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

FORM 10-Q

(MARK ONE)

[X] QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended March 31, 2002 or

[] TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission file number 000-30941

AXCELIS TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

34-1818596

(State or other jurisdiction of incorporation or organization)

(I.R.S. Employer Identification Number)

55 Cherry Hill Drive

Beverly, Massachusetts 01915

(Address of principal executive offices, including zip code)

(978) 787-4000

(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15 (d) of the Securities Exchange Act of 1934 during the preceding 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 [X] NO [].

As of May 13, 2002 there were 97,872,363 shares of the registrant's common stock outstanding.

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

Axcelis Technologies, Inc. Consolidated Statements of Operations

(In thousands, except per share amounts) (Unaudited)

| | Three Months Ended March 31, | |
|--|---------------------------------|-----------|
| | 2002 | 2001 |
| Net sales | \$ 62,085 | \$152,149 |
| Cost of products sold | 46,688 | 88,801 |
| Gross profit | 15,397 | 63,348 |
| Other costs & expenses | | |
| Research & development | 17,712 | 19,262 |
| Selling | 11,238 | 13,380 |
| General & adminstrative | 11,947 | 17,711 |
| Amortization of goodwill & intangible assets | 365 | 2,320 |
| Income (loss) from operations | (25,865) | 10,675 |
| Other income (expense): | | |
| Royalty income | 567 | 2,800 |
| Equity income (loss)of Sumitomo Eaton Nova Corporation | (1,962) | 6,632 |
| Interest income | 957 | 2,377 |
| Interest expense | (1,198) | |
| Other-net | (361) | 5 |
| Total other income (expense) | (1,997) | 11,814 |
| Income (loss) before taxes | (27,862) | 22,489 |
| Income taxes (credit) | (10,031) | 6,298 |
| Net income (loss) | \$(17,831) | \$ 16,191 |
| Basic net income (loss) per share | \$ (0.18) | \$ 0.17 |
| Diluted net income (loss) per share | \$ (0.18) | \$ 0.17 |
| Shares used in computing: | | |
| Basic net income (loss) per share | 97,816 | 97,059 |
| Diluted net income (loss) per share | 97,816 | 97,599 |

Axcelis Technologies, Inc. Consolidated Balance Sheets

(In thousands) (Unaudited)

| | March 31, 2002 | December 31, 2001 |
|--|-------------------|----------------------|
| ASSETS | | |
| Current assets: | | |
| Cash & cash equivalents | \$229,578 | \$124,177 |
| Accounts receivable | 51,687 | 63,057 |
| Inventories | 104,338 | 105,339 |
| Deferred income taxes & other current assets | 30,638 | 18,622 |
| Total current assets | 416,241 | 311,195 |
| Property, plant & equipment, net | 94,195 | 92,618 |
| Investment in Sumitomo Eaton Nova Corporation | 45,802 | 48,183 |
| Goodwill | 39,282 | 39,282 |
| Intangible assets | 14,236 | 14,601 |
| Other assets | 48,365 | 45,517 |
| Total assets | \$658,121 | \$551,396 |
| | | |
| LIABILITIES AND STOCKH | OLDERS' EQUITY | |
| Current liabilities: | | |
| Accounts payable | \$ 30,150 | \$ 32,602 |
| Accrued compensation | 9,716 | 6,966 |
| Warranty reserve | 23,579 | 24,218 |
| Other current liabilities | 18,759 | 20,997 |
| Total current liabilities | 82,204 | 84,783 |
| Long-term debt | 125,000 | _ |
| Other long-term liabilities | 3,726 | 3,752 |
| Stockholders' equity: | 00 | 0.7 |
| Common stock | 98 | 97 |
| Additional paid-in capital | 444,939 | 440,638 |
| Deferred compensation | (1,273) | (1.210) |
| Treasury stock - at cost | (1,218) | (1,218) |
| Retained earnings Accumulated other comprehensive loss | 20,688 | 38,519 |
| Accumulated other comprehensive ioss | (16,043) | (15,175) |
| Total stockholders' equity | 447,191 | 462,861 |
| Total liabilities and stockholders' equity | \$658,121 | \$551,396 |
| | | |

See accompanying notes to consolidated financial statements.

Three Months Ended March 31,

| | 2002 | 2001 |
|---|--------------------|---------------------|
| Operating activities: | | |
| Net income (loss) | \$ (17,831) | \$ 16,191 |
| Adjustments required to reconcile net income (loss) to net cash used | | |
| by operating activities: | | |
| Depreciation | 2,566 | 2,245 |
| Amortization of goodwill & intangible assets | 365 | 2,320 |
| Equity (income) loss of Sumitomo Eaton Nova Corporation | 1,962 | (6,632) |
| Changes in operating assets & liabilities: | | |
| Accounts receivable, net | 11,989 | 22,254 |
| Inventories | 1,595 | 2,335 |
| Other current assets | (12,017) | (489) |
| Accounts payable and other current liabilities | (3,450) | (12,445) |
| Payable to Eaton Corporation | _ | (25,818) |
| Income taxes payable | _ | (23,822) |
| Other assets | 522 | (4,669) |
| Other-net | 269 | 1,085 |
| | | |
| Net cash used by operating activities | (14,030) | (27,445) |
| Investing activities: | | |
| Expenditures for property, plant & equipment | (3,816) | (7,754) |
| Other-net | (327) | |
| Net cash used by investing activities | (4,143) | (7,754) |
| Financing activities: | | |
| Proceeds from long-term debt, net | 121,578 | _ |
| Proceeds from the exercise of stock options | 50 | 153 |
| Issuance of common stock from Employee Stock Purchase Plan | 2,736 | _ |
| Acquisition of treasury shares | _ | (743) |
| Net cash provided (used) by financing activities | 124,364 | (590) |
| Effect of foreign exchange rate changes | (790) | 831 |
| Not increase (decrease) in each & each equivalents | 105,401 | (34,059) |
| Net increase (decrease) in cash & cash equivalents Cash & cash equivalents at beginning of period | 105,401 124,177 | (34,958) 168,157 |
| Casii & Casii equivalents at beginning of period | | |
| Cash & cash equivalents at end of period | \$229,578 | \$133,199 |
| | | |

See accompanying notes to consolidated financial statements.

AXCELIS TECHNOLOGIES, INC. NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited) THREE MONTHS ENDED MARCH 31, 2002

1) Nature of Business and Basis of Presentation

Axcelis Technologies, Inc. ("Axcelis" or the "Company"), is a leading producer of ion implantation, dry strip and photostabilization equipment used in the fabrication of semiconductors in the United States, Europe and Asia Pacific. The Company also produces rapid thermal processing equipment, which is used in semiconductor manufacturing primarily before and after the ion implantation process. In addition, the Company provides extensive aftermarket service and support, including spare parts, equipment upgrades, maintenance services and customer training. The Company has a 50-50 joint venture with Sumitomo Heavy Industries, Ltd. in Japan. This joint venture, which is known as Sumitomo Eaton Nova Corporation, or SEN, licenses technology from the company for ion implantation, has exclusive rights to the territory of Japan and is the leading producer of ion implantation equipment in Japan.

The accompanying unaudited consolidated financial statements have been prepared in accordance with generally accepted accounting principles for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments, which are of a normal recurring nature considered necessary for a fair presentation have been included. Operating results for the three months ended March 31, 2002 are not necessarily indicative of the results that may be expected for the year ended December 31, 2002.

The balance sheet at December 31, 2001 has been derived from the audited financial statements at that date but does not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements.

For furthur information, refer to the consolidated financial statements and footnotes thereto included in Axcelis Technologies, Inc.'s annual report on Form 10-K for the year ended December 31, 2001.

2) Net Income (Loss) Per Share

Basic net income (loss) per share is calculated based on the weighted average shares of common stock outstanding during the period. Diluted net income (loss) per share is calculated based on the weighted average shares of common stock outstanding, plus the dilutive effect of stock options, calculated using the treasury stock method.

3) <u>Comprehensive Income (Loss)</u>

The components of comprehensive income (loss) are as follows (in thousands):

| | Three Months Ended March 31, | |
|---|---------------------------------|---------------------|
| | 2002 | 2001 |
| Net income (loss) Foreign currency translation adjustments | \$(17,831) (868) | \$16,191 (6,260) |
| Comprehensive income (loss) | \$(18,699) | \$ 9,931 |

4) <u>Inventories</u>

Inventories are carried at the lower of cost, determined using the first-in, first out (FIFO) method, or market. The components of inventory were as follows (in thousands):

| | Three Months Ended March 31, | |
|----------------------|---------------------------------|-----------|
| | 2002 | 2001 |
| Raw materials | \$ 71,393 | \$ 75,821 |
| Work-in-process | 11,781 | 8,889 |
| Finished goods | 33,180 | 31,996 |
| | | |
| | 116,354 | 116,706 |
| Inventory allowances | (12,016) | (11,367) |
| | <u> </u> | |
| | \$104,338 | \$105,339 |
| | | |

5) <u>Intangible Assets and Goodwill</u>

The components of intangible assets subject to amortization, which consist principally of purchased patented technology, as of March 31, 2002 are as follows (in thousands).

| Gross carrying amount | \$ 40,000 |
|--------------------------|-----------|
| Accumulated amortization | (25,764) |
| | |
| | \$ 14,236 |
| | |

Aggregate amortization expense for the three months ended March 31, 2002 was \$365,029. Estimated amortization expense for the fiscal year ending December 31, 2002 and for each of the four succeeding fiscal years is \$1,460,116.

During the fiscal first quarter ended March 31, 2002, the Company adopted Statement of Financial Accounting Standard (SFAS) No. 142, "Goodwill and Other Intangible Assets" which eliminates the requirement to amortize

goodwill and indefinite-lived intangible assets, addresses the amortization of intangible assets with a defined life and addresses the impairment testing and recognition for goodwill and intangible assets. The adoption of SFAS No. 142 did not require the recognition of a loss due to goodwill impairment, resulting in no amortization of goodwill during the fiscal first quarter ended March 31, 2002. The Company has also determined that based on an examination of the economic life of its intangible assets as of January 1, 2002, the amortization period for these intangible assets should be approximately ten years from this date.

Had SFAS No. 142 been adopted in the prior year's fiscal quarter ended March 31, 2001, the impact on net income and earnings per share would have been as follows:

| | Three Months Ended March 31, | |
|---|---------------------------------|----------|
| | 2002 | 2001 |
| (000's except for earnings per share amounts) | | |
| Reported net income (loss) | \$(17,831) | \$16,191 |
| Add back: Goodwill amortization | _ | 892 |
| Adjust: Intangible asset amortization | _ | 1,063 |
| | | |
| Adjusted net income (loss) | \$(17,831) | \$18,146 |
| | | |
| Basic and diluted earnings (loss) per share | | |
| Reported net income (loss) | \$ (0.18) | \$ 0.17 |
| Goodwill amortization | | 0.01 |
| Intangible asset amortization | _ | 0.01 |
| Adjusted net income (loss) | \$ (0.18) | \$ 0.19 |

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Certain statements in "Management's Discussion and Analysis of Financial Condition and Results of Operations" are forward-looking statements that involve risks and uncertainties. Words such as may, will, should, would, anticipates, expects, intends, plans, believes, seeks, estimates and similar expressions identify such forward-looking statements. The forward-looking statements contained herein are based on current expectations and entail various risks and uncertainties that could cause actual results to differ materially from those expressed in such forward-looking statements. Factors that might cause such a difference include, among other things, those set forth under "Financial Condition, Liquidity and Capital Resources" and "Risk Factors" included in these sections and those appearing elsewhere in this Form 10-Q. Readers are cautioned not to place undue reliance on these forward-looking statements, which reflect management's analysis only as of the date hereof. The Company assumes no obligation to update these forward-looking statements to reflect actual results or changes in factors or assumptions affecting forward-looking statements.

Overview

We are a leading producer of ion implantation, dry strip and photostabilization equipment used in the fabrication of semiconductors in the United States, Europe and Asia Pacific. We also manufacture rapid thermal processing equipment, which is used in semiconductor manufacturing primarily before and after the ion implantation process. In addition, we provide extensive aftermarket service and support, including spare parts, equipment upgrades, maintenance services and customer training. We have a 50-50 joint venture with Sumitomo Heavy Industries, Ltd. in Japan. This joint venture, which is known as Sumitomo Eaton Nova Corporation, or SEN, licenses technology from us for ion implantation, has exclusive rights to the territory of Japan and is the leading producer of ion implantation equipment in Japan.

Critical Accounting Policies

Management's discussion and analysis of its financial condition and results of operations are based upon Axcelis' consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires management to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosure of contingent assets and liabilities. On an on-going basis, the Company evaluates its estimates, including those related to revenue recognition, income taxes, accounts receivable, inventory and warranty and installation obligations.

Management bases its estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying

values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

The Company believes the following critical accounting policies affect its more significant judgments and estimates used in the preparation of its consolidated financial statements.

Revenue Recognition

The Company recognizes revenue at the time of shipment of the system to the customer. The costs of installation at the customer's site are accrued at the time of shipment. The Company believes the customer's post delivery acceptance provisions and installation process have been established to be routine, commercially inconsequential and perfunctory. In the future, if the post delivery acceptance provisions and installation process become more complex or are not successful, the Company may have to revise its revenue recognition policy, which could affect the timing of revenue recognition.

Deferred Tax Assets

As of March 31, 2002, we have approximately \$44.0 million of deferred tax assets related principally to domestic loss carryforwards that expire in 2021, for which no valuation allowance has been recorded. The realization of these assets is based upon estimates of future taxable income. Projections of future earnings are based on revenue assumptions consistent with industry forecasts for the next five years along with the necessary operating expenses to support our revenue assumptions. Based on these projections, we estimate that the loss carryforwards will be fully utilized within three years. Should our projections not materialize and future taxable losses continue, a valuation allowance of up to \$44.0 million may be required.

Accounts Receivable

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

Inventory

Axcelis records an allowance for estimated excess and obsolete inventory. The allowance is based upon management's assumptions of future materials usage and obsolescence, which are a result of future demand and market conditions. If actual market conditions become less favorable than those projected by management, additional inventory write-downs may be required.

Accrued Warranty and Installation Costs

Axcelis provides for the estimated cost of product warranties and system installations at the time of shipment. The Company's warranty and installation obligation is affected by product failure rates, material usage and service delivery costs incurred in correcting a product failure or installing a system at a customer's site. If actual product failure rates, material usage or service delivery costs differ from management's estimates, revisions to the estimated warranty and installation liability may be required.

Results of Operations

The following table sets forth consolidated statements of operations data expressed as a percentage of net sales for the periods indicated:

| | Three Mon Marc | |
|--|-------------------|---------|
| | 2002 | 2001 |
| Net sales | 100.0 % | 100.0 % |
| Gross profit | 24.8 | 41.6 |
| Other costs and expenses: | | |
| Research & development | 28.5 | 12.7 |
| Selling | 18.1 | 8.8 |
| General & administrative | 19.2 | 11.6 |
| Amortization of goodwill & intangible assets | 0.6 | 1.5 |
| Income (loss) from operations | (41.6) | 7.0 |
| Other income (expense): | | |
| Royalty income | 0.9 | 1.8 |
| Equity income (loss) of SEN | (3.2) | 4.4 |
| Interest income | 1.5 | 1.5 |
| Interest expense | (1.9) | _ |
| Other-net | (0.6) | _ |
| | | |

| Income (loss) before taxes | (44.9) | 14.7 |
|----------------------------|---------|--------|
| Income taxes (credit) | (16.2) | 4.1 |
| Net income (loss) | (28.7)% | 10.6 % |

Net Sales

Net sales were \$62.1 million for the first quarter of fiscal 2002, a decrease of \$90.1 million, or 59.2% as compared to net sales of \$152.1 million for the first quarter of fiscal 2001. The decrease in net sales was attributable to lower levels of capital spending by our semiconductor manufacturing customers resulting in reduced sales of our products and services.

Gross Profit

Gross profit was \$15.4 million in the first quarter of fiscal 2002, a decrease of \$48.0 million or 75.7%, as compared to gross profit of \$63.3 million in the first quarter of 2001. The decrease in gross profit was due mainly to lower sales volume. Gross profit as a percentage of net sales decreased to 24.8% in the first quarter of fiscal 2002 from 41.6% in the first quarter of fiscal 2001. This decrease was due principally to lower manufacturing capacity utilization caused by lower sales volume and an increasing mix of 300 mm sales which currently carry lower average gross margins.

Operating expenses

Operating expenses were 66.4% of net sales for the three months ended March 31, 2002, compared to 34.6% for the three months ended March 31, 2001. The increase is due primarily to lower sales volume. Selling, general and administrative expenses decreased by \$7.9 million versus the first quarter of 2001 due primarily to prior year expenses associated with transitioning to a stand-alone company (\$3.4 million), current year headcount-related reductions (\$2.5 million) and lower expenses incurred in connection with the Company's patent litigation with Applied Materials, Inc. (\$1.8 million). Amortization of goodwill and intangible assets decreased by \$1.9 million due to the application of new accounting regulations related to goodwill and intangible assets. See Note 5 to the consolidated financial statements.

Income (Loss) from Operations

Loss from operations was \$25.9 million for the first quarter of fiscal 2002 as compared to income of \$10.7 million for the first quarter of fiscal 2001, primarily as a result of the factors described above.

Other Income (Expense)

Total other expense was \$2.0 million for the first quarter of fiscal 2002 as compared to income of \$11.8 million for the first quarter of fiscal 2001. Total other income consists primarily of royalty income and equity income from SEN. Royalty income, primarily from SEN, was \$0.6 million for the first quarter of fiscal 2002 as compared to \$2.8 million for the first quarter of fiscal 2001. Equity loss attributable to SEN was \$2.0 million for the first quarter of fiscal 2002 compared to income of \$6.6 million for the first quarter of fiscal 2001. Both decreases in the first quarter of fiscal 2002 were due to lower SEN sales volume due primarily to the downturn in the Japanese semiconductor market. Interest expense for the first quarter of 2002 relates to the Company's \$125 million Convertible Subordinated Note offering in January 2002. See Part II, Item 2. "Changes in Securities and Use of Proceeds".

Income Taxes (Credit)

The Company had an income tax credit of \$10.0 million in the first quarter of fiscal 2002 as compared to income tax expense of \$6.3 million in the first quarter of fiscal 2001. (See the Deferred Tax Asset section under "Critical Accounting Policies"). The effective income tax rate was 36.0% in the first quarter of fiscal 2002 and 28.0% in the first quarter of fiscal 2001. The tax rate in both periods differs from the U.S. statutory rate primarily due to undistributed nontaxable equity income from SEN.

Net Income (Loss)

The Company incurred a net loss of \$17.8 million in the first quarter of fiscal 2002 as compared to net income of \$16.2 million in the first quarter of fiscal 2001, principally as a result of the factors discussed above.

Financial Condition, Liquidity and Capital Resources

As of March 31, 2002, cash and cash equivalents were \$229.6 million, compared with \$124.2 million as of December 31, 2001. The increase in cash and cash equivalents from December 31, 2001 was due mainly to the net proceeds of \$121.6 million received from the Company's convertible subordinated note offering in January 2002 offset by the effect of net losses of \$17.8 million. Net working capital was \$334.0 million at March 31, 2002 as compared to net working capital of \$226.4 million at December 31, 2001.

Net cash used by operating activities was \$14.0 million for the three months ended March 31, 2002 as compared to net cash used of \$27.4 million for the three months ended March 31, 2001. The cash used by operating activities in the first three months of fiscal 2002 was primarily the result of net losses of \$17.8 million offset by non-cash expenses related to depreciation and amortization of \$2.9 million.

Capital expenditures were \$3.8 million in the first three months of fiscal 2002 and \$7.8 million in the first three months of fiscal 2001. The decrease in capital expenditures in the first quarter of fiscal 2002 was principally due to the completion of the Company's addition to its Beverly, Massachusetts facility. The amount of future capital requirements will depend on a number of factors, including the timing and rate of the expansion of our business.

In January 2002, the Company completed an offering of \$125.0 million of 4.25% Convertible Subordinated Notes ("the Notes"), which mature on January 15, 2007. Interest on the Notes is payable on January 15 and July 15 of each year, commencing July 15, 2002. The Notes are convertible into shares of Axcelis common stock at any time prior to the close of business on the maturity date, unless previously redeemed, at a conversion price of \$20.00 per share, subject to certain adjustments. The Notes are redeemable, in whole or in part, at the option of the Company beginning on January 19, 2005 with at least 30 days notice at redemption prices starting at 101.7% and at diminishing prices thereafter, plus accrued interest. The Notes are unsecured and subordinated in right of payment in full to all existing and future senior indebtedness, as defined, of the Company. Expenses associated with the offering of approximately \$3.4 million have been deferred in other assets and are being amortized to other expense using the straight line method, which approximates the effective interest method, over the term of the Notes.

Axcelis' liquidity is affected by many factors. Some of these factors are based on normal operations of the business and others relate to the uncertainties of global economies and the semiconductor equipment industry. Although our cash requirements fluctuate based on the timing and the extent of these factors, we believe that our existing cash and cash equivalents will be sufficient to satisfy our anticipated cash requirements for at least the next twelve months.

Risk Factors

As defined under Safe Harbor provisions of The Private Securities Litigation Reform Act of 1995, some of the matters discussed in this filing contain forward-looking statements regarding future events that are subject to risks and uncertainties. The following factors, among others, could cause actual results to differ materially from those described by such statements. These factors include, but are not limited to: the cyclical nature of the semiconductor industry, our ability to keep pace with rapid technological changes in semiconductor manufacturing processes, the highly competitive nature of the semiconductor equipment industry, quarterly fluctuations in operating results attributable to the timing and amount of orders for our products and services, dependency on SEN (our Japanese joint venture) for access to the Japanese semiconductor equipment market, and those risk factors contained in the section titled "Outlook" and Exhibit 99 of our Form 10-K for the year ended December 31, 2001. If any of those risk factors actually occur, our business, financial condition and results of operations could be seriously harmed and the trading price of our common stock could decline.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

A discussion of market risk exposures is included in our Form 10-K for the year ended December 31, 2001 under Management's Discussion and Analysis - Outlook and Exhibit 99 file therewith. During the first quarter of fiscal 2002, the Company completed an offering of \$125.0 million of 4.25% Convertible Subordinated Notes which mature on January 15, 2007. Due to the fixed interest rate associated with this offering, the Company is not subject to market risk for this debt instrument. See Part II, Item 2 "Changes in Securities and Use of Proceeds". There were no other material changes during the three months ended March 31, 2002.

PART II. OTHER INFORMATION

Item 2. Changes in Securities and Use of Proceeds

On January 15, 2002, we issued certain 4.25% Convertible Subordinated Notes due 2007 (the "Notes") in the aggregate principal amount of \$125,000,000, in a private offering exempt from registration with the Securities and Exchange Commission pursuant to Section 4(2) of the Securities Act because of the nature of the purchasers and the circumstances of the offering. The initial purchasers of the Notes were Morgan Stanley & Co., Incorporated, Salomon Smith Barney Inc. and SG Cowen Securities Corporation. The initial purchasers purchased the shares at a discount of 2.75% to the face amount of the Notes, resulting in net cash to Axcelis, before expenses, of \$121,562,500. The initial purchasers resold the Notes to qualified institutional buyers as defined in the Securities and Exchange Commission's Rule 144A. We intend to use the net proceeds of the offering for working capital and general corporate purposes.

The Notes are convertible at any time through maturity into shares of our common stock at the rate of 50 shares per \$1,000 principal amount of the Notes, subject to adjustment, for an aggregate of 6,250,000 shares (the "Shares"). The Notes and the Shares are subject to transfer restrictions, provided that we have filed a Registration Statement on Form S-3 (file number 333-85214) with the Securities and Exchange Commission on March 29, 2002 to register the resale of the Notes and Shares. We will not receive any proceeds from the resale by the holders of the Notes and Shares.

Item 6. Exhibits and Reports on Form 8-K

a) Exhibits are numbered in accordance with the Exhibit Table of Item 601 of Regulation S-K:

None

b) Reports on Form 8-K

A Current Report on Form 8-K dated January 9, 2002, was filed with the Securities and Exchange Commission on January 15, 2002 relating to our intent to offer Convertible Subordinated Notes due 2007 in a private placement.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

AXCELIS TECHNOLOGIES, INC.

Dated: May 14, 2002

By: /s/ Cornelius F. Moses III

Cornelius F. Moses III Executive Vice President, Chief Financial Officer Duly authorized officer and Principal financial officer