experience and results to differ from their current expectations. These differences may be caused by a variety of factors, including but not limited to adverse economic conditions, intense competition, including entry of new competitors, our ability to obtain sufficient financing to support our operations, progress in research and development activities by us and others, variations in costs that are beyond our control, adverse federal, state and local government regulations, unexpected costs, lower sales and net income, or higher net losses than forecasted, price increases for equipment, our dependence on significant suppliers, including Taiwan Semiconductor Manufacturing Corporation for foundry semiconductor wafers, our ability to meet stringent customer technical requirements, our ability to consummate additional license agreements, our ability to continue eligibility for SBIR awards, our inability to raise prices, failure to obtain new customers, the possible fluctuation and volatility of our operating results and financial condition, inability to carry out marketing and sales plans, loss of key executives, and other specific risks included in our most recent Annual Report on Form 10-KSB.

### General

We develop and sell devices using "spintronics," a nanotechnology we helped pioneer, which utilizes electron spin rather than electron charge to acquire, store and transmit information. We are a licensor of spintronic magnetic random access memory technology, commonly referred to as MRAM, which we believe has the potential to revolutionize electronic memory. We also manufacture high-performance spintronic products including sensors and couplers which are used to acquire and transmit data in automated factories.

### Critical accounting policies

It is important to understand our significant accounting policies in order to understand our financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. These accounting principles require us to make estimates and assumptions that affect amounts reported in our financial statements and the accompanying notes. Actual results are likely to differ from those estimates, but we do not believe such differences will materially affect our financial position or results of operations for the periods presented in this report.

### Revenue Recognition

Revenue from product sales is recognized when title transfers, generally upon shipment. Revenue from licensing and technology development programs, which is nonrefundable and for which no significant future obligations exist, is recognized when the license is signed. Revenue from licensing and technology development programs, which is refundable, recoupable against future royalties, or for which future obligations exist, is recognized when we complete our

obligations under the terms of the agreements. Revenue from royalties is recognized upon the shipment of product from our technology license partners to direct customers. Certain research and development activities are conducted for third parties and such revenue is recognized as the services are performed. Payments received from licensing and technology development programs relating to future obligations as well as prepayments for future discounts on product sales are recorded as deferred revenue.

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### Bad Debt

We maintain an allowance for doubtful accounts for estimated losses resulting from the inability of our customers to make required payments. If the financial condition of our customers were to deteriorate resulting in an impairment of their ability to make payments, additional allowances may be required.

### Inventory

We reduce the stated value of our inventory for excess quantities or obsolescence in an amount equal to the difference between the cost of inventory and the estimated market value based upon assumptions about future demand and market conditions. Additional reductions in stated value may be required if actual future demand or market conditions are less favorable than we projected.

### Income Taxes

In determining the carrying value of our net deferred tax assets, we must assess the likelihood of sufficient future taxable income in certain tax jurisdictions, based on estimates and assumptions to realize the benefit of these assets. We evaluate the realizability of the deferred assets quarterly and assess the need for valuation allowances or reduction of existing allowances quarterly.

The table below summarizes the percentage of revenue for the various items for the periods indicated:

	Three Months Ended June 30	
	2004	2003
	-----	-----
Revenue:		
Research and development	52.8 %	61.0 %
Product sales	47.2	39.0
	-----	-----
Total revenue	100.0	100.0
Cost of sales	56.3	67.7
	-----	-----
Gross profit	43.7	32.3
Total expenses	27.0	20.4
	-----	-----
Net income	16.7 %	11.9 %
	=====	=====

Revenue for the three months ended June 30, 2004 (the first quarter of fiscal 2005) was \$2,889,227, an increase of 2% from revenue of \$2,819,849, for the three months ended June 30, 2003 (the first quarter of fiscal 2004). The revenue increase was due to increases in commercial product sales partially offset by a decline in research and development revenue.

Research and development revenue decreased 11% for the three months ended June 30, 2004 to \$1,526,087 from \$1,720,906 for the three months ended June 30, 2003 due to a shift in resources from government-funded research contracts to company-funded research in order to develop new and improved commercial products. Commercial product sales increased 24% to \$1,363,140 from \$1,098,943.



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Gross profit margins increased to 44% for the three months ended June 30, 2004 as compared to 32% for the three months ended June 30, 2003. The increase was due to manufacturing efficiencies on commercial products, and a more favorable mix between product sales and contract research and development.

Research and development expenses increased by 102% to \$361,259 for the three months ended June 30, 2004 as compared to \$178,669 for the three months ended June 30, 2003. The increase was due to shifting resources from government-funded research contracts to company-funded research in order to develop new and improved commercial products.

Selling, general and administrative expenses for the three months ended June 30, 2004 increased by 7% to \$484,596 compared to \$450,863 for the three months ended June 30, 2003. The increase was due to higher intellectual property legal expenses.

Net income totaled \$483,671 for the three months ended June 30, 2004 compared to \$334,418 for the three months ended June 30, 2003. The increase in net income was due to higher gross profit margins partially offset by higher expenses.

### Liquidity and capital resources

At June 30, 2004 we had \$7,445,148 in cash and available-for-sale securities, consisting of marketable fixed-income investments. We believe our working capital is adequate to meet our requirements for at least the next twelve months.

### Outlook

We have been shifting resources from government funded research contracts to company funded research in order to develop new commercial products. This, along with the possibility of increased MRAM development expenses could reduce research and development revenue and increase research and development expenses going forward. We expect this trend to continue in the remainder of fiscal 2005.

Gross profit margins could decrease in fiscal 2005 as competitive pressures could force us to decrease our selling prices.

We expect selling, general and administrative expenses to increase in fiscal 2005 if we rollout MRAM manufactured under our technology agreement with Cypress. We may also increase expenditures relating to MRAM license procurement. Legal expenses relating to enforcing our MRAM intellectual property may also increase. While we expect to remain profitable in the rest of the fiscal year, there is a risk that these additional expenses could lead to lower net income compared to the prior year or operating losses.

Our growth has required expanding our manufacturing capacity. We purchased several new pieces of production equipment in the past quarter. We plan to purchase additional production equipment and expand our clean-room factory in the coming year to support continued growth in product sales, to reduce labor costs and to increase manufacturing yields.

### Item 3. Controls and Procedures.

#### Disclosure Controls and Procedures

The Company's management, with the participation of the Company's Chief

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Executive Officer and Chief Financial Officer, has evaluated the effectiveness of the Company's disclosure controls and procedures (as such term is defined in Rule 13a-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")) as of the end of the period covered by this report. Based on such evaluation, the Company's Chief Executive Officer and Chief Financial Officer have concluded that, as of the end of such period, the Company's disclosure controls and procedures are effective in recording, processing, summarizing and reporting, on a timely basis, information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act.

### Internal Control Over Financial Reporting

There have not been any changes in the Company's internal control over financial reporting (as such term is defined in Rule 13a-15(f) under the Exchange Act) during the quarter ended June 30, 2004 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

## PART II--OTHER INFORMATION

### Item 6. Exhibits and Reports on Form 8-K.

#### (a) Exhibits.

- 31.1 Certification by Daniel A. Baker pursuant to Rule 13a-14(a)/15d-14(a).
- 31.2 Certification by Richard L. George pursuant to Rule 13a-14(a)/15d-14(a).
- 32.1 Certification by Daniel A. Baker pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 32.2 Certification by Richard L. George pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

#### (b) Reports on Form 8-K.

We submitted a Form 8-K with a date of report of April 28, 2004 including our press release reporting summary financial results for the quarter and fiscal year ended March 31, 2004, and a Form 8-K with a date of report of April 30, 2004 including detailed financial statements for the quarter and fiscal year ended March 31, 2004. The information for both Forms was furnished under Item 12, Results of Operations and Financial Condition.

## SIGNATURES

In accordance with the requirements of the Exchange Act, the registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

NVE CORPORATION  
(Registrant)

Date July 21, 2004

/s/ Daniel A. Baker

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Daniel A. Baker  
President and Chief Executive Officer

Date July 21, 2004  
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/s/ Richard L. George  
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Richard L. George  
Chief Financial Officer