

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

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the quarterly period ended June 30, 2010

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the transition period from ___ to ___

Commission File Number 0-22175



EMCORE Corporation

(Exact name of registrant as specified in its charter)

New Jersey

(State or other jurisdiction of incorporation or organization)

22-2746503

(I.R.S. Employer Identification No.)

10420 Research Road, SE, Albuquerque, New Mexico

(Address of principal executive offices)

87123

(Zip Code)

Registrant's telephone number, including area code: (505) 332-5000

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 No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definition of "large accelerated filer", "accelerated filer", and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one): Large accelerated filer **Accelerated filer** Non-accelerated filer Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

The number of shares outstanding of the registrant's no par value common stock as of October 1, 2010 was 85,100,633.

**CAUTIONARY STATEMENT
FOR PURPOSES OF “SAFE HARBOR PROVISIONS”
OF THE PRIVATE SECURITIES LITIGATION ACT OF 1995**

This Quarterly Report on Form 10-Q includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, and Section 21E of the Exchange Act of 1934. These forward-looking statements are largely based on our current expectations and projections about future events and financial trends affecting the financial condition of our business. Such forward-looking statements include, in particular, projections about our future results included in our Exchange Act reports, statements about our plans, strategies, business prospects, changes and trends in our business and the markets in which the Company operates. These forward-looking statements may be identified by the use of terms and phrases such as “anticipates”, “believes”, “can”, “could”, “estimates”, “expects”, “forecasts”, “intends”, “may”, “plans”, “projects”, “targets”, “will”, and similar expressions or variations of these terms and similar phrases. Additionally, statements concerning future matters such as the development of new products, enhancements or technologies, sales levels, expense levels and other statements regarding matters that are not historical are forward-looking statements. Management cautions that these forward-looking statements relate to future events or our future financial performance and are subject to business, economic, and other risks and uncertainties, both known and unknown, that may cause actual results, levels of activity, performance or achievements of our business or our industry to be materially different from those expressed or implied by any forward-looking statements. Factors that could cause or contribute to such differences in results and outcomes include without limitation those discussed under Item 1A - Risk Factors in our Annual Report on Form 10-K for the fiscal year ended September 30, 2009, as updated by our subsequent periodic reports. The cautionary statements should be read as being applicable to all forward-looking statements wherever they appear in this Quarterly Report and they should also be read in conjunction with the consolidated financial statements, including the related footnotes.

Neither management nor any other person assumes responsibility for the accuracy and completeness of the forward-looking statements. All forward-looking statements in this Quarterly Report are made as of the date hereof, based on information available to us as of the date hereof, and subsequent facts or circumstances may contradict, obviate, undermine, or otherwise fail to support or substantiate such statements. The Company cautions you not to rely on these statements without also considering the risks and uncertainties associated with these statements and our business that are addressed in our Annual Report. Certain information included in this Quarterly Report may supersede or supplement forward-looking statements in our other Exchange Act reports filed with the Securities and Exchange Commission. The Company assumes no obligation to update any forward-looking statement to conform such statements to actual results or to changes in our expectations, except as required by applicable law or regulation.

EMCORE Corporation
FORM 10-Q
For The Quarterly Period Ended June 30, 2010

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PART I. FINANCIAL INFORMATION
ITEM I. Financial Statements

EMCORE CORPORATION
Condensed Consolidated Statements of Operations and Comprehensive Loss
For the three and nine months ended June 30, 2010 and 2009
(in thousands, except loss per share)
(unaudited)

| | Three Months Ended June 30, | | Nine Months Ended June 30, | |
|---|--------------------------------|--------------------|-------------------------------|---------------------|
| | 2010 | 2009 | 2010 | 2009 |
| Product revenue | \$ 43,786 | \$ 37,190 | \$ 131,292 | \$ 129,076 |
| Service revenue | 2,820 | 1,299 | 5,910 | 6,753 |
| Total revenue | <u>46,606</u> | <u>38,489</u> | <u>137,202</u> | <u>135,829</u> |
| Cost of product revenue | 31,675 | 39,880 | 94,544 | 138,666 |
| Cost of service revenue | 2,122 | 1,037 | 4,778 | 5,007 |
| Total cost of revenue | <u>33,797</u> | <u>40,917</u> | <u>99,322</u> | <u>143,673</u> |
| Gross profit (loss) | 12,809 | (2,428) | 37,880 | (7,844) |
| Operating expenses: | | | | |
| Selling, general, and administrative | 14,004 | 10,914 | 35,254 | 35,039 |
| Research and development | 7,147 | 5,654 | 22,256 | 20,655 |
| Impairments | - | 27,000 | - | 60,781 |
| Total operating expenses | <u>21,151</u> | <u>43,568</u> | <u>57,510</u> | <u>116,475</u> |
| Operating loss | (8,342) | (45,996) | (19,630) | (124,319) |
| Other (income) expense: | | | | |
| Interest income | (3) | (3) | (22) | (83) |
| Interest expense | 111 | 105 | 330 | 443 |
| Foreign exchange loss (gain) | 928 | (745) | 1,889 | 635 |
| Change in fair value of financial instruments | (176) | - | 634 | - |
| Cost of financing instruments | 12 | - | 348 | - |
| Impairment of investment | - | - | - | 367 |
| Gain from sale of investments | - | - | - | (3,144) |
| Total other expense (income) | <u>872</u> | <u>(643)</u> | <u>3,179</u> | <u>(1,782)</u> |
| Net loss | <u>\$ (9,214)</u> | <u>\$ (45,353)</u> | <u>\$ (22,809)</u> | <u>\$ (122,537)</u> |
| Foreign exchange translation adjustment | 444 | (131) | 810 | 353 |
| Comprehensive loss | <u>\$ (8,770)</u> | <u>\$ (45,484)</u> | <u>\$ (21,999)</u> | <u>\$ (122,184)</u> |
| Per share data: | | | | |
| Net loss per basic and diluted share | <u>\$ (0.11)</u> | <u>\$ (0.57)</u> | <u>\$ (0.28)</u> | <u>\$ (1.56)</u> |
| Weighted-average number of basic and diluted shares outstanding | <u>84,117</u> | <u>79,700</u> | <u>82,544</u> | <u>78,632</u> |

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

EMCORE CORPORATION
Condensed Consolidated Balance Sheets
As of June 30, 2010 and September 30, 2009
(in thousands)
(unaudited)

| ASSETS | As of June 30, 2010 | As of September 30, 2009 |
|---|---------------------------|--------------------------------|
| Current assets: | | |
| Cash and cash equivalents | \$ 14,404 | \$ 14,028 |
| Restricted cash | 437 | 1,521 |
| Available-for-sale securities | 1,200 | 1,350 |
| Accounts receivable, net of allowance of \$7,601 and \$7,125, respectively | 37,312 | 39,417 |
| Inventory, net | 33,936 | 31,685 |
| Prepaid expenses and other current assets | 4,832 | 4,712 |
| Total current assets | 92,121 | 92,713 |
| Property, plant and equipment, net | 48,675 | 55,028 |
| Goodwill | 20,384 | 20,384 |
| Other intangible assets, net | 11,349 | 12,982 |
| Long-term restricted cash | - | 163 |
| Other non-current assets, net | 672 | 753 |
| Total assets | \$ 173,201 | \$ 182,023 |
| LIABILITIES and SHAREHOLDERS' EQUITY | | |
| Current liabilities: | | |
| Borrowings from credit facility | \$ 10,932 | \$ 10,332 |
| Short-term debt | 679 | 842 |
| Accounts payable | 27,128 | 24,931 |
| Accrued expenses and other current liabilities | 20,311 | 21,883 |
| Total current liabilities | 59,050 | 57,988 |
| Warrant liability | 634 | - |
| Other long-term liabilities | 100 | 104 |
| Total liabilities | 59,784 | 58,092 |
| Commitments and contingencies | | |
| Shareholders' equity: | | |
| Preferred stock, \$0.0001 par, 5,882 shares authorized; no shares outstanding | - | - |
| Common stock, no par value, 200,000 shares authorized; 85,061 shares issued and 84,902 shares outstanding as of June 30, 2010; 80,982 shares issued and 80,823 shares outstanding as of September 30, 2009 | 700,329 | 688,844 |
| Accumulated deficit | (586,374) | (563,565) |
| Accumulated other comprehensive income | 1,545 | 735 |
| Treasury stock, at cost; 159 shares as of June 30, 2010 and September 30, 2009 | (2,083) | (2,083) |
| Total shareholders' equity | 113,417 | 123,931 |
| Total liabilities and shareholders' equity | \$ 173,201 | \$ 182,023 |

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

EMCORE CORPORATION
Condensed Consolidated Statements of Cash Flows
For the nine months ended June 30, 2010 and 2009
(in thousands)
(unaudited)

| | For the Nine Months Ended June 30, | |
|---|---|------------------|
| | 2010 | 2009 |
| Cash flows from operating activities: | | |
| Net loss | \$ (22,809) | \$ (122,537) |
| Adjustments to reconcile net loss to net cash used in operating activities: | | |
| Impairments | - | 60,781 |
| Stock-based compensation expense | 7,344 | 4,975 |
| Depreciation and amortization expense | 9,266 | 12,862 |
| Provision for inventory reserves | 2,332 | 14,934 |
| Provision for doubtful accounts | 1,957 | 4,818 |
| Provision for product warranty | 669 | - |
| Provision for losses on firm commitments | - | 6,524 |
| Impairment of investment | - | 367 |
| Loss on disposal of equipment | 89 | 152 |
| Compensatory stock issuances | 884 | 438 |
| Gain from sale of unconsolidated affiliate | - | (3,144) |
| Change in fair value of financial instruments | 634 | - |
| Cost of financing instruments | 322 | - |
| Total non-cash adjustments | <u>23,497</u> | <u>102,707</u> |
| Changes in operating assets and liabilities: | | |
| Accounts receivable | (1,033) | 13,472 |
| Inventory | (4,594) | 10,201 |
| Other assets | (208) | 1,893 |
| Accounts payable | 2,218 | (30,494) |
| Accrued expenses and other current liabilities | (2,302) | (5,761) |
| Total change in operating assets and liabilities | <u>(5,919)</u> | <u>(10,689)</u> |
| Net cash used in operating activities | <u>(5,231)</u> | <u>(30,519)</u> |
| Cash flows from investing activities: | | |
| Purchase of plant and equipment | (830) | (1,182) |
| Investments in patents | (524) | - |
| Proceeds from the sale of available-for-sale securities | 150 | 2,679 |
| Proceeds from the sale of an unconsolidated affiliate | - | 11,017 |
| Release of restricted cash | 1,246 | 1,893 |
| Net cash provided by investing activities | <u>\$ 42</u> | <u>\$ 14,407</u> |

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

EMCORE CORPORATION
Condensed Consolidated Statements of Cash Flows
For the nine months ended June 30, 2010 and 2009
(in thousands)
(unaudited)

(Continued from previous page)

| | For the Nine Months Ended June 30, | |
|---|---|-----------------|
| | 2010 | 2009 |
| Cash flows from financing activities: | | |
| Net proceeds from borrowings from credit facility | \$ 600 | \$ 4,984 |
| Net (payments on) proceeds from borrowings of short-term debt | (163) | 889 |
| Proceeds from exercise of employee stock options | - | 32 |
| Proceeds from employee stock purchase plan | 990 | 894 |
| Net proceeds from the equity line of credit facility | <u>1,980</u> | <u>-</u> |
| Net cash provided by financing activities | <u>3,407</u> | <u>6,799</u> |
| Effect of foreign currency on cash | <u>2,158</u> | <u>472</u> |
| Net increase (decrease) in cash and cash equivalents | 376 | (8,841) |
| Cash and cash equivalents at beginning of period | <u>14,028</u> | <u>18,227</u> |
| Cash and cash equivalents at end of period | <u>\$ 14,404</u> | <u>\$ 9,386</u> |
| SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION | | |
| Cash paid during the period for interest | <u>\$ 227</u> | <u>\$ 511</u> |
| Cash paid during the period for income taxes | <u>\$ -</u> | <u>\$ -</u> |
| NON-CASH INVESTING AND FINANCING ACTIVITIES | | |
| Issuance of common stock for purchase of assets acquired from Intel Corporation | <u>\$ -</u> | <u>\$ 1,183</u> |
| Issuance of common stock related to equity line of credit facility | <u>\$ 228</u> | <u>\$ -</u> |

The accompanying notes are an integral part of these unaudited condensed consolidated financial statements.

EMCORE Corporation
Notes to Consolidated Financial Statements

NOTE 1. Basis of Presentation

The accompanying unaudited condensed consolidated financial statements include the accounts of EMCORE Corporation and its subsidiaries (the “Company” or “EMCORE”). All intercompany accounts and transactions have been eliminated in consolidation.

These statements have been prepared in accordance with accounting principles generally accepted in the United States of America (“U.S. GAAP”) for interim information, and with the instructions to Form 10-Q and Rule 10-01 of Regulation S-X of the Securities and Exchange Commission (“SEC”). Accordingly, they do not include all of the information and footnotes required by U.S. GAAP for annual financial statements. In the opinion of management, the interim financial statements reflect all normal adjustments that are necessary to provide a fair presentation of the financial results for the interim periods presented. Operating results for interim periods are not necessarily indicative of results that may be expected for an entire fiscal year. The condensed consolidated balance sheet as of September 30, 2009 has been derived from the audited consolidated financial statements as of such date. For a more complete understanding of the Company’s financial position, operating results, risk factors, and other matters, please refer to the Company’s Annual Report on Form 10-K for the fiscal year ended September 30, 2009.

Certain prior period information has been reclassified to conform to this current period’s presentations.

Use of Estimates

The preparation of the consolidated financial statements in conformity with U.S. GAAP requires management of the Company to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities, as of the date of the financial statements, and the reported amounts of revenue and expenses during the reported period. The accounting estimates that require our most significant, difficult, and subjective judgments include:

- valuation of inventory, goodwill, intangible assets, warrants, and stock-based compensation;
- assessment of recovery of long-lived assets;
- revenue recognition associated with the percentage of completion method; and,
- allowance for doubtful accounts and warranty accruals.

Management develops estimates based on historical experience and on various assumptions about the future that are believed to be reasonable based on the best information available. The Company’s reported financial position or results of operations may be materially different under changed conditions or when using different estimates and assumptions, particularly with respect to significant accounting policies. In the event that estimates or assumptions prove to differ from actual results, adjustments are made in subsequent periods to reflect more current information.

Liquidity and Capital Resources

During the three months ended June 30, 2010, the Company incurred a net loss of \$9.2 million. The Company’s operating results for future periods are subject to numerous uncertainties and it is unclear if the Company will be able to reduce or eliminate its net losses for the foreseeable future. In the event that management is not able to increase revenue and/or manage operating expenses in line with revenue forecasts, the Company may not be able to achieve profitability.

As of June 30, 2010, cash, cash equivalents, available-for-sale securities and current restricted cash totaled approximately \$16.0 million. Historically, management has addressed the Company’s liquidity requirements through the combination of cost reduction initiatives, improvements in working capital management, capital markets transactions, and the sale of assets. In fiscal 2010, management continues to remain focused on reducing the amount of cash used from operations while developing additional sources of liquidity. For the nine months ended June 30, 2010, and 2009, the Company consumed cash from operations of approximately \$5.2 million and \$30.5 million, respectively. In fiscal 2010, the consumption of \$5.2 million of cash was entirely related to an increase in components of working capital. The Company consumed less cash from operations when compared to the prior year due to improved operating performance and working capital management. The Company achieved positive cash flow from operations in two of the last four quarters, including the quarters ended September 30, 2009 and March 31, 2010. In the fourth quarter, we expect the Company’s operational performance will improve and cash will be generated through increases in gross margin and improvement in working capital management.

On October 1, 2009, the Company entered into an equity line of credit arrangement with Commerce Court Small Cap Value Fund, Ltd. (“Commerce Court”). Upon issuance of a draw-down request by the Company within the 24-month term of the purchase agreement, Commerce Court has committed to purchase up to \$25 million of the Company’s common stock. See Footnote 3 – Equity Facility for additional information related to this equity line of credit.

We believe that our existing balances of cash, cash equivalents, and available-for-sale securities, together with amounts expected to be available under our revolving credit facility with Bank of America and the equity line of credit agreement with Commerce Court will provide us with sufficient financial resources to meet our cash requirements for operations, working capital, and capital expenditures for the next 12 months. However, in the event of unforeseen circumstances, or unfavorable market or economic developments, the Company may have to raise additional funds by any one or a combination of the following: issuing equity, debt or convertible debt, or selling certain product lines and/or portions of our business. There can be no guarantee that the Company will be able to raise additional funds on terms acceptable to us, or at all. A significant contraction in the capital markets, particularly in the technology sector, may make it difficult for us to raise additional capital if or when it is required, especially if the Company experiences negative operating results. In addition, as a result of the delay in filing this Quarterly Report, we are currently ineligible to register our securities on Form S-3. We may continue to use our currently effective Registration Statement on Form S-3 until we file our next Annual Report on Form 10-K, but during the period in which we are not able to use the registration statement, we may be unable to access financing under our equity line of credit agreement. If adequate capital is not available to us as required, or is not available on favorable terms, our business, financial condition and results of operations may be adversely affected.

Strategic Plan

Due to significant differences in operating strategy between the Company's Fiber Optics and Photovoltaics businesses, the Company's management and Board of Directors believes that they would provide greater value to shareholders if they were operated as two separate business entities. The Company is exploring business strategies to meet the following objectives: 1) creating a low-cost manufacturing base for its Fiber Optics business, 2) separating the Company's Photovoltaics and Fiber Optics businesses to become pure plays in each of the business segments, and 3) providing the Company with improved liquidity to launch its concentrator photovoltaics ("CPV") business.

In furtherance of this strategy, on July 30, 2010, the Company entered into an agreement for the establishment and operation of a joint venture (the "JV Agreement") with San'an Optoelectronics Co., Ltd. ("San'an") for the purpose of engaging in the development, manufacturing, and distribution of CPV receivers, modules, and systems for terrestrial solar power applications under license from the Company.

The JV Agreement provides for the parties to form Suncore Photovoltaics Co., Ltd., a limited liability company ("Suncore"), under the laws of the People's Republic of China. The Company will own a forty percent (40%) ownership interest in Suncore, while San'an will own a sixty percent (60%) interest.

Concurrently with the execution of the JV Agreement, the Company entered into a cooperation agreement (the "Cooperation Agreement") with an affiliate of San'an (the "Affiliate"). The Cooperation Agreement provides for the Company, or a designated affiliate of the Company, to receive an aggregate \$8.5 million in fees, payable over a two-year period following the establishment of Suncore, in connection with the Company's provision of the technology license and related support and strategic consulting services to Suncore. The Company intends to use the fees it receives pursuant to the Cooperation Agreement and assembly and test equipment and inventory assets to fund most of its capital contributions to Suncore. Furthermore, the Cooperation Agreement provides that the Affiliate will provide Suncore with working capital financing in the form of loans and/or guarantees.

Correction of Prior Period Financial Statements

During the third quarter of fiscal 2010, management determined that approximately \$2.5 million of excess and obsolete inventory reserves related to the Company's Fiber Optics segment should have been recorded in the quarter ended September 30, 2009. The financial impact from this error was an overstatement of inventory and understatement of cost of revenue of \$2.5 million in the quarter and year ended September 30, 2009. Accordingly, the condensed consolidated balance sheet as of September 30, 2009 was corrected to reduce inventory by approximately \$2.5 million with a corresponding increase to accumulated deficit. The impact from correcting prior period financial statements resulted in the reduction of cost of revenue of approximately \$1.2 million and \$0.3 million in the quarters ended December 31, 2009 and March 31, 2010, respectively. The Company also recorded a \$0.2 million compensation-related adjustment in the quarter and year ended September 30, 2009. The net effect on net loss per basic and diluted share was (\$0.03) per share for the quarter and year ended September 30, 2009 and \$0.01 per share for the quarters ended December 31, 2009 and March 31, 2010. These corrections had no impact to net cash used in operating activities as reported on the statements of cash flows. The effect of these corrections was not considered material to any previously reported financial statement and these corrections will be made to applicable prior period financial information in future filings with the SEC.

NOTE 2. Recent Accounting Pronouncements

ASC 470 – Debt. On October 1, 2009, the Company adopted new authoritative guidance that requires the proceeds from the issuance of certain convertible debt instruments to be allocated between a liability component (issued at a discount) and an equity component. The resulting debt discount is amortized over the period the convertible debt is expected to be outstanding as additional non-cash interest expense. The change in accounting treatment was effective for the Company beginning in fiscal 2010, and it is required to be applied retrospectively to prior periods. Management is currently assessing the potential impact this new guidance will have on the Company’s fiscal 2008 statement of operations that will be presented in the Company’s 2010 Form 10-K filing. It is not expected to have a significant effect on the fiscal 2008 ending equity account balances or the fiscal 2009 or 2010 financial statements.

ASC 605 – Revenue Recognition. In October 2009, the FASB issued new authoritative guidance on revenue recognition related to arrangements with multiple deliverables that will become effective in fiscal 2011, with earlier adoption permitted. Under the new guidance, when vendor specific objective evidence or third party evidence for deliverables in an arrangement cannot be determined, a best estimate of the selling price is required to separate deliverables and allocate arrangement consideration using the relative selling price method. The new guidance includes new disclosure requirements on how the application of the relative selling price method affects the timing and amount of revenue recognition. Management is currently assessing the potential impact that the adoption of this new guidance could have on the Company’s financial statements.

ASC 805 – Business Combinations. On October 1, 2009, the Company adopted new authoritative guidance which requires an acquirer to recognize the assets acquired, the liabilities assumed, including those arising from contractual contingencies, any contingent consideration, and any noncontrolling interest in the acquiree at the acquisition date, measured at their fair values as of that date, with limited exceptions specified in the statement. It also requires the acquirer in a business combination achieved in stages (sometimes referred to as a step acquisition) to recognize the identifiable assets and liabilities, as well as the noncontrolling interest in the acquiree, at the full amounts of their fair values (or other amounts determined in accordance with this accounting principle). In addition, the accounting principle’s requirement to measure the noncontrolling interest in the acquiree at fair value will result in recognizing the goodwill attributable to the noncontrolling interest in addition to that attributable to the acquirer. ASC 805 also requires the acquirer to recognize changes in the amount of its deferred tax benefits that are recognizable because of a business combination either in income from continuing operations in the period of the combination or directly in contributed capital, depending on the circumstances. It also provides guidance on the impairment testing of acquired research and development intangible assets and assets that the acquirer intends not to use. ASC 805 applies prospectively to business combinations for which the acquisition date is on or after October 1, 2009; therefore, the adoption of ASC 805 did not have any impact on the Company’s historical financial statements.

ASC 810 – Consolidation. – On October 1, 2009, the Company adopted new authoritative guidance which establishes accounting and reporting standards for the noncontrolling interest in a subsidiary and for the deconsolidation of a subsidiary. It also clarifies that a noncontrolling interest in a subsidiary is an ownership interest in the consolidated entity that should be reported as equity in the consolidated financial statements. ASC 810 also changes the way the consolidated income statement is presented by requiring consolidated net income to be reported at amounts that include the amounts attributable to both the parent and the noncontrolling interest. It also requires disclosure, on the face of the consolidated statement of income, of the amounts of consolidated net income attributable to the parent and to the noncontrolling interest. ASC 810 requires that a parent recognize a gain or loss in net income when a subsidiary is deconsolidated and requires expanded disclosures in the consolidated financial statements that clearly identify and distinguish between the interests of the parent owners and the interests of the noncontrolling owners of a subsidiary. The adoption of this new guidance did not have any impact on the Company’s results of operations or financial condition.

NOTE 3. Equity Facility

On October 1, 2009, the Company entered into a common stock purchase agreement (the “Purchase Agreement”) with Commerce Court that sets forth the terms of an equity line of credit. The Purchase Agreement provides that upon certain terms and conditions, and the issuance of a draw-down request by the Company, Commerce Court has committed to purchase up to \$25 million of the Company’s common stock over the 24-month term of the Purchase Agreement; provided, however, in no event may the Company sell more than 15,971,169 shares of common stock under the Purchase Agreement, which is equal to one share less than twenty percent of the Company’s outstanding shares of common stock as of the closing date of the Purchase Agreement, less the number of shares of common stock the Company issued to Commerce Court on the closing date in partial payment of its commitment fee, or more shares that would result in the beneficial ownership or more than 9.9% of the then issued and outstanding shares of our common stock by Commerce Court.

As payment of a portion of Commerce Court’s fees in connection with the Purchase Agreement, the Company issued to Commerce Court, upon the execution of the Purchase Agreement, 185,185 shares of the Company’s common stock and three warrants representing the right to purchase up to an aggregate of 1,600,000 shares of the Company’s common stock, as follows:

- a warrant, pursuant to which Commerce Court may purchase up to 666,667 shares of the Company’s common stock at an exercise price of \$1.69, which is equal to 125% of the average of the volume weighted average price of common stock for the three trading days immediately preceding the execution date of the Purchase Agreement,

- a warrant, pursuant to which Commerce Court may purchase from up to 666,667 shares of the Company's common stock at an exercise price of \$2.02, which is equal to 150% of the average of the volume weighted average price of common stock for the three trading days immediately preceding the execution date of the Purchase Agreement, and
- a warrant, pursuant to which Commerce Court may purchase up to 266,666 shares of the Company's common stock at an exercise price of \$2.36, which is equal to 175% of the average of the volume weighted average price of common stock for the three trading days immediately preceding the execution date of the Purchase Agreement.

The warrants may be exercised at any time or from time to time between April 1, 2010 and April 1, 2015. The warrants may not be offered for sale, sold, transferred or assigned without the Company's consent, in whole or in part, to any person other than an affiliate of Commerce Court. If after April 1, 2010, the Company's common stock trades at a price greater than 140% of the exercise price of any warrant for a period of 10 consecutive trading days and the Company meets certain equity conditions, then the Company has the right to affect a mandatory exercise of such warrant.

From time to time over the term of the Purchase Agreement, and at the Company's sole discretion, the Company may present Commerce Court with draw down notices to purchase common stock over a ten consecutive trading day period or such other period mutually agreed upon by the Company and Commerce Court (the "draw down period") with each draw down subject to limitations based on the price of the Company's common stock and a limit of the amount in the applicable fixed amount request, or 2.5% of the Company's market capitalization at the time of such draw down, whichever is less.

The Company has the right to present Commerce Court with up to 24 draw down notices during the term of the Purchase Agreement, with only one such draw down notice allowed per draw down period with a minimum of five trading days required between each draw down period.

Once presented with a draw down notice, Commerce Court is required to purchase a pro rata portion of the shares on each trading day during the trading period on which the daily volume weighted average price for the common stock exceeds a threshold price determined by the Company for such draw down. The per share purchase price for these shares will equal the daily volume weighted average price of the common stock on each date during the draw down period on which shares are purchased, less a discount of 5%. If the daily volume weighted average price of the common stock falls below the threshold price on any trading day during a draw down period, the Purchase Agreement provides that Commerce Court will not be required to purchase the pro-rata portion of shares of common stock allocated to that day. However, at its election, Commerce Court may buy the pro-rata portion of shares allocated to that day at the threshold price less the discount described above.

The Purchase Agreement also provides that, from time to time and at the Company's sole discretion, the Company may grant Commerce Court the right to exercise one or more options to purchase additional shares of common stock during each draw down period for an amount of shares specified by the Company based on the trading price of the common stock. Upon Commerce Court's exercise of such an option, the Company would sell to Commerce Court the shares of common stock subject to the option at a price equal to the greater of the daily volume weighted average price of the common stock on the day Commerce Court notifies the Company of its election to exercise its option or the threshold price for the option determined by the Company, less a discount calculated in the same manner as it is calculated in the draw down notice.

In addition to the issuance of shares of common stock to Commerce Court pursuant to the Purchase Agreement, a supplement to the Company's shelf registration statement filed with the SEC also covers the sale of those shares from time to time by Commerce Court to the public.

The Company paid \$45,000 of Commerce Court's attorneys' fees and expenses incurred by Commerce Court in connection with the preparation, negotiation, execution and delivery of the Purchase Agreement and related transaction documentation. The Company has also agreed to pay up to \$5,000 in certain fees and expenses incurred by Commerce Court in connection with any amendments, modifications or waivers of the Purchase Agreement, ongoing due diligence of our Company and other transaction expenses associated with fixed requests made by the Company from time to time during the term of the Purchase Agreement, provided that the Company shall not be required to pay any reimbursement for any such expenses in any calendar quarter in which the Company provides a fixed request notice.

If the Company issues a draw down notice and fails to deliver the shares to Commerce Court on the applicable settlement date, and such failure continues for ten trading days, the Company has agreed to pay Commerce Court, at Commerce Court's option, liquidated damages in cash or restricted shares of common stock.

Upon each sale of common stock to Commerce Court under the Purchase Agreement, the Company has also agreed to pay Reedland Capital Partners, an Institutional Division of Financial West Group, a placement fee equal to 1% of the aggregate dollar amount of common stock purchased by Commerce Court.

In addition, as a result of the delay in filing this Quarterly Report, we are currently ineligible to register our securities on Form S-3. We may continue to use our currently effective Registration Statement on Form S-3 until we file our next Annual Report on Form 10-K, but during the period in which we are not able to use the registration statement, we may be unable to access financing under our equity line of credit agreement.

Draw-down Transaction

On March 18, 2010, the Company sold 1,870,042 shares of its common stock to Commerce Court pursuant to the terms of the Purchase Agreement at an average price of approximately \$1.07 per share. The Company received \$2.0 million from the sale of common stock; with the total discount to volume weighted average price calculated on a daily basis totaling \$0.1 million, which was recorded as a non-operating expense within the condensed consolidated statement of operations.

Other Financial Impact

Costs incurred to enter into the equity line of credit facility were expensed as incurred. During the three months ended December 31, 2009, the Company expensed the fair value of the common stock and warrants issued as a non-operating expense within the condensed consolidated statement of operations. On October 1, 2009, the Company recorded \$1.4 million related to the issuance of warrants and \$0.2 million related to the issuance of 185,185 shares of common stock.

The fair value of the common stock was based on a closing price of \$1.23 per share on October 1, 2009. The warrants issued by the Company were classified as a liability since the warrants met the classification requirements for liability accounting in accordance with ASC 815. The fair value of each warrant was estimated using the Black-Scholes option valuation model. The Company expects an impact to the consolidated statement of operations when it records an adjustment to fair value of the warrants at the end of each quarterly reporting period going forward.

As of December 31, 2009, the value of the warrants was estimated to be \$1.1 million using the Black-Scholes option valuation model.

As of March 31, 2010, management changed the warrant valuation method from the Black-Scholes option valuation model to the modified binomial option pricing model which has been recognized as a change in accounting estimate. The valuation model was changed to the modified binomial option pricing model since it allows the valuation of each warrant to factor in the value associated with the Company's right to affect a mandatory exercise of each warrant if the Company's common stock trades at a price greater than 140% of the exercise price of any warrant. As of March 31, 2010, the fair value of the warrants was estimated to be \$0.8 million using the modified binomial option pricing model. As of December 31, 2009, this change in estimate would have resulted in a reduction of \$0.5 million of non-operating expense in that reporting period.

As of June 30, 2010, management changed the warrant valuation method from the modified binomial option pricing model to the Monte Carlo option pricing model which has been recognized as a change in accounting estimate. The valuation model was changed to the Monte Carlo option pricing model since it allows the valuation of each warrant to factor in the value associated with the Company's right to affect a mandatory exercise of each warrant if the Company's common stock trades at a price greater than 140% of the exercise price of any warrant for 10 consecutive trading days. As of June 30, 2010, the fair value of the warrants was estimated to be \$0.6 million using the Monte Carlo option pricing model. As of December 31, 2009, this change in estimate would have resulted in a reduction of \$0.4 million of non-operating expense in that reporting period. As of March 31, 2010, this change in estimate would have resulted in an additional \$18,000 of non-operating expense in that reporting period.

The option pricing models discussed above required the input of highly subjective assumptions, including the warrant's expected life and the price volatility of the underlying stock, as outlined below:

| Assumptions used in the Option Pricing Models | As of October 31, 2009 | As of December 31, 2009 | As of March 31, 2010 | As of June 30, 2010 |
|--|---------------------------------------|------------------------------------|-------------------------------------|------------------------------------|
| Expected dividend yield | -% | -% | -% | -% |
| Expected stock price volatility | 95% | 95% | 96% | 97% |
| Risk-free interest rate | 2.2% | 2.7% | 2.6% | 1.8% |
| Expected term (in years) | 5.5 | 5.25 | 5.0 | 4.75 |

NOTE 4. Equity**Stock Options**

The Company provides long-term incentives to eligible officers, directors, and employees in the form of stock options. Most of the Company's stock options vest and become exercisable over four to five years and have a contractual life of ten years. Certain stock options awarded by the Company are intended to qualify as incentive stock options pursuant to Section 422A of the Internal Revenue Code. The Company issues new shares of common stock to satisfy the issuance of shares under this stock-based compensation plan.

On May 21, 2010, the shareholders of the Company approved the adoption of the Company's 2010 Equity Incentive Plan (the "2010 Equity Plan") and authorized the reservation of 4,000,000 shares of the Company's common stock for issuance under the 2010 Equity Plan. The 2010 Equity Plan replaced the Company's 2000 Stock Option Plan, which expired on February 12, 2010.

As of June 30, 2010, no stock options or shares of restricted stock were granted under the 2010 Equity Plan.

Surrender of Stock Options

On November 20, 2009, the Company's Chief Financial Officer at the time, voluntarily surrendered stock options exercisable into 475,000 shares of common stock. These stock options had an exercise price of \$5.57 and were granted on August 18, 2008. The Chief Financial Officer received no consideration in exchange for the surrender of these stock options. The surrender of his non-vested stock options resulted in an immediate non-cash charge of \$1.3 million, which was recorded in selling, general, and administrative expense during the three months ended December 31, 2009. The expense was due to the acceleration of all unrecognized stock-based compensation expense associated with that specific stock option grant.

The following table summarizes the activity under the Company's 2000 Stock Option Plan:

| | Number of Shares | Weighted Average Exercise Price | Weighted Average Remaining Contractual Life (in years) |
|---|-----------------------------|--|---|
| Outstanding as of September 30, 2009 | 10,788,174 | \$ 4.85 | |
| Granted | 76,500 | 1.07 | |
| Exercised | - | - | |
| Forfeited | (642,915) | 3.60 | |
| Cancelled | (968,128) | 6.79 | |
| Outstanding as of June 30, 2010 | 9,253,631 | \$ 4.69 | 7.16 |
| Exercisable as of June 30, 2010 | 4,436,788 | \$ 5.91 | 5.67 |
| Vested and expected to vest as of June 30, 2010 | 6,098,326 | \$ 5.09 | 6.49 |

As of June 30, 2010, there was approximately \$3.8 million of total unrecognized compensation expense related to non-vested stock-based compensation arrangements granted under the 2000 Stock Option Plan. This expense is expected to be recognized over an estimated weighted average life of 2.5 years.

Intrinsic value for stock options represents the "in-the-money" portion or the positive variance between a stock option's exercise price and the underlying stock price. There were no stock options exercised during the three or nine months ended June 30, 2010. The total intrinsic value related to stock options exercised during the nine months ended June 30, 2009 totaled approximately \$10,000. The intrinsic value related to fully vested and expected to vest stock options as of June 30, 2010 totaled approximately \$5,000 and the intrinsic value related to exercisable stock options as of June 30, 2010 was approximately \$3,000.

| Exercise Price of Stock Options | Number of Stock Options Outstanding | | | Options Exercisable | |
|---------------------------------|-------------------------------------|---|---------------------------------|---------------------|---------------------------------|
| | Number Outstanding | Weighted-Average Remaining Contractual Life (years) | Weighted-Average Exercise Price | Number Exercisable | Weighted-Average Exercise Price |
| <\$5.00 | 4,740,908 | 7.48 | \$ 1.92 | 1,568,495 | \$ 2.96 |
| >=\$5.00 to <\$10.00 | 4,478,623 | 6.83 | 7.56 | 2,850,493 | 7.49 |
| =>\$10.00 | 34,100 | 6.78 | 11.25 | 17,800 | 11.17 |
| Total | 9,253,631 | 7.16 | \$ 4.69 | 4,436,788 | \$ 5.91 |

Stock-based compensation expense is measured at the stock option grant date, based on the fair value of the award, and is recorded to cost of sales; sales, general, and administrative; and research and development expense based on an employee's responsibility and function over the requisite service period. Management has made an estimate of expected forfeitures and recognizes compensation expense only for those equity awards expected to vest.

The effect of recording stock-based compensation expense was as follows:

| (in thousands, except per share data) | For the Three Months Ended June 30, | | For the Nine Months Ended June 30, | |
|--|-------------------------------------|-----------|------------------------------------|-----------|
| | 2010 | 2009 | 2010 | 2009 |
| Stock-based compensation expense by award type: | | | | |
| Employee stock options | \$ 1,994 | \$ 1,072 | \$ 6,927 | \$ 4,413 |
| Employee stock purchase plan | 101 | 206 | 417 | 562 |
| Total stock-based compensation expense | \$ 2,095 | \$ 1,278 | \$ 7,344 | \$ 4,975 |
| Net effect on net loss per basic and diluted share | \$ (0.02) | \$ (0.02) | \$ (0.09) | \$ (0.06) |

Valuation Assumptions

The fair value of each stock option grant is estimated on the date of grant using the Black-Scholes option valuation model and the straight-line attribution approach using the following weighted-average assumptions. The option-pricing model requires the input of highly subjective assumptions, including the option's expected life and the price volatility of the underlying stock. There were no stock options granted during the three months ended June 30, 2010. The weighted-average grant date fair value of stock options granted during the nine months ended June 30, 2010 was \$0.77. The weighted average grant date fair value of stock options granted during the three and nine months ended June 30, 2009 was \$0.99 and \$0.92, respectively.

| Assumptions used in Black-Scholes Option Valuation Model | For the Three Months Ended June 30, | | For the Nine Months Ended June 30, | |
|--|-------------------------------------|--------|------------------------------------|--------|
| | 2010 | 2009 | 2010 | 2009 |
| Expected dividend yield | - | - | - | - |
| Expected stock price volatility | -% | 147.7% | 97.1% | 187.6% |
| Risk-free interest rate | -% | 2.4% | 2.4% | 2.4% |
| Expected term (in years) | - | 6.2 | 4.6 | 5.8 |
| Estimated pre-vesting forfeitures | -% | 31.9% | 32.7% | 31.9% |

Expected Dividend Yield: The Black-Scholes valuation model calls for a single expected dividend yield as an input. The Company has not issued any dividends.

Expected Stock Price Volatility: The fair values of stock-based payments were valued using the Black-Scholes valuation method with a volatility factor based on the Company's historical stock price.

Risk-Free Interest Rate: The Company bases the risk-free interest rate used in the Black-Scholes valuation method on the implied yield that was currently available on U.S. Treasury zero-coupon notes with an equivalent remaining term. Where the expected term of stock-based awards do not correspond with the terms for which interest rates are quoted, the Company performed a straight-line interpolation to determine the rate from the available maturities.

Expected Term: Expected term represents the period that the Company's stock-based awards are expected to be outstanding and was determined based on historical experience of similar awards, giving consideration to the contractual terms of the stock-based awards, vesting schedules and expectations of future employee behavior as influenced by changes to the terms of its stock-based awards.

Estimated Pre-vesting Forfeitures: When estimating forfeitures, the Company considers voluntary termination behavior as well as workforce reduction programs.

Warrants

As of June 30, 2010, the Company had 3,000,003 warrants outstanding.

On October 1, 2009, the Company entered into an equity line of credit arrangement with Commerce Court Small Cap Value Fund, Ltd. wherein the Company issued to Commerce Court three warrants representing the right to purchase up to an aggregate of 1,600,000 shares of the Company's common stock. See Footnote 3 – Equity Facility for additional information related to the warrants issued with this equity facility.

In February 2008, the Company issued 1,400,003 warrants in conjunction with a private placement transaction. The warrants grant the holder the right to purchase one share of the Company's common stock at a price of \$15.06 per share. The warrants are immediately exercisable and remain exercisable until February 20, 2013. Beginning two years after their issuance, the warrants may be called by the Company for a price of \$0.01 per underlying share if the closing price of its common stock has exceeded 150% of the exercise price for at least 20 trading days within a period of any 30 consecutive trading days and other certain conditions are met. In addition, in the event of certain fundamental transactions, principally the purchase of the Company's outstanding common stock for cash, the holders of the warrants may demand that the Company purchase the unexercised portions of their warrants for a price equal to the Black-Scholes Value of such unexercised portions as of the time of the fundamental transaction. Warrants issued to the investors were accounted for as an equity transaction with a value of \$9.8 million recorded to common stock.

Employee Stock Purchase Plan

The Company maintains an Employee Stock Purchase Plan ("ESPP") that provides employees of the Company an opportunity to purchase common stock through payroll deductions. The ESPP is a 6-month duration plan with new participation periods beginning the first business day of January and July of each year. The purchase price is set at 85% of the average high and low market price of the Company's common stock on either the first or last day of the participation period, whichever is lower, and contributions are limited to the lower of 10% of an employee's compensation or \$25,000. The Company issues new shares of common stock to satisfy the issuance of shares under this stock-based compensation plan.

The amounts of shares issued for the ESPP are as follows:

| | Number of Common Stock Shares | Purchase Price per Share of Common Stock |
|--|--|---|
| Amount of shares reserved for the ESPP | 4,500,000 | |
| Number of shares issued for calendar years 2000 through 2007 | (1,123,857) | \$ 1.87 - \$40.93 |
| Number of shares issued for calendar year 2008 | (592,589) | \$ 0.88 - \$ 5.62 |
| Number of shares issued for calendar year 2009 | (1,073,405) | \$ 0.88 - \$ 0.92 |
| Number of shares issued for calendar year 2010 | (651,700) | \$ 0.74 |
| Remaining shares reserved for the ESPP | <u>1,058,449</u> | |

Future Issuances

As of June 30, 2010, the Company had reserved a total of 17.3 million shares of its common stock for future issuances as follows:

| | Number of Common Stock Shares Available for Future Issuances |
|--|---|
| For exercise of outstanding common stock options | 9,253,631 |
| For future issuances to employees under the ESPP | 1,058,449 |
| For future common stock option or restricted stock awards under the 2010 Equity Incentive Plan | 4,000,000 |
| For future exercise of warrants | 3,000,003 |
| Total reserved | 17,312,083 |

NOTE 5. Receivables

The components of accounts receivable consisted of the following:

| <i>(in thousands)</i> | As of June 30, 2010 | As of September 30, 2009 |
|---------------------------------|------------------------------------|-------------------------------------|
| Accounts receivable | \$ 36,782 | \$ 40,474 |
| Accounts receivable – unbilled | 8,131 | 6,068 |
| Accounts receivable, gross | 44,913 | 46,542 |
| Allowance for doubtful accounts | (7,601) | (7,125) |
| Accounts receivable, net | <u>\$ 37,312</u> | <u>\$ 39,417</u> |

The Company records revenue from certain solar panel and solar power systems contracts using the percentage-of-completion method. The term of the contracts associated with this type of receivable usually exceed a period of one year. As of June 30, 2010, the Company had \$15.6 million of accounts receivable recorded using the percentage of completion method. Of this amount, \$7.9 million was invoiced and \$7.7 million was unbilled as of June 30, 2010. Unbilled accounts receivable represents revenue recognized but not yet billed or accounts billed after the period ended. Billings on contracts using the percentage-of-completion method usually occur upon completion of predetermined contract milestones or other contract terms, such as customer approval. During the three months ended June 30, 2010, the Company recorded a \$2.4 million reserve on accounts receivable related to a solar power system contract that management had uncertainty about its total collectibility. The allowance for doubtful accounts specifically related to receivables recorded using the percentage-of-completion method totaled \$4.5 million as of June 30, 2010. The allowance is based on the age of receivables and a specific identification of receivables considered at risk of collection.

All of the Company's accounts receivable as of June 30, 2010 is expected to be collected within the next twelve months.

The following table summarizes the changes in the allowance for doubtful accounts:

| <i>(in thousands)</i> | For the Nine Months Ended June 30, | |
|---|---|-----------------|
| | 2010 | 2009 |
| Balance at beginning of period | \$ 7,125 | \$ 2,377 |
| Provision adjustment – expense, net of recoveries | 1,957 | 4,818 |
| Adjustments against receivables or provisions | (1,481) | 125 |
| Balance at end of period | <u>\$ 7,601</u> | <u>\$ 7,320</u> |

NOTE 6. Inventory

Inventory is stated at the lower of cost or market, with cost being determined using the standard cost method that includes material, labor, and manufacturing overhead costs, which approximates weighted average cost. The components of inventory consisted of the following:

| <i>(in thousands)</i> | As of June 30, 2010 | As of September 30, 2009 |
|-----------------------|------------------------------------|---|
| Raw materials | \$ 24,746 | \$ 27,607 |
| Work in-process | 6,781 | 6,496 |
| Finished goods | <u>13,509</u> | <u>9,998</u> |
| Inventory, gross | 45,036 | 44,101 |
| Valuation reserve | <u>(11,100)</u> | <u>(12,416)</u> |
| Inventory, net | <u>\$ 33,936</u> | <u>\$ 31,685</u> |

The following table summarizes the changes in the valuation allowance accounts:

| <i>(in thousands)</i> | For the Nine Months Ended June 30, | |
|---|---|------------------|
| | 2010 | 2009 |
| Balance at beginning of period | \$ 12,416 | \$ 12,990 |
| Provision adjustment – expense | 2,332 | 14,934 |
| Adjustments against inventory or provisions | (3,648) | (14,270) |
| Balance at end of period | <u>\$ 11,100</u> | <u>\$ 13,654</u> |

NOTE 7. Property, Plant, and Equipment

The components of property, plant, and equipment consisted of the following:

| <i>(in thousands)</i> | As of June 30, 2010 | As of September 30, 2009 |
|---|------------------------------------|-------------------------------------|
| Land | \$ 1,502 | \$ 1,502 |
| Building and improvements | 34,854 | 34,922 |
| Equipment | 99,775 | 98,693 |
| Furniture and fixtures | 3,065 | 3,065 |
| Computer hardware and software | 2,648 | 2,660 |
| Leasehold improvements | 884 | 1,094 |
| Construction in progress | 2,856 | 3,031 |
| Property, plant and equipment, gross | 145,584 | 144,967 |
| Accumulated depreciation and amortization | (96,909) | (89,939) |
| Property, plant and equipment, net | <u>\$ 48,675</u> | <u>\$ 55,028</u> |

As of June 30, 2010 and September 30, 2009, the Company did not have any significant capital lease agreements.

Depreciation expense was \$2.3 million and \$7.1 million for the three and nine months ended June 30, 2010, respectively.

Depreciation expense was \$3.2 million and \$9.6 million for the three and nine months ended June 30, 2009, respectively.

NOTE 8. Goodwill

As of September 30, 2009, the Company performed an impairment test on its goodwill based on revised operational and cash flow forecasts. The impairment testing indicated that no impairment existed and that fair value exceeded carrying value by approximately 40%. As of December 31, 2009, the Company performed an annual impairment test on its goodwill of \$20.4 million related to its Photovoltaics reporting unit and the Company believed the carrying amount of the goodwill was not impaired. There have been no events or change in circumstances that would more likely than not reduce the fair value of the Photovoltaics reporting unit below its carrying amount. However, if there is further erosion of the Company's market capitalization or the Photovoltaics reporting unit is unable to achieve its projected cash flows, management may be required to perform additional impairment tests of its remaining goodwill. The outcome of these additional tests may result in the Company recording goodwill impairment charges.

NOTE 9. Intangible Assets

The following table sets forth changes in the carrying value of intangible assets by reporting segment:

| <i>(in thousands)</i> | As of June 30, 2010 | | | As of September 30, 2009 | | |
|-----------------------|----------------------------|-------------------------------------|-----------------------|---------------------------------|-------------------------------------|-----------------------|
| | Gross Assets | Accumulated Amortization | Net Assets | Gross Assets | Accumulated Amortization | Net Assets |
| Fiber Optics | \$ 24,612 | \$ (14,287) | \$ 10,325 | \$ 24,494 | \$ (12,341) | \$ 12,153 |
| Photovoltaics | 1,866 | (842) | 1,024 | 1,459 | (630) | 829 |
| Total | <u>\$ 26,478</u> | <u>\$ (15,129)</u> | <u>\$ 11,349</u> | <u>\$ 25,953</u> | <u>\$ (12,971)</u> | <u>\$ 12,982</u> |

The Company believes the carrying amount of its long-lived assets and intangible assets as of June 30, 2010 are recoverable. However, if there is further erosion of the Company's market capitalization or the Company is unable to achieve its projected cash flows, the Company may be required to perform impairment tests of its remaining long-lived assets and intangible assets. The outcome of these tests may result in the Company recording impairment charges.

Amortization expense related to intangible assets is included in SG&A on the consolidated statements of operations. Amortization expense was \$0.7 million and \$2.2 million for the three and nine months ended June 30, 2010, respectively. Amortization expense was \$1.2 million and \$3.3 million for the three and nine months ended June 30, 2009, respectively.

Based on the carrying amount of the intangible assets as of June 30, 2010, the estimated future amortization expense is as follows:

| <i>(in thousands)</i> | Estimated Future Amortization Expense |
|---------------------------------------|--|
| Three months ended September 30, 2010 | \$ 731 |
| Fiscal year ended September 30, 2011 | 2,537 |
| Fiscal year ended September 30, 2012 | 2,213 |
| Fiscal year ended September 30, 2013 | 1,877 |
| Fiscal year ended September 30, 2014 | 1,342 |
| Thereafter | 2,649 |
| Total future amortization expense | <u>\$ 11,349</u> |

NOTE 10. Accrued Expenses and Other Current Liabilities

The components of accrued expenses and other current liabilities consisted of the following:

| <i>(in thousands)</i> | As of June 30, 2010 | As of September 30, 2009 |
|--|------------------------------------|---|
| Compensation-related | \$ 4,964 | \$ 6,057 |
| Warranty | 4,385 | 4,287 |
| Tangshan termination fee | 2,775 | - |
| Professional fees | 2,125 | 1,839 |
| Royalty | 1,936 | 1,937 |
| Deferred revenue and customer deposits | 1,545 | 886 |
| Self insurance | 961 | 1,272 |
| Income and other taxes | 656 | 625 |
| Loss on sale commitments | 349 | 51 |
| Restructuring accrual | 230 | 395 |
| Loss on purchase commitments | 145 | 3,821 |
| Other | 240 | 713 |
| Accrued expenses and other current liabilities | <u>\$ 20,311</u> | <u>\$ 21,883</u> |

The following table summarizes the changes in the product warranty accrual accounts:

| <i>(in thousands)</i> | For the Nine Months Ended June 30, | |
|---------------------------------|---|-----------------|
| | 2010 | 2009 |
| Balance at beginning of period | \$ 4,287 | \$ 4,640 |
| Provision adjustment – expense | 669 | 1,357 |
| Utilization of warranty accrual | (571) | (1,664) |
| Balance at end of period | <u>\$ 4,385</u> | <u>\$ 4,333</u> |

Tangshan Termination Fee

On February 3, 2010, the Company entered into a Share Purchase Agreement (the "Purchase Agreement") to create a joint venture with Tangshan Caofeidian Investment Corporation ("TCIC"), a Chinese investment company located in the Caofeidian Industry Zone, Tangshan City, Hebei Province of China. The Purchase Agreement provided for the Company to sell a sixty percent (60%) interest in its Fiber Optics business (excluding its satellite communications and specialty photonics fiber optics businesses) to TCIC, which would have been operated as a joint venture had the transaction been closed. The transaction was dependant upon receiving necessary regulatory approvals from the US government. In April 2010, the Company and TCIC had made a voluntary joint filing with the Committee on Foreign Investment in the United States ("CFIUS") in connection with the proposed transaction.

On June 24, 2010, the Company announced that both parties withdrew their joint filing with CFIUS in response to an indication from CFIUS that it had certain concerns about the transaction as it was proposed.

On August 2, 2010, the Company received notice (the "Termination Notice") from TCIC stating that the Purchase Agreement had been terminated by TCIC. The Termination Notice states that the Purchase Agreement was terminated pursuant to Section 9.1(m) of the Share Purchase Agreement, which permits the Purchase Agreement to be terminated in the event certain export control licenses are not obtained within the timeframe permitted by the Purchase Agreement. The Purchase Agreement provides for the Company to pay TCIC a termination fee of \$2,775,000 in the event of a termination pursuant to Section 9.1(m). The Company accrued the termination fee as a SG&A operating expense during the three months ended June 30, 2010. The parties are currently in discussions and negotiations regarding an alternative transaction between the parties which would not be subject to the same export control licenses and CFIUS review as the Purchase Agreement and the manner and the timing in which the termination fee will be paid.

NOTE 11. Debt

Line of Credit

In September 2008, the Company entered into a \$25 million asset-backed revolving credit facility with Bank of America, which can be used for working capital, letters of credit and other general corporate purposes. Subsequently, the credit facility was amended resulting in a reduction in the total loan availability to \$14 million. The credit facility matures in September 2011 and is secured by substantially all of the Company's assets. The credit facility is subject to a borrowing base formula based on eligible accounts receivable and provides for prime-based borrowings.

As of June 30, 2010, the Company had a \$10.9 million prime rate loan outstanding, with an interest rate of 8.25%, and approximately \$2.1 million in outstanding standby letters of credit under this credit facility. The Company completely paid off the outstanding loan on July 8, 2010 using cash on hand.

The facility is also subject to certain financial covenants. On February 8, 2010, the Company and Bank of America entered into a Sixth Amendment to the Company's credit facility, which (a) permits the Company to enter into foreign exchange hedging transactions pursuant to a separate facility with the bank, provided that available amounts under such facility shall be deducted from the maximum revolving loan limit under this facility; and (b) reset the EBITDA financial covenant for the first quarter of fiscal 2010. On May 6, 2010, the Company and Bank of America entered into a Seventh Amendment to the Company's credit facility which reset the EBITDA and Fixed Charge Coverage Ratio financial covenants for the second quarter of fiscal 2010 and the remaining quarters of fiscal 2010. On August 11, 2010, the Company and Bank of America entered into an Eighth Amendment to the Company's credit facility which reset the EBITDA financial covenant for the third quarter of fiscal 2010.

Short-term Debt

In December 2008, the Company borrowed \$0.9 million from UBS Securities that was collateralized with auction rate preferred securities. The average interest rate on the loan is approximately 1.3% and the term of the loan is dependent upon the timing of the settlement of the auction rate securities with UBS Securities. The auction rate securities were settled at 100% par value and the short-term debt was repaid in July 2010 using cash on hand.

NOTE 12. Commitments and Contingencies

The Company leases certain land, facilities, and equipment under non-cancelable operating leases. The leases typically provide for rental adjustments for increases in base rent (up to specific limits), property taxes, insurance and general property maintenance that would be recorded as rent expense. Net facility and equipment rent expense under such leases totaled approximately \$1.9 million for both the nine months ended June 30, 2010 and 2009.

Estimated future minimum rental payments under the Company's non-cancelable operating leases with an initial or remaining term of one year or more as of June 30, 2010 are as follows:

| <i>(in thousands)</i> | Estimated Future Minimum Lease Payments |
|---------------------------------------|--|
| Three months ended September 30, 2010 | \$ 482 |
| Fiscal year ended September 30, 2011 | 1,815 |
| Fiscal year ended September 30, 2012 | 1,072 |
| Fiscal year ended September 30, 2013 | 799 |
| Fiscal year ended September 30, 2014 | 76 |
| Thereafter | <u>2,698</u> |
| Total minimum lease payments | <u>\$ 6,942</u> |

Legal Proceedings

The Company is subject to various legal proceedings and claims that are discussed below. The Company is also subject to certain other legal proceedings and claims that have arisen in the ordinary course of business and which have not been fully adjudicated. The Company does not believe it has a potential liability related to current legal proceedings and claims that could individually, or in the aggregate, have a material adverse effect on its financial condition, liquidity or results of operations. However, the results of legal proceedings cannot be predicted with certainty. Should the Company fail to prevail in any legal matters or should several legal matters be resolved against the Company in the same reporting period, then the operating results of that particular reporting period could be materially adversely affected. In the past, the Company settled certain matters that did not individually, or in the aggregate, have a material impact on the Company's results of operations.

a) Intellectual Property Lawsuits

We protect our proprietary technology by applying for patents where appropriate and, in other cases, by preserving the technology, related know-how and information as trade secrets. The success and competitive position of our product lines are significantly impacted by our ability to obtain intellectual property protection for our R&D efforts.

We have, from time to time, exchanged correspondence with third parties regarding the assertion of patent or other intellectual property rights in connection with certain of our products and processes. Additionally, on September 11, 2006, the Company filed a lawsuit against Optium Corporation, currently part of Finisar Corporation (Optium) in the U.S. District Court for the Western District of Pennsylvania for patent infringement of certain patents associated with our Fiber Optics segment. In the suit, the Company and JDS Uniphase Corporation (JDSU) allege that Optium is infringing U.S. Patents numbers 6,282,003 (the "003 patent") and 6,490,071 (the "071 patent") with its Prisma II 1550nm transmitters. On March 14, 2007, following denial of a motion to add additional claims to its existing lawsuit, the Company and JDSU filed a second patent suit in the same court against Optium alleging infringement of U.S. Patent No. 6,519,374 (the "374 patent"). On March 15, 2007, Optium filed a declaratory judgment action against the Company and JDSU. Optium sought in this litigation a declaration that certain products of Optium do not infringe the 374 patent and that the patent is invalid, but the District Court dismissed the action on January 3, 2008 without addressing the merits. The 003 patent, the 071 patent, and the 374 patent are assigned to JDSU and licensed to the Company.

On December 20, 2007, the Company was served with a complaint in another declaratory relief action, which Optium had filed in the U.S. District Court for the Western District of Pennsylvania. This action sought to have the 003 patent and the 071 patent declared unenforceable because of certain conduct alleged to have occurred in connection with the prosecution of the applications for these patents. These allegations were substantially the same as those brought by Optium by motion in the Company's own case against Optium, which motion had been denied by the Court. On August 11, 2008, both actions pending in the U.S. Western District of Pennsylvania were consolidated before a single judge, and a trial date of October 19, 2009 was set. On February 18, 2009, the Company's motion for a summary judgment dismissing Optium's declaratory relief action was granted, and on March 11, 2009, the Company was notified that Optium intended to file an appeal of this order. On May 5, 2010, the Court of Appeals for the Federal Circuit rejected Optium's appeal and affirmed the summary judgment dismissing Optium's declaratory relief action.

On October 19, 2009, the U.S. District Court for the Western District of Pennsylvania granted the Company's motion for summary judgment that Optium infringed the 374 patent. In October 2009 the consolidated matters were tried before a jury, which found that all patents asserted against Optium were not invalid, that all claims asserted in the 003 patent and 071 patent were infringed, and that such infringement by Optium was willful where willfulness was asserted. The jury awarded the Company and JDSU monetary damages totaling approximately \$3.4 million. On June 18, 2010, Optium filed an appeal of this award with the Court of Appeals for the Federal Circuit. The Company filed its response brief in September 2010.

In accordance with U.S. GAAP, a contingency that might result in a gain should not be reflected in the financial statements because to do so might be to recognize income before its realization.

b) Avago-related Litigation

On July 15, 2008, the Company was served with a complaint filed by Avago Technologies and what appear to be affiliates thereof in the United States District Court for the Northern District of California, San Jose Division (Avago Technologies U.S., Inc., et al., Emcore Corporation, et al., Case No.: C08-3248 JW) (the "Commercial Case"). In this complaint, Avago asserts claims for breach of contract and breach of express warranty against Venture Corporation Limited (one of the Company's customers) and asserts a tort claim for negligent interference with prospective economic advantage against the Company.

On December 5, 2008, the Company was also served with a complaint by Avago Technologies filed in the United States District Court for the Northern District of California, San Jose Division alleging infringement of two patents by the Company's VCSEL products. (Avago Technologies Singapore et al., Emcore Corporation, et al., Case No.: C08-5394 EMC) (the N.D. CA Patent Case"). This matter has been stayed pending resolution of the International Trade Commission matter described immediately below.

On March 5, 2009, the Company was notified that, based on a complaint filed by Avago alleging the same patent infringement that formed the basis of the complaint previously filed in the Northern District of California, the U.S. International Trade Commission (the "ITC") had determined to begin an investigation titled "In the Matter of Certain Optoelectronic Devices, Components Thereof and Products Containing the Same", Inv. No. 337-TA-669. This matter was tried before an administrative law judge of the ITC from November 16-20, 2009.

On March 12, 2010, the Company was advised that an initial determination had been issued by the administrative law judge of the ITC that found that one of the two patent claims asserted against the Company related to certain of the Company's products was both valid and infringed. This initial determination is subject to review and confirmation by the ITC itself. On March 29, 2010, the Company filed a petition with the ITC for a review of certain portions of the initial determination that were adverse to the Company. The ITC declined to review the initial determination.

On July 12, 2010, the ITC issued its Final Determination, as well as a limited exclusion order and cease and desist order directed to the Company's infringing products which prohibits importation of those products into the United States. Those remedial orders were reviewed by the President of the United States and his decision to approve those orders was issued on September 10, 2010, thereby prohibiting further importation of the infringing products. These remedial orders do not apply to any of the products sold by the Company's customers that may contain infringing products.

The ITC does not have the authority to award damages for patent infringement; therefore, there was no financial penalty as a result of the Final Determination. The Company has formulated and implemented a product redesign intended to eliminate the impact of the accused infringement, the exclusion, and the cease and desist orders issued by the ITC. The Company continues to actively pursue its re-design strategy, including qualifying the newly re-designed products with certain of its major customers. The ITC decision will also not be binding in the N.D. CA Patent Case which will remain stayed until all appeals of the ITC decision have been exhausted.

The Company intends to vigorously defend against the allegations of both the N.D. CA Patent Case and the Commercial Case.

c) Green and Gold related litigation

On December 23, 2008, Plaintiffs Maurice Prissert and Claude Prissert filed a purported stockholder class action (the "Prissert Class Action") pursuant to Federal Rule of Civil Procedure 23 allegedly on behalf of a class of Company shareholders against the Company and certain of its present and former directors and officers (the "Individual Defendants") in the United States District Court for the District of New Mexico captioned, Maurice Prissert and Claude Prissert v. EMCORE Corporation, Adam Gushard, Hong Q. Hou, Reuben F. Richards, Jr., David Danzilio and Thomas Werthan, Case No. 1:08cv1190 (D.N.M.). The Complaint alleges that Company and the Individual Defendants violated certain provisions of the federal securities laws, including Section 10(b) of the Securities Exchange Act of 1934, arising out of the Company's disclosure regarding its customer Green and Gold Energy ("GGE") and the associated backlog of GGE orders with the Company's Photovoltaics business segment. The Complaint in the Class Action seeks, among other things, an unspecified amount of compensatory damages and other costs and expenses associated with the maintenance of the Action. On or about February 12, 2009, a second purported stockholder class action (Mueller v. EMCORE Corporation et al., Case No. 1:09cv 133 (D.N.M.)) (the "Mueller Class Action") was filed in the United States District Court for the District of New Mexico against the same defendants named in the Prissert Class Action, based on substantially the same facts and circumstances, containing substantially the same allegations and seeking substantially the same relief.

Plaintiffs in both class actions have moved to consolidate the matters into a single action. On September 25, 2009, the court issued an order consolidating both the Prissert and Mueller actions into one consolidated proceeding, but denied plaintiffs motions for appointment of a lead plaintiff or lead plaintiff's counsel. On July 15, 2010, the court appointed IBEW Local Union No. 58 Annuity Fund to serve as lead plaintiff ("IBEW"), but denied, without prejudice, IBEW's motion to appoint lead counsel. IBEW has not yet renewed its motion to appoint lead counsel.

On January 23, 2009, Plaintiff James E. Stearns filed a purported stockholder derivative action (the "Stearns Derivative Action") on behalf of the Company against the Individual Defendants, as well as the Company as nominal defendant in the Superior Court of New Jersey, Atlantic County, Chancery Division (James E. Stearns, derivatively on behalf of EMCORE Corporation v. Thomas J. Russell, Robert Bogomolny, Charles Scott, John Gillen, Reuben F. Richards, Jr., Hong Q. Hou, Adam Gushard, David Danzilio and Thomas Werthan, Case No. Atl-C-10-09). This action is based on essentially the same factual contentions as the Prissert Class Action, and alleges that the Individual Defendants engaged in improprieties and violations of law in connection with the reporting of the GGE backlog. The Stearns Derivative Action seeks several forms of relief, allegedly on behalf of the Company, including, among other things, damages, equitable relief, corporate governance reforms, an accounting of, rescission of, restitution of, and costs and disbursements of the lawsuit.

On March 11, 2009, Plaintiff Gary Thomas filed a second purported shareholder derivative action (the "Thomas Derivative Action"; together with the Stearns Derivative Action, the "Derivative Actions") in the U.S. District Court for the District of New Mexico against the Company and certain of the Individual Defendants (Gary Thomas, derivatively on behalf of EMCORE Corporation v. Thomas J. Russell, Robert Bogomolny, Charles Scott, John Gillen, Reuben F. Richards, Jr., Hong Q. Hou, and EMCORE Corporation, Case No. 1.09-cv-00236, (D.N.M.)). The Thomas Derivative Action makes the same allegations as the Stearns Derivative Action and seeks essentially the same relief.

The Stearns Derivative Action and the Thomas Derivative action have been consolidated before a single judge in Somerset County, New Jersey, and have been stayed pending the Prissert and Mueller Class Actions.

The Company intends to vigorously defend against the allegations of both the Class Actions and the Derivative Actions.

d) Securities Matters

SEC Communications. On February 24, 2010, the Company received a letter from the Securities and Exchange Commission's Division of Enforcement dated February 2, 2010 stating that the staff has completed its investigation of EMCORE Corporation that the Company had disclosed in its Form 10-K filed for its fiscal year ended September 30, 2009. The letter further advised the Company that the staff of the Division of Enforcement did not intend to recommend any enforcement action against the Company.

NASDAQ Communication. On March 8, 2010, the Company received notice from the NASDAQ Listings Qualifications group, stating that it had closed its inquiry involving EMCORE Corporation that the Company had disclosed in its Form 10-K filed for its fiscal year ended September 30, 2009.

As of June 30, 2010 and the filing date of this Quarterly Report on Form 10-Q, no amounts have been accrued for any litigation item discussed above since no estimate of loss can be made at this time.

NOTE 13. Income Taxes

During the nine months ended June 30, 2010 and 2009, there were no material increases or decreases in unrecognized tax benefits and management does not anticipate any material increases or decreases in the amounts of unrecognized tax benefits over the next twelve months. As of June 30, 2010, the Company had approximately \$0.2 million of interest and penalties accrued as tax liabilities on the balance sheet. A reconciliation of the beginning and ending amount of unrecognized gross tax benefits is as follows:

(in thousands)

| | | |
|---|----|------------|
| Balance as of September 30, 2009 | \$ | 374 |
| Subtractions based on tax positions related to the current year | | (17) |
| Subtractions for tax positions of prior years | | (19) |
| Balance as of June 30, 2010 | \$ | <u>338</u> |

The Company files income tax returns in the U.S. federal, state, and local jurisdictions and, currently, no federal, state, and local income tax returns are under examination. The following tax years remain open to income tax examination for each of the more significant jurisdictions where the Company is subject to income taxes: after fiscal year 2006 for U.S. federal; after fiscal year 2005 for the state of California and after fiscal year 2006 for the state of New Mexico.

NOTE 14. Segment Data and Related Information

The Company has five operating divisions: (1) EMCORE Digital Fiber Optics Products, (2) EMCORE Broadband Fiber Optics Products, and (3) EMCORE Hong Kong, which are aggregated as a separate reporting segment, Fiber Optics, and (4) EMCORE Photovoltaics and (5) EMCORE Solar Power, which are aggregated as a separate reporting segment, Photovoltaics. Fiber Optics revenue is derived primarily from sales of optical components and subsystems for CATV, FTTP, enterprise routers and switches, telecom grooming switches, core routers, high performance servers, supercomputers, and satellite communications data links. Photovoltaics revenue is derived primarily from the sales of solar power generation products for the space and terrestrial markets, including solar cells, covered interconnected solar cells, satellite solar panels, and CPV solar cells, receiver assemblies, and systems. The Company evaluates its reportable segments in accordance with ASC 280, *Segment Reporting*. The Company's Chief Executive Officer is the chief operating decision maker pursuant to ASC 280, and he allocates resources to segments based on their business prospects, competitive factors, net revenue, operating results and other non-GAAP financial ratios. Operating income or expense that is not specifically related to an operating segment is charged to a separate unallocated corporate division.

The following table sets forth the revenue and percentage of total revenue attributable to each of the Company's reporting segments.

| Segment Revenue (in thousands) | For the Three Months Ended June 30, | | | |
|-----------------------------------|--|--------------|-----------|--------------|
| | 2010 | | 2009 | |
| | Revenue | % of Revenue | Revenue | % of Revenue |
| Fiber Optics | \$ 31,483 | 68% | \$ 22,399 | 58% |
| Photovoltaics | 15,123 | 32 | 16,090 | 42 |
| Total revenue | \$ 46,606 | 100% | \$ 38,489 | 100% |

| Segment Revenue (in thousands) | For the Nine Months Ended June 30, | | | |
|-----------------------------------|---------------------------------------|--------------|------------|--------------|
| | 2010 | | 2009 | |
| | Revenue | % of Revenue | Revenue | % of Revenue |
| Fiber Optics | \$ 87,295 | 64% | \$ 89,979 | 66% |
| Photovoltaics | 49,907 | 36 | 45,850 | 34 |
| Total revenue | \$ 137,202 | 100% | \$ 135,829 | 100% |

The following table sets forth the Company's consolidated revenue by geographic region with revenue assigned to geographic regions based on our customers' billing address.

| Geographic Revenue (in thousands) | For the Three Months Ended June 30, | | | |
|--------------------------------------|--|--------------|-----------|--------------|
| | 2010 | | 2009 | |
| | Revenue | % of Revenue | Revenue | % of Revenue |
| United States | \$ 29,617 | 64% | \$ 23,466 | 61% |
| Asia | 9,426 | 20 | 9,427 | 24 |
| Europe | 2,868 | 6 | 1,733 | 5 |
| Other | 4,695 | 10 | 3,863 | 10 |
| Total revenue | \$ 46,606 | 100% | \$ 38,489 | 100% |

Geographic Revenue
(in thousands)

**For the Nine Months
Ended June 30,**

| | 2010 | | 2009 | |
|---------------|------------|--------------|------------|--------------|
| | Revenue | % of Revenue | Revenue | % of Revenue |
| United States | \$ 94,475 | 69% | \$ 80,562 | 59% |
| Asia | 24,114 | 17 | 41,473 | 31 |
| Europe | 8,122 | 6 | 6,906 | 5 |
| Other | 10,491 | 8 | 6,888 | 5 |
| Total revenue | \$ 137,202 | 100% | \$ 135,829 | 100% |

The following table sets forth our significant customers, defined as customers that represented greater than 10% of total consolidated revenue, by reporting segment.

Significant Customers

As a percentage of total consolidated revenue

| | For the Three Months Ended June 30, | | For the Nine Months Ended June 30, | |
|-----------------------------------|--|------|---------------------------------------|------|
| | 2010 | 2009 | 2010 | 2009 |
| Fiber Optics – related customers: | | | | |
| Cisco Systems, Inc. | 14% | - | 14% | - |
| Photovoltaics – related customer: | | | | |
| Loral Space & Communications | - | 12% | 10% | 14% |

The following table sets forth operating (loss) income attributable to each of the Company's reporting segments.

Statement of Operations Data
(in thousands)

| | For the Three Months Ended June 30, | | For the Nine Months Ended June 30, | |
|--------------------------|--|-------------|---------------------------------------|--------------|
| | 2010 | 2009 | 2010 | 2009 |
| Operating (loss) income: | | | | |
| Fiber Optics segment | \$ (5,000) | \$ (45,380) | \$ (15,680) | \$ (110,580) |
| Photovoltaics segment | (3,342) | (616) | (3,950) | (13,739) |
| Operating loss | \$ (8,342) | \$ (45,996) | \$ (19,630) | \$ (124,319) |

The following table sets forth the depreciation and amortization attributable to each of the Company's reporting segments.

Segment Depreciation and Amortization
(in thousands)

| | For the Three Months Ended June 30, | | For the Nine Months Ended June 30, | |
|-------------------------------|--|----------|---------------------------------------|-----------|
| | 2010 | 2009 | 2010 | 2009 |
| Fiber Optics segment | \$ 1,721 | \$ 2,860 | \$ 5,272 | \$ 8,475 |
| Photovoltaics segment | 1,309 | 1,494 | 3,994 | 4,387 |
| Depreciation and amortization | \$ 3,030 | \$ 4,354 | \$ 9,266 | \$ 12,862 |

Long-lived assets consist primarily of property, plant, and equipment and also goodwill and intangible assets. The following table sets forth long-lived assets for each of the Company's reporting segments and Corporate division.

| Long-lived Assets <i>(in thousands)</i> | As of June 30, 2010 | As of September 30, 2009 |
|---|------------------------------------|---|
| Fiber Optics segment | \$ 32,418 | \$ 37,399 |
| Photovoltaics segment | 46,997 | 50,169 |
| Corporate division | 993 | 826 |
| Long-lived assets | \$ 80,408 | \$ 88,394 |

NOTE 15. Fair Value Accounting

ASC 820, *Fair Value Measurements and Disclosures*, establishes a valuation hierarchy for disclosure of the inputs to valuation used to measure fair value. Valuation techniques used to measure fair value under ASC 820 must maximize the use of observable inputs and minimize the use of unobservable inputs. The standard describes a fair value hierarchy based on three levels of inputs, of which the first two are considered observable and the last unobservable, that may be used to measure fair value which are the following:

- Level 1 inputs are unadjusted quoted prices in active markets for identical assets or liabilities.
- Level 2 inputs are quoted prices for similar assets and liabilities in active markets or inputs that are observable for the asset or liability, either directly or indirectly through market corroboration, for substantially the full term of the financial instrument.
- Level 3 inputs are unobservable inputs based on our own assumptions used to measure assets and liabilities at fair value. A financial asset or liability's classification within the hierarchy is determined based on the lowest level input that is significant to the fair value measurement.

The following table provides the Company's financial assets and liabilities, consisting of the following types of instruments, measured at fair value on a recurring basis:

| | As of June 30, 2010 | | | Total |
|--|---|--|--|------------------|
| | Quoted Prices in Active Markets for Identical Assets [Level 1] | Significant Other Observable Remaining Inputs [Level 2] | Significant Unobservable Inputs [Level 3] | |
| <u>Assets</u> | | | | |
| Money market fund deposits | \$ 14,404 | \$ - | \$ - | \$ 14,404 |
| Restricted fund deposits | 437 | - | - | 437 |
| Asset-backed auction rate securities | - | 1,200 | - | 1,200 |
| Total assets measured at fair value | \$ 14,841 | \$ 1,200 | \$ - | \$ 16,041 |
| <u>Liabilities</u> | | | | |
| Warrants | \$ - | \$ 634 | \$ - | \$ 634 |

The Company classifies investments within Level 1 if quoted prices are available in active markets. Level 1 assets include instruments valued based on quoted market prices in active markets which generally could include money market funds, corporate publicly traded equity securities on major exchanges and U.S. Treasury notes with quoted prices on active markets.

The Company classifies items in Level 2 if the investments are valued using observable inputs to quoted market prices, benchmark yields, reported trades, broker/dealer quotes or alternative pricing sources with reasonable levels of price transparency. These investments could include: government agencies, corporate bonds, commercial paper, and auction rate securities.

The Company did not hold financial assets and liabilities, which were valued using unobservable inputs as of June 30, 2010.

The carrying amounts of accounts receivable, short-term debt including borrowings under the Company's credit facility, accounts payable, accrued expenses and other current liabilities approximate fair value because of the short maturity of these instruments.

In February 2008, the FASB issued authoritative guidance, which delayed the effective date of ASC 820 for all non-financial assets and non-financial liabilities that are not re-measured at fair value on a recurring basis (at least annually). The guidance was effective for the Company beginning October 1, 2009 and it did not have an impact on our consolidated financial position, results of operations or cash flows during the three and nine months ended June 30, 2010.

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

Business Overview

EMCORE Corporation (the "Company", "we", "our", or "EMCORE") is a provider of compound semiconductor-based components and subsystems for the fiber optics and solar power markets. The Company was established in 1984 as a New Jersey corporation and has two reporting segments: Fiber Optics and Photovoltaics. Our Fiber Optics segment offers optical components, subsystems, and systems that enable the transmission of video, voice and data over high-capacity fiber optic cables for high-speed data and telecommunications, cable television ("CATV") and fiber-to-the-premises ("FTTP") networks. Our Photovoltaics segment provides solar products for satellite and terrestrial applications. For satellite applications, the Company offers high-efficiency compound semiconductor-based multi-junction solar cells, covered interconnected cells ("CICs") and fully integrated solar panels. For terrestrial applications, the Company offers concentrating photovoltaic ("CPV") power systems for commercial and utility scale solar applications as well as high-efficiency multi-junction solar cells and integrated CPV components for use in other solar power concentrator systems. Our headquarters and principal executive offices are located at 10420 Research Road, SE, Albuquerque, New Mexico, 87123, and our main telephone number is (505) 332-5000. For specific information about our Company, our products or the markets we serve, please visit our website at <http://www.emcore.com>.

Liquidity and Capital Resources

During the three months ended June 30, 2010, the Company incurred a net loss of \$9.2 million. The Company's operating results for future periods are subject to numerous uncertainties and it is unclear if the Company will be able to reduce or eliminate its net losses for the foreseeable future. In the event that management is not able to increase revenue and/or manage operating expenses in line with revenue forecasts, the Company may not be able to achieve profitability.

As of June 30, 2010, cash, cash equivalents, available-for-sale securities and current restricted cash totaled approximately \$16.0 million. Historically, management has addressed the Company's liquidity requirements through the combination of cost reduction initiatives, improvements in working capital management, capital markets transactions, and the sale of assets. In fiscal 2010, management continues to remain focused on reducing the amount of cash used from operations while developing additional sources of liquidity. For the nine months ended June 30, 2010, and 2009, the Company consumed cash from operations of approximately \$5.2 million and \$30.5 million, respectively. In fiscal 2010, the consumption of \$5.2 million of cash was entirely related to an increase in components of working capital. The Company consumed less cash from operations when compared to the prior year due to improved operating performance and working capital management. The Company achieved positive cash flow from operations in two of the last four quarters, including the quarters ended September 30, 2009 and March 31, 2010. In the fourth quarter, we expect the Company's operational performance will improve and cash will be generated through increases in gross margin and improvement in working capital management.

On October 1, 2009, the Company entered into an equity line of credit arrangement with Commerce Court Small Cap Value Fund, Ltd. ("Commerce Court"). Upon issuance of a draw-down request by the Company within the 24-month term of the purchase agreement, Commerce Court has committed to purchase up to \$25 million of the Company's common stock. See Footnote 3 – Equity Facility for additional information related to this equity line of credit.

We believe that our existing balances of cash, cash equivalents, and available-for-sale securities, together with amounts expected to be available under our revolving credit facility with Bank of America and the equity line of credit agreement with Commerce Court will provide us with sufficient financial resources to meet our cash requirements for operations, working capital, and capital expenditures for the next 12 months. However, in the event of unforeseen circumstances, or unfavorable market or economic developments, the Company may have to raise additional funds by any one or a combination of the following: issuing equity, debt or convertible debt, or selling certain product lines and/or portions of our business. There can be no guarantee that the Company will be able to raise additional funds on terms acceptable to us, or at all. A significant contraction in the capital markets, particularly in the technology sector, may make it difficult for us to raise additional capital if or when it is required, especially if the Company experiences negative operating results. In addition, as a result of the delay in filing this Quarterly Report, we are currently ineligible to register our securities on Form S-3. We may continue to use our currently effective Registration Statement on Form S-3 until we file our next Annual Report on Form 10-K, but during the period in which we are not able to use the registration statement, we may be unable to access financing under our equity line of credit agreement. If adequate capital is not available to us as required, or is not available on favorable terms, our business, financial condition and results of operations may be adversely affected.

Strategic Plan

Due to significant differences in operating strategy between the Company's Fiber Optics and Photovoltaics businesses, the Company's management and Board of Directors believes that they would provide greater value to shareholders if they were operated as two separate business entities. The Company is exploring business strategies to meet the following objectives: 1) creating a low-cost manufacturing base for its Fiber Optics business, 2) separating the Company's Photovoltaics and Fiber Optics businesses to become pure plays in each of the business segments, and 3) providing the Company with improved liquidity to launch its CPV business.

In furtherance of this strategy, on July 30, 2010, the Company entered into an agreement for the establishment and operation of a joint venture (the "JV Agreement") with San'an Optoelectronics Co., Ltd. ("San'an") for the purpose of engaging in the development, manufacturing, and distribution of CPV receivers, modules, and systems for terrestrial solar power applications under license from the Company.

The JV Agreement provides for the parties to form Suncore Photovoltaics Co., Ltd., a limited liability company ("Suncore"), under the laws of the People's Republic of China. The Company will own a forty percent (40%) ownership interest in Suncore, while San'an will own a sixty percent (60%) interest.

Concurrently with the execution of the JV Agreement, the Company entered into a cooperation agreement (the "Cooperation Agreement") with an affiliate of San'an (the "Affiliate"). The Cooperation Agreement provides for the Company, or a designated affiliate of the Company, to receive an aggregate \$8.5 million in fees, payable over a two-year period following the establishment of Suncore, in connection with the Company's provision of the technology license and related support and strategic consulting services to Suncore. The Company intends to use the fees it receives pursuant to the Cooperation Agreement and assembly and test equipment and inventory assets to fund most of its capital contributions to Suncore. Furthermore, the Cooperation Agreement provides that the Affiliate will provide Suncore with working capital financing in the form of loans and/or guarantees.

Quarter Highlights

On April 9, 2010, the Company announced the launch of a new video transport product line based on the popular openGear® platform of terminal equipment. This product line transports SMPTE compliant 3 Gbps HD-SDI (1080p) video signals over fiber optic cables for distances up to 60km. This addition to the Company's existing video transport product portfolio complements the Company's flagship Optiva video/audio/data transport platform with a new emphasis on the broadcast and professional audio/visual markets. OpenGear is a registered trademark of Ross Video Limited, of Ontario, Canada.

On June 8, 2010, the Company announced the launch of its EMP Fiber Optic Gyroscope (FOG) module family. The EMP-1 is a single-axis FOG module incorporating EMCORE's internally manufactured lithium-niobate modulator and hybrid-integrated photonic transceiver components. The EMP-1 also utilizes advanced DSP-based closed-loop FOG processing circuitry. The EMP-1 has both analog and digital outputs, a single +5 volt power supply, and is targeted to a wide range of commercial and military applications in platform- and camera-stabilization, navigation, robotics, and oil and gas exploration. Also on June 8, 2010, the Company introduced a new video transport product line based on the popular openGear® platform of terminal equipment for the professional audio/visual market. Through the partnership with Ross Video Limited for the openGear platform, the professional audio/visual community will now be able to deploy technologies with a standardized open platform approach.

Order Backlog

As of June 30, 2010, the Company had a consolidated order backlog of approximately \$67.6 million, a slight decrease from a \$68.0 million order backlog reported as of the end of the preceding quarter. On a segment basis, the quarter-end Photovoltaics order backlog totaled \$42.5 million, a \$1.2 million, or 3%, increase from \$41.3 million reported as of the end of the preceding quarter. The quarter-end Fiber Optics order backlog totaled \$25.1 million, a \$1.6 million, or 6% decrease from \$26.7 million reported as of the end of the preceding quarter. Order backlog is defined as purchase orders or supply agreements accepted by the Company with expected product delivery and/or services to be performed within the next twelve months.

From time to time, our customers may request that the Company delay shipment of certain orders and our backlog could also be adversely affected if customers unexpectedly cancel purchase orders that we have previously accepted. A majority of our fiber optics products typically ship within the same quarter as when the purchase order is received; therefore, our backlog at any particular date is not necessarily indicative of actual revenue or the level of orders for any succeeding period.

Critical Accounting Policies

The preparation of the consolidated financial statements in conformity with accounting principles generally accepted in the United States of America (“U.S. GAAP”) requires management of the Company to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities, as of the date of the financial statements, and the reported amounts of revenue and expenses during the reported period.

The accounting estimates that require our most significant, difficult, and subjective judgments include:

- the valuation of inventory, goodwill, intangible assets, and stock based compensation;
- assessment of recovery of long-lived assets;
- revenue recognition associated with the percentage of completion method; and
- the allowance for doubtful accounts and warranty accruals.

Management develops estimates based on historical experience and on various assumptions about the future that are believed to be reasonable based on the best information available. The Company’s reported financial position or results of operations may be materially different under changed conditions or when using different estimates and assumptions, particularly with respect to significant accounting policies. In the event that estimates or assumptions prove to differ from actual results, adjustments are made in subsequent periods to reflect more current information.

A listing and description of the Company’s critical accounting policies includes:

Accounts Receivable. The Company regularly evaluates the collectibility of its accounts receivable and accordingly maintains allowances for doubtful accounts for estimated losses resulting from the inability of our customers to meet their financial obligations to us. The allowance is based on the age of receivables and a specific identification of receivables considered at risk of collection. The Company classifies charges associated with the allowance for doubtful accounts as SG&A expense. If the financial condition of our customers were to deteriorate, impacting their ability to pay us, additional allowances may be required.

Inventory. Inventory is stated at the lower of cost or market, with cost being determined using the standard cost method. The Company reserves against inventory once it has been determined that conditions exist that may not allow the inventory to be sold for its intended purpose or the inventory is determined to be excess or obsolete based on the Company’s forecasted future revenue. The charge related to inventory reserves is recorded as a cost of revenue. The majority of the inventory write-downs are related to estimated allowances for inventory whose carrying value is in excess of net realizable value and on excess raw material components resulting from finished product obsolescence. In most cases where the Company sells previously written down inventory, it is typically sold as a component part of a finished product. The finished product is sold at market price at the time resulting in higher average gross margin on such revenue. The Company does not track the selling price of individual raw material components that have been previously written down or written off, since such raw material components usually are only a portion of the resultant finished products and related sales price. The Company evaluates inventory levels at least quarterly against sales forecasts on a significant part-by-part basis, in addition to determining its overall inventory risk. The Company has incurred, and may in the future incur charges to write-down our inventory.

Goodwill. Goodwill represents the excess of the purchase price of an acquired business over the fair value of the identifiable assets acquired and liabilities assumed. As required by ASC 350, *Intangibles - Goodwill and Other*, the Company evaluates its goodwill for impairment on an annual basis, or whenever events or changes in circumstances indicate that the carrying value of a reporting unit may exceed its fair value. Management has elected December 31st as the annual assessment date. Circumstances that could trigger an interim impairment test include but are not limited to: a significant adverse change in the market value of the Company’s common stock, the business climate or legal factors; an adverse action or assessment by a regulator; unanticipated competition; loss of key personnel; the likelihood that a reporting unit or significant portion of a reporting unit will be sold or otherwise disposed; results of testing for recoverability of a significant asset group within a reporting unit; and recognition of a goodwill impairment loss in the financial statements of a subsidiary that is a component of a reporting unit.

In performing goodwill impairment testing, the Company determines the fair value of each reporting unit using a weighted combination of a market-based approach and a discounted cash flow (“DCF”) approach. The market-based approach relies on values based on market multiples derived from comparable public companies. In applying the DCF approach, management forecasts cash flows over the remaining useful life of its primary asset using assumptions of current economic conditions and future expectations of earnings. This analysis requires the exercise of significant judgment, including judgments about appropriate discount rates based on the assessment of risks inherent in the amount and timing of projected future cash flows. The derived discount rate may fluctuate from period to period as it is based on external market conditions. All of these assumptions are critical to the estimate and can change from period to period. Updates to these assumptions in future periods, particularly changes in discount rates, could result in different results of goodwill impairment tests.

Valuation of Long-lived Assets. Long-lived assets consist primarily of property, plant, and equipment and intangible assets. Because most of the Company's long-lived assets are subject to amortization, the Company reviews these assets for impairment in accordance with the provisions of ASC 360, *Property, Plant, and Equipment*. As part of internal control procedures, the Company reviews long-lived assets for impairment whenever events or changes in circumstances indicate that its carrying amount may not be recoverable. Our impairment testing of long-lived assets consists of determining whether the carrying amount of the long-lived asset (asset group) is recoverable, in other words, whether the sum of the future undiscounted cash flows expected to result from the use and eventual disposition of the asset (asset group) exceeds its carrying amount. The determination of the existence of impairment involves judgments that are subjective in nature and may require the use of estimates in forecasting future results and cash flows related to an asset or group of assets. In making this determination, the Company uses certain assumptions, including estimates of future cash flows expected to be generated by these assets, which are based on additional assumptions such as asset utilization, the length of service that assets will be used in our operations, and estimated salvage values.

Product Warranty Reserves. The Company provides its customers with limited rights of return for non-conforming shipments and warranty claims for certain products. In accordance with ASC 450, *Contingencies*, the Company makes estimates of product warranty expense using historical experience rates as a percentage of revenue and accrues estimated warranty expense as a cost of revenue. The Company estimates the costs of its warranty obligations based on historical experience of known product failure rates, use of materials to repair or replace defective products and service delivery costs incurred in correcting product issues. In addition, from time to time, specific warranty accruals may be made if unforeseen technical problems arise. Should our actual experience relative to these factors differ from our estimates, the Company may be required to record additional warranty reserves. Alternatively, if the Company provides more reserves than needed, the Company may reverse a portion of such provisions in future periods.

Revenue Recognition. Revenue is recognized upon shipment, provided persuasive evidence of a contract exists, (such as when a purchase order or contract is received from a customer), the price is fixed, the product meets its specifications, title and ownership have transferred to the customer, and there is reasonable assurance of collection of the sales proceeds. In those few instances where a given sale involves post shipment obligations, formal customer acceptance documents, or subjective rights of return, revenue is not recognized until all post-shipment conditions have been satisfied and there is reasonable assurance of collection of the sales proceeds. The majority of our products have shipping terms that are free on board ("FOB") or free carrier alongside ("FCA") shipping point, which means that the Company fulfills its delivery obligation when the goods are handed over to the freight carrier at our shipping dock. This means the buyer bears all costs and risks of loss or damage to the goods from that point. In certain cases, the Company ships its products cost insurance and freight ("CIF"). Under this arrangement, revenue is recognized under FCA shipping point terms, but the Company pays (and bills the customer) for the cost of shipping and insurance to the customer's designated location. The Company accounts for shipping and related transportation costs by recording the charges that are invoiced to customers as revenue, with the corresponding cost recorded as cost of revenue. In those instances where inventory is maintained at a consigned location, revenue is recognized only when our customer pulls product for its use and title and ownership have transferred to the customer. Revenue from time and material contracts is recognized at the contractual rates as labor hours and direct expenses are incurred. The Company also generates service revenue from hardware repairs and calibrations that is recognized as revenue upon completion of the service. Any cost of warranties and remaining obligations that are inconsequential or perfunctory are accrued when the corresponding revenue is recognized.

- *Distributors* - The Company uses a number of distributors around the world and recognizes revenue upon shipment of product to these distributors. Title and risk of loss pass to the distributors upon shipment, and our distributors are contractually obligated to pay the Company on standard commercial terms, just like our other direct customers. The Company does not sell to its distributors on consignment and, except in the event of product discontinuance, does not give distributors a right of return.
- *Solar Panel and Solar Power Systems Contracts* - The Company records revenues from certain solar panel and solar power systems contracts using the percentage-of-completion method. Revenue is recognized in proportion to actual costs incurred compared to total anticipated costs expected to be incurred for each contract. Such contracts require estimates to determine the appropriate cost and revenue recognition. The Company uses all available information in determining dependable estimates of the extent of progress towards completion, contract revenues, and contract costs. Estimates are revised as additional information becomes available. If estimates of costs to complete long-term contracts indicate a loss, a provision is made for the total loss anticipated.
- *Government R&D Contracts* - R&D contract revenue represents reimbursement by various U.S. government entities, or their contractors, to aid in the development of new technology. The applicable contracts generally provide that the Company may elect to retain ownership of inventions made in performing the work, subject to a non-exclusive license retained by the U.S. government to practice the inventions for governmental purposes. The R&D contract funding may be based on a cost-plus, cost reimbursement, or a firm fixed price arrangement. The amount of funding under each R&D contract is determined based on cost estimates that include both direct and indirect costs. Cost-plus funding is determined based on actual costs plus a set margin. As the Company incurs costs under cost reimbursement type contracts, revenue is recorded. Contract costs include material, labor, special tooling and test equipment, subcontracting costs, as well as an allocation of indirect costs. An R&D contract is considered complete when all significant costs have been incurred, milestones have been reached, and any reporting obligations to the customer have been met. Government contract revenue is primarily recognized as service revenue.

The Company also has certain cost-sharing R&D arrangements. Under such arrangements in which the actual costs of performance are split between the U.S. government and the Company on a best efforts basis, no revenue is recorded and the Company's R&D expense is reduced for the amount of the cost-sharing receipts.

The U.S. government may terminate any of our government contracts at their convenience as well as for default based on our failure to meet specified performance measurements. If any of our government contracts were to be terminated for convenience, the Company generally would be entitled to receive payment for work completed and allowable termination or cancellation costs. If any of our government contracts were to be terminated for default, generally the U.S. government would pay only for the work that has been accepted and can require us to pay the difference between the original contract price and the cost to re-procure the contract items, net of the work accepted from the original contract. The U.S. government can also hold us liable for damages resulting from the default.

Stock-Based Compensation. The Company uses the Black-Scholes option-pricing model and the straight-line attribution approach to determine the fair-value of stock-based awards in accordance with ASC 718, *Compensation*. The option-pricing model requires the input of highly subjective assumptions, including the option's expected life and the price volatility of the underlying stock. The Company's expected term represents the period that stock-based awards are expected to be outstanding and is determined based on historical experience of similar awards, giving consideration to the contractual terms of the stock-based awards, vesting schedules and expectations of future employee behavior as influenced by changes to the terms of its stock-based awards. The expected stock price volatility is based on the Company's historical stock prices.

The above listing is not intended to be a comprehensive list of all of our accounting policies. In many cases, U.S. GAAP specifically dictates the accounting treatment of a particular transaction. There are also areas in which management's judgment in selecting any available alternative would not produce a materially different result. For a complete discussion of our accounting policies, recently adopted accounting pronouncements, and other required U.S. GAAP disclosures, we refer you to the accompanying footnotes to the Company's consolidated financial statements in our Annual Report on Form 10-K for the fiscal year ended September 30, 2009.

Results of Operations

The following table sets forth the Company's consolidated statements of operations data expressed as a percentage of total revenue.

| | Three Months Ended June 30, | | Nine Months Ended June 30, | |
|---|--|-------------|---------------------------------------|-------------|
| | 2010 | 2009 | 2010 | 2009 |
| Revenue | 100.0% | 100.0% | 100.0% | 100.0% |
| Cost of revenue | 72.5 | 106.3 | 72.4 | 105.8 |
| Gross profit (loss) | 27.5 | (6.3) | 27.6 | (5.8) |
| Operating expenses: | | | | |
| Selling, general, and administrative | 30.1 | 28.4 | 25.7 | 25.8 |
| Research and development | 15.3 | 14.7 | 16.2 | 15.2 |
| Impairments | - | 70.1 | - | 44.7 |
| Total operating expenses | 45.4 | 113.2 | 41.9 | 85.7 |
| Operating loss | (17.9) | (119.5) | (14.3) | (91.5) |
| Other (income) expense: | | | | |
| Interest income | - | - | - | (0.1) |
| Interest expense | 0.2 | 0.3 | 0.2 | 0.3 |
| Foreign exchange loss | 2.1 | (2.0) | 1.3 | 0.5 |
| Change in fair value of financial instruments | (0.4) | - | 0.5 | - |
| Financing instrument cost | - | - | 0.3 | - |
| Impairment of investment | - | - | - | 0.3 |
| Gain from sale of investments | - | - | - | (2.3) |
| Total other (income) expense | 1.9 | (1.7) | 2.3 | (1.3) |
| Net loss | (19.8)% | (117.8)% | (16.6)% | (90.2)% |

Comparison of the Three Months Ended June 30, 2010 and 2009

Revenue:

Revenue for the three months ended June 30, 2010 was \$46.6 million, an increase of \$8.1 million, or 21%, from \$38.5 million reported in the prior year period.

On a segment basis, revenue for the Fiber Optics segment was \$31.5 million, an increase of \$9.1 million, or 41%, from \$22.4 million reported in the prior year period. When compared to the prior year period, revenue from digital fiber optics products increased 52% and revenue from broadband and specialty products increased 32%. The Fiber Optics segment accounted for 68% of the Company's consolidated revenue for the third quarter compared to 58% in the prior year period.

Revenue for the Photovoltaics segment was \$15.1 million, a decrease of \$1.0 million, or 6%, from \$16.1 million reported in the prior year period. In June 2010, a \$3.2 million satellite solar cells order experienced a shipment delay due to a last minute logistics issue. This order has since been shipped and will be included in revenue for the fourth quarter ended September 30, 2010. The Photovoltaics segment accounted for 32% of the Company's consolidated revenue for the third quarter compared to 42% in the prior year period.

Gross Profit:

Consolidated gross profit was \$12.8 million, a significant improvement of \$15.2 million, from a gross loss of \$2.4 million reported in the prior year period. Consolidated gross margin was 27.5%, a significant improvement from the negative 6.3% gross margin reported in the prior year period.

On a segment basis, Fiber Optics gross margin was 25.9%, a substantial improvement from the negative 35.2% gross margin reported in the prior year period. The improvement in Fiber Optics gross margin was due primarily to higher gross margins in the Company's broadband, specialty, and digital fiber optics product lines, as well as, lower excess and obsolescence inventory charges when compared to the prior year period.

Photovoltaics gross margin was 30.7%, a slight decrease from a 33.9% gross margin reported in the prior year period. The decrease in Photovoltaics gross margin was primarily due to the delayed product shipment discussed above.

Operating Expenses:

Sales, general, and administrative expenses for the three months ended June 30, 2010 totaled \$14.0 million, an increase of \$3.1 million, or 28%, from \$10.9 million reported in the prior year period. During the three months ended June 30, 2010, the Company recorded a \$2.4 million reserve on accounts receivable related to a solar power system contract that management had uncertainty about its total collectability. The Company also incurred a one-time non-recurring \$2.8 million liability associated with a termination fee on the Company's then-planned joint venture with Tangshan Caofeidian Investment Corporation. Last year, SG&A included \$2.1 million of additional provisions for bad debt and \$1.3 million of patent litigation and other corporate-related legal expense. As a percentage of revenue, SG&A expenses were 30.1%, an increase from 28.4% in the prior year period.

Research and development expenses for the three months ended June 30, 2010 totaled \$7.1 million, an increase of \$1.5 million, or 26%, from \$5.6 million reported in the prior year period. As a percentage of revenue, R&D expenses were 15.3%, an increase from 14.7% in the prior year period.

Impairment: In the prior year, the Company performed an evaluation of its Fiber Optics segment asset group for impairment. The impairment test was triggered by a determination that it was more likely than not those certain assets would be sold or otherwise disposed of before the end of their previously estimated useful lives. As a result of the evaluation, it was determined that an impairment existed, and a charge of \$27.0 million was recorded to write down the long-lived assets to an estimated value, which was determined based on a combination of guideline public company comparisons and future undiscounted cash flows.

Consolidated operating expenses for the three months ended June 30, 2010 totaled \$21.2 million, a decrease of \$22.4 million, or 52%, from \$43.6 million reported in the prior year period. The decrease was primarily related to the \$27.0 million impairment charge recorded in the prior year.

Operating loss:

The consolidated operating loss was \$8.3 million, an improvement of \$37.7 million, or 82%, from an operating loss of \$46.0 million reported in the prior year period, with the variance primarily due to the impairment charge discussed above, as well as improved operating performance at the gross margin level.

Net loss:

The consolidated net loss was \$9.2 million, an improvement of \$36.1 million, or 80%, from a net loss of \$45.4 million reported in the prior year period, with the variance primarily due to the expenses recorded in the prior year as discussed above, as well as improved operating performance at the gross margin level in the current period. The third quarter net loss per share was \$0.11, representing an improvement of \$0.46 per share, from the \$0.57 net loss per share reported in the prior year period.

Comparison of the Nine Months Ended June 30, 2010 and 2009

Revenue:

Revenue for the nine months ended June 30, 2010 was \$137.2 million, an increase of \$1.4 million, or 1%, from \$135.8 million reported in the prior year period.

On a segment basis, revenue for the Fiber Optics segment was \$87.3 million, a decrease of \$2.7 million, or 3%, from \$90.0 million reported in the prior year period. When compared to the prior year period, revenue from digital fiber optics products decreased 20% and revenue from broadband and specialty products increased 16%. The Fiber Optics segment accounted for 64% of the Company's consolidated revenue for the nine months ended June 30, 2010 compared to 66% in the prior year period.

Revenue for the Photovoltaics segment was \$49.9 million, an increase of \$4.1 million, or 9%, from \$45.8 million reported in the prior year period. The increase in Photovoltaics revenue was primarily due to a significant increase in demand for the Company's satellite solar power products. The Photovoltaics segment accounted for 36% of the Company's consolidated revenue for the nine months ended June 30, 2010 compared to 34% in the prior year period.

Gross Profit:

Consolidated gross profit was \$37.9 million, a significant improvement of \$45.7 million, from a gross loss of \$7.8 million reported in the prior year period. Consolidated gross margin was 27.6%, a significant improvement from the negative 5.8% gross margin reported in the prior year period.

On a segment basis, Fiber Optics gross margin was 24.2%, a substantial improvement from the negative 13.0% gross margin reported in the prior year period. The improvement in Fiber Optics gross margin was due primarily to higher gross margins in the Company's broadband, specialty, and digital fiber optics product lines, as well as, lower excess and obsolescence inventory charges when compared to the prior year period.

During the third quarter of fiscal 2010, management determined that approximately \$2.5 million of excess and obsolete inventory reserves related to the Company's Fiber Optics segment should have been recorded in the quarter ended September 30, 2009. The financial impact from this error was an overstatement of inventory and understatement of cost of revenue of \$2.5 million in the quarter and year ended September 30, 2009. Accordingly, the condensed consolidated balance sheet as of September 30, 2009 was corrected to reduce inventory by approximately \$2.5 million with a corresponding increase to accumulated deficit. The impact from correcting prior period financial statements resulted in the reduction of cost of revenue of approximately \$1.2 million and \$0.3 million in the quarters ended December 31, 2009 and March 31, 2010, respectively. This correction had no impact to net cash used in operating activities as reported on the statements of cash flows. The effect of this correction was not considered material to any previously reported financial statement and this correction will be made to applicable prior period financial information in future filings with the SEC.

Photovoltaics gross margin was 33.5%, a significant increase from a 8.3% gross margin reported in the prior year period. The significant increase in Photovoltaics gross margin was primarily due to increased sales of higher margin satellite solar power products along with improved manufacturing yields on certain satellite solar panel contracts, as well as from a favorable adjustment of approximately \$0.8 million related to the sale of inventory previously reserved for.

Operating Expenses:

Sales, general, and administrative expenses for the nine months ended June 30, 2010 totaled \$35.2 million, an increase of \$0.2 million, or 1%, from \$35.0 million reported in the prior year period. During the nine months ended June 30, 2010, the Company recorded a \$2.4 million reserve on accounts receivable and incurred approximately \$4.2 million related to efforts associated with the Tangshan joint venture which included a termination fee of approximately \$2.8 million. SG&A also included legal expenses of approximately \$4.9 million related to patent litigation and other corporate legal charges, and \$1.3 million of non-cash stock-based compensation expense from the surrender of stock options. Last year, SG&A included \$4.7 million of additional provisions for bad debt and \$2.8 million of patent litigation and other corporate-related legal expense. As a percentage of revenue, SG&A expenses were 25.7%, a slight decrease from 25.8% in the prior year period.

Research and development expenses for the nine months ended June 30, 2010 totaled \$22.3 million, an increase of \$1.6 million, or 8%, from \$20.7 million reported in the prior year period. As a percentage of revenue, R&D expenses were 16.2%, an increase from 15.2% in the prior year period.

Impairment: In the prior year, the Company performed its annual goodwill impairment test as of December 31, 2008 and, based on that analysis, determined that goodwill related to its Fiber Optics segment was fully impaired. As a result, the Company recorded a non-cash impairment charge of \$31.8 million in the first quarter of fiscal 2009 and the Company's balance sheet no longer reflects any goodwill associated with its Fiber Optics segment. Also during the first fiscal quarter of 2009, the Company recorded a \$2.0 million non-cash impairment charge related to certain intangible assets acquired from Intel Corporation that were subsequently abandoned. As of June 30, 2009, the Company performed an evaluation of its Fiber Optics segment asset group for impairment. The impairment test was triggered by a determination that it was more likely than not those certain assets would be sold or otherwise disposed of before the end of their previously estimated useful lives. As a result of the evaluation, it was determined that an impairment existed, and a charge of \$27.0 million was recorded to write down the long-lived assets to an estimated value, which was determined based on a combination of guideline public company comparisons and future undiscounted cash flows.

Consolidated operating expenses for the nine months ended June 30, 2010 totaled \$57.5 million, a decrease of \$59.0 million, or 51%, from \$116.5 million reported in the prior year period, with the variance primarily due to the impairment charges incurred in the prior year, as discussed above.

Operating loss:

The consolidated operating loss was \$19.6 million, an improvement of \$104.7 million, or 84%, from an operating loss of \$124.3 million reported in the prior year period, with the variance primarily due to the magnitude of the non-cash impairment charges incurred in the prior year, as discussed above, as well as improved operating performance at the gross margin level.

Foreign exchange.

The Company recognizes gains and losses on foreign currency exchange primarily due to the Company's operations in Spain, the Netherlands and China. A majority of the expense in fiscal 2010 relates to the decline in value of the euro relative to the US dollar.

Change in fair value of financial instruments.

The warrants issued by the Company on October 1, 2009 were classified as a liability since the warrants met the classification requirements for liability accounting in accordance with ASC 815. At the time of issuance, the value of the warrants was estimated to be \$1.4 million. The Company expects an impact to the consolidated statement of operations when it records an adjustment to fair value of the warrants at the end of each quarterly reporting period going forward. As of December 31, 2009, March 31, 2010, and June 30, 2010, the value of the warrants was estimated to be \$1.1 million, \$0.8 million, and \$0.6 million, respectively. In the Notes to the Condensed Consolidated Financial Statements, see Footnote 3 – Equity Facility for additional information related to this equity line of credit.

Cost of financing instruments.

Costs incurred to enter into the Company's equity line of credit facility were expensed as incurred. On October 1, 2009, the Company recorded \$0.2 million related to the issuance of 185,185 shares of common stock. In March 2010, the Company initiated its first draw down under the Purchase Agreement and received \$2.0 million from the sale of 1,870,042 shares of common stock; with the total discount to volume weighted average price calculated on a daily basis totaling \$0.1 million, which was recorded as a non-operating expense within the condensed consolidated statement of operations. In the Notes to the Condensed Consolidated Financial Statements, see Footnote 3 – Equity Facility for additional information related to this equity line of credit.

Impairment of investment.

In April 2008, the Company invested approximately \$1.5 million in Lightron Corporation, a Korean company that is publicly traded on the Korean Stock Market. The Company initially accounted for this investment as an available-for-sale security. Due to the decline in the market value of this investment and the expectation of non-recovery of this investment beyond its current market value, the Company recorded a \$0.5 million "other than temporary" impairment loss on this investment as of September 30, 2008 and another \$0.4 million "other than temporary" impairment loss on this investment as of December 31, 2008. During the quarter ended June 30, 2009, the Company sold its interest in Lightron Corporation, via several transactions, for a total of \$0.5 million in cash. The Company recorded a gain on the sale of this investment of approximately \$21,000, after consideration of impairment charges recorded in previous periods, and the Company also recorded a foreign exchange loss of \$0.1 million due to the conversion from Korean Won to U.S. dollars.

Gain from sale of investment.

In January 2009, the Company announced that it completed the closing of a two step transaction involving the sale of its remaining interests in Entech Solar, Inc. (formerly named WorldWater and Solar Technologies Corporation). The Company sold its remaining shares of Entech Solar Series D Convertible Preferred Stock and warrants to a significant shareholder of both the Company and Entech Solar, for approximately \$11.6 million, which included additional consideration of \$0.2 million as a result of the termination of certain operating agreements with Entech Solar. During the three months ended March 31, 2009, the Company recognized a gain on the sale of this investment of approximately \$3.1 million.

Net Loss:

The consolidated net loss was \$22.8 million, an improvement of \$99.7 million, or 81%, from \$122.5 million reported in the prior year period, with the variance primarily due to the magnitude of the non-cash impairment charge discussed above, as well as improved operating performance at the gross margin level. The net loss per share for the nine months ended June 30, 2010 was \$0.28, an improvement of \$1.28 per share, from a net loss of \$1.56 per share reported in the prior year period.

Liquidity and Capital Resources

During the three months ended June 30, 2010, the Company incurred a net loss of \$9.2. The Company's operating results for future periods are subject to numerous uncertainties and it is unclear if the Company will be able to reduce or eliminate its net losses for the foreseeable future. In the event that management is not able to increase revenue and/or manage operating expenses in line with revenue forecasts, the Company may not be able to achieve profitability.

As of June 30, 2010, cash, cash equivalents, available-for-sale securities and current restricted cash totaled approximately \$16.0 million. Historically, management has addressed the Company's liquidity requirements through the combination of cost reduction initiatives, improvements in working capital management, capital markets transactions, and the sale of assets. In fiscal 2010, management continues to remain focused on reducing the amount of cash used from operations while developing additional sources of liquidity. For the nine months ended June 30, 2010, and 2009, the Company consumed cash from operations of approximately \$5.2 million and \$30.5 million, respectively. In fiscal 2010, the consumption of \$5.2 million of cash was entirely related to an increase in components of working capital. The Company consumed less cash from operations when compared to the prior year due to improved operating performance and working capital management. The Company achieved positive cash flow from operations in two of the last four quarters, including the quarters ended September 30, 2009 and March 31, 2010. In the fourth quarter, we expect the Company's operational performance will improve and cash will be generated through increases in gross margin and improvement in working capital management.

On October 1, 2009, the Company entered into an equity line of credit arrangement with Commerce Court Small Cap Value Fund, Ltd. ("Commerce Court"). Upon issuance of a draw-down request by the Company within the 24-month term of the purchase agreement, Commerce Court has committed to purchase up to \$25 million of the Company's common stock. See Footnote 3 – Equity Facility for additional information related to this equity line of credit.

We believe that our existing balances of cash, cash equivalents, and available-for-sale securities, together with amounts expected to be available under our revolving credit facility with Bank of America and the equity line of credit agreement with Commerce Court will provide us with sufficient financial resources to meet our cash requirements for operations, working capital, and capital expenditures for the next 12 months. However, in the event of unforeseen circumstances, or unfavorable market or economic developments, the Company may have to raise additional funds by any one or a combination of the following: issuing equity, debt or convertible debt, or selling certain product lines and/or portions of our business. There can be no guarantee that the Company will be able to raise additional funds on terms acceptable to us, or at all. A significant contraction in the capital markets, particularly in the technology sector, may make it difficult for us to raise additional capital if or when it is required, especially if the Company experiences negative operating results. In addition, as a result of the delay in filing this Quarterly Report, we are currently ineligible to register our securities on Form S-3. We may continue to use our currently effective Registration Statement on Form S-3 until we file our next Annual Report on Form 10-K, but during the period in which we are not able to use the registration statement, we may be unable to access financing under our equity line of credit agreement. If adequate capital is not available to us as required, or is not available on favorable terms, our business, financial condition and results of operations may be adversely affected.

Cash Flow

Cash Used for Operations

For the nine months ended June 30, 2010, net cash used by operating activities totaled approximately \$5.2 million, which represents a decrease of \$25.3 million, or 83%, from \$30.5 million in cash used by operating activities for the nine months ended June 30, 2009.

For the nine months ended June 30, 2010, the \$5.2 million cash usage was primarily due to the Company's net loss and an increase in certain components of working capital. The net increase in certain components of working capital of approximately \$5.9 million was primarily due to a \$4.6 million increase in inventory, a \$1.0 million increase in accounts receivable, a \$0.2 million increase in other assets, and a reduction in accrued expenses and other liabilities of \$2.3 million offset slightly by a \$2.2 million increase in accounts payable. Significant non-cash adjustments used to reconcile net loss to net cash used in operating activities included \$9.3 million related to depreciation and amortization expense, \$7.3 million related to stock-based compensation expense, \$2.3 million related to an increase in inventory reserves, \$2.0 million related to an increase in accounts receivable reserves, and \$1.0 million related to non-cash losses from financing instruments.

For the nine months ended June 30, 2009, the \$30.5 million cash usage was primarily due to the Company's net loss of \$122.5 million and an increase in certain components of working capital. The net increase in certain components of working capital of approximately \$10.7 million was primarily due to a \$30.5 million decrease in accounts payable and a \$5.8 million decrease in accrued expenses and other current liabilities offset by a \$13.5 million decrease in accounts receivable, a \$10.2 million decrease in inventory, and a \$1.9 million decrease in other assets. Significant non-cash adjustments used to reconcile net loss to net cash used in operating activities included \$60.8 million in impairment of goodwill within the Fiber Optics segment, \$14.9 million related to an increase in inventory provisions, \$12.9 million related to depreciation and amortization expense, \$6.5 million related to losses on firm purchase commitments, \$5.0 million related to stock-based compensation expense, \$4.8 million related to an increase in the provision for doubtful accounts, offset slightly by a gain of \$3.1 million from the sale of an unconsolidated affiliate.

Net Cash Provided by Investing Activities

For the nine months ended June 30, 2010, net cash provided by investing activities totaled \$42,000, which represents a significant decrease from \$14.4 million in cash provided by investing activities for the nine months ended June 30, 2009.

For the nine months ended June 30, 2010, the \$42,000 in net cash provided by investing activities was primarily due from the release of restricted cash of \$1.2 million and the sale of auction-rate securities of \$0.1 million offset by \$0.8 million in capital expenditures and \$0.5 million in patent investments.

For the nine months ended June 30, 2009, the \$14.4 million in net cash provided by investing activities was primarily due to \$11.0 million of proceeds from the sale of an unconsolidated affiliate, \$2.7 million received from the sale of available-for-sale securities, and \$1.9 million from the release of restricted cash offset by \$1.2 million in capital expenditures.

Net Cash Provided by Financing Activities

For the nine months ended June 30, 2010, net cash provided by financing activities totaled \$3.4 million, which represents a decrease of \$3.4 million from \$6.8 million in cash provided by financing activities for the nine months ended June 30, 2009.

For the nine months ended June 30, 2010, the \$3.4 million in net cash provided by financing activities consisted of \$2.0 million in net proceeds from the Company's equity line of credit facility with Commerce Court, \$1.0 million in proceeds from the Company's employee stock purchase plan, and \$0.6 million in additional borrowings under the Company credit line offset slightly by \$0.2 million of repayments on the Company's debt.

For the nine months ended June 30, 2009, the \$6.8 million in net cash provided by financing activities consisted of \$5.0 million in net borrowings under the Company's credit facility with Bank of America, \$0.9 million in net borrowings with UBS, and \$0.9 million in proceeds from the Company's employee stock purchase plan.

Contractual Obligations and Commitments

The Company's contractual obligations and commitments over the next five years are summarized in the table below:

| | For the Fiscal Years Ended September 30, | | | | |
|--|---|------------------|---------------------|---------------------|-----------------------|
| | Total | 2010 | 2011 to 2012 | 2013 to 2014 | 2015 and later |
| Operating lease obligations | \$ 6,942 | \$ 482 | \$ 2,887 | \$ 875 | \$ 2,698 |
| Line of credit | 10,932 | 10,932 | - | - | - |
| Short-term debt | 679 | 679 | - | - | - |
| Purchase obligations | 30,439 | 30,229 | 180 | 30 | - |
| Total contractual obligations and commitments | \$ 48,992 | \$ 42,322 | \$ 3,067 | \$ 905 | \$ 2,698 |

Interest expense is not included in the contractual obligations and commitments table above since it is insignificant to the Company's financial statements.

Operating leases

Operating leases include non-cancelable terms and exclude renewal option periods, property taxes, insurance and maintenance expenses on leased properties.

Line of Credit

In September 2008, the Company entered into a \$25 million asset-backed revolving credit facility with Bank of America, which can be used for working capital, letters of credit and other general corporate purposes. Subsequently, the credit facility was amended resulting in a reduction in the total loan availability to \$14 million. The credit facility matures in September 2011 and is secured by substantially all of the Company's assets. The credit facility is subject to a borrowing base formula based on eligible accounts receivable and provides for prime-based borrowings.

As of June 30, 2010, the Company had a \$10.9 million prime rate loan outstanding, with an interest rate of 8.25%, and approximately \$2.1 million in outstanding standby letters of credit under this credit facility. The Company completely paid off the outstanding loan on July 8, 2010 using cash on hand.

The facility is also subject to certain financial covenants. On February 8, 2010, the Company and Bank of America entered into a Sixth Amendment to the Company's credit facility, which (a) permits the Company to enter into foreign exchange hedging transactions pursuant to a separate facility with the bank, provided that available amounts under such facility shall be deducted from the maximum revolving loan limit under this facility; and (b) reset the EBITDA financial covenant for the first quarter of fiscal 2010. On May 6, 2010, the Company and Bank of America entered into a Seventh Amendment to the Company's credit facility, which reset the EBITDA and Fixed Charge Coverage Ratio financial covenants for the second quarter of fiscal 2010 and the remaining quarters of fiscal 2010. On August 11, 2010, the Company and Bank of America entered into an Eighth Amendment to the Company's credit facility which reset the EBITDA financial covenant for the third quarter of fiscal 2010.

Short-term Debt

In December 2008, the Company borrowed \$0.9 million from UBS Securities that was collateralized with auction rate preferred securities. The average interest rate on the loan is approximately 1.3% and the term of the loan is dependent upon the timing of the settlement of the auction rate securities with UBS Securities. The auction rate securities were settled at 100% par value and the short-term debt was repaid in July 2010 using cash on hand.

Segment Data and Related Information

In the Notes to the Condensed Consolidated Financial Statements, see Footnote 14 for disclosures related to business segment revenue, geographic revenue, significant customers, and operating loss by business segment.

Recent Accounting Pronouncements

In the Notes to the Condensed Consolidated Financial Statements, see Footnote 2 for disclosures related to recent accounting pronouncements.

Departure of Chief Financial Officer

On July 23, 2010, Mr. John M. Markovich, Chief Financial Officer, informed the Company of his intention to resign effective August 14, 2010. Mr. Markovich is leaving the Company to accept employment with another company. Subsequent to Mr. Markovich's departure, Mr. Reuben F. Richards, Jr., Executive Chairman and Chairman of the Board of the Company, will assume the responsibilities of principal financial officer of the Company and will act as its interim Chief Financial Officer. He will work with Company's finance and accounting staff and oversee the Company's financial operations until a new Chief Financial Officer is hired.

Tangshan Joint Venture

On February 3, 2010, the Company entered into a Share Purchase Agreement (the "Purchase Agreement") to create a joint venture with Tangshan Caofeidian Investment Corporation ("TCIC"), a Chinese investment company located in the Caofeidian Industry Zone, Tangshan City, Hebei Province of China. The Purchase Agreement provided for the Company to sell a sixty percent (60%) interest in its Fiber Optics business (excluding its satellite communications and specialty photonics fiber optics businesses) to TCIC, which would have been operated as a joint venture had the transaction been closed. The transaction was dependant upon receiving necessary regulatory approvals from the US government. In April 2010, the Company and TCIC had made a voluntary joint filing with the Committee on Foreign Investment in the United States ("CFIUS") in connection with the proposed transaction.

On June 24, 2010, the Company announced that both parties withdrew their joint filing with CFIUS in response to an indication from CFIUS that it had certain concerns about the transaction as it was proposed.

On August 2, 2010, the Company received notice (the "Termination Notice") from TCIC stating that the Purchase Agreement had been terminated by TCIC. The Termination Notice states that the Purchase Agreement was terminated pursuant to Section 9.1(m) of the Share Purchase Agreement, which permits the Purchase Agreement to be terminated in the event certain export control licenses are not obtained within the timeframe permitted by the Purchase Agreement. The Purchase Agreement provides for the Company to pay TCIC a termination fee of \$2,775,000 in the event of a termination pursuant to Section 9.1(m). The Company accrued the termination fee as a SG&A operating expense during the three months ended June 30, 2010. The parties are currently in discussions and negotiations regarding an alternative transaction between the parties which would not be subject to the same export control licenses and CFIUS review as the Purchase Agreement and the manner and the timing in which the termination fee will be paid.

ITEM 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

The Company maintains disclosure controls and procedures designed to provide reasonable assurance that information required to be disclosed in reports filed under the Securities Exchange Act of 1934 (the "Act") is recorded, processed, summarized, and reported within the specified time periods and accumulated and communicated to management, including its Chief Executive Officer (Principal Executive Officer) and Interim Chief Financial Officer (Principal Accounting Officer), as appropriate, to allow timely decisions regarding required disclosure.

Management, under the supervision and with the participation of its Chief Executive Officer (Principal Executive Officer) and Interim Chief Financial Officer (Principal Accounting Officer), evaluated the effectiveness of the Company's disclosure controls and procedures (as defined in Rules 13a-15(e) or 15d-15(e) promulgated under the Act), as of the end of the period covered by this report. Based on that evaluation, management concluded that, as of that date, the Company's disclosure controls and procedures were not effective because of the identification of material weaknesses in its internal control over financial reporting, as described below, which the Company views as an integral part of its disclosure controls and procedures.

Attached, as exhibits to this Quarterly Report on Form 10-Q, are certifications of the Company's Chief Executive Officer (Principal Executive Officer) and Interim Chief Financial Officer (Principal Financial Officer), which are required in accordance with Rule 13a-14 of the Act. This Disclosure Controls and Procedures section includes information concerning management's evaluation of disclosure controls and procedures referred to in those certifications and, as such, should be read in conjunction with the certifications of the Company's Chief Executive Officer (Principal Executive Officer) and Interim Chief Financial Officer (Principal Financial Officer).

Management's Report on Internal Control over Financial Reporting

Management is responsible for establishing and maintaining effective internal control over financial reporting of the Company. Management's intent is to design this system to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles in the United States of America.

The Company's internal control over financial reporting includes those policies and procedures that:

- 1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the Company;
- 2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with GAAP, and that receipts and expenditures of the Company are being made only in accordance with authorizations of management and directors of the Company; and
- 3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the Company's assets that could have a material effect on the financial statements.

A material weakness is a deficiency or combination of deficiencies, in internal controls over financial reporting such that there is a reasonable possibility that a material misstatement of the annual or interim financial statements will not be prevented or detected on a timely basis. As of June 30, 2010, management determined that there were control deficiencies that constituted material weaknesses, as described below.

(i) Control activities related to certain revenue transactions

The Company did not maintain effective controls over certain revenue transactions near June 30, 2010. Specifically, controls failed to provide reasonable assurance regarding the timing of recording sales transactions. These control deficiencies resulted in immaterial adjustments to the Company's financial statements for the three months ended June 30, 2010. Management determined that these control deficiencies constituted a material weakness in internal control over financial reporting.

(ii) Control activities related to certain inventory reserve transactions

The Company did not maintain effective controls over certain inventory reserve transactions. Specifically, controls were not designed and in place to provide reasonable assurance preventing the reversal of certain inventory reserves. These control deficiencies resulted in the correction of prior period financial statements. Management determined that these control deficiencies constituted a material weakness in internal control over financial reporting.

Given the identification of the above material weakness, we are continuing on a course of action that we anticipate will remediate the material weaknesses. The Company is in process of implementing additional enhancements or improvements to the Company's internal control over financial reporting related to the timing of revenue recognition and to inventory reserve transactions. Implementation of remediation actions is progressing as planned.

Changes in Internal Control over Financial Reporting

During the third quarter of fiscal 2010, we completed the upgrade of our enterprise resource planning ("ERP") system for the Company's broadband and specialty products business. Management expects to continue the implementation in succeeding phases over the course of the next twelve to twenty-four months in the rest of the Company's operations. The implementation of an ERP system has and will continue to affect our internal control over financial reporting by, among other things, improving user access security and automating a number of accounting and reporting processes and activities. Although management believes it has taken the necessary steps to monitor and maintain appropriate internal controls during this period of change, management has not completed its testing of the operating effectiveness of all key controls in the upgraded system. As such, there is a risk that significant control deficiencies may exist that have not yet been identified and that could constitute, individually or in combination, a material weakness. Management will continue to evaluate the operating effectiveness of related key controls during subsequent periods.

With the exception of the implementation of the ERP system at one of the Company's geographic locations as described above, there were no changes in the Company's internal control over financial reporting during the three months ended June 30, 2010 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

Limitations on the Effectiveness of Controls

Our management, including our Chief Executive Officer and Interim Chief Financial Officer, does not expect that our disclosure controls or our internal controls will prevent or detect all errors and all fraud. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the control system's objectives will be met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, within the Company have been detected. These inherent limitations include the realities that judgments in decision-making can be faulty, and that breakdowns can occur because of simple error or mistake. Controls can also be circumvented by the individual acts of some persons, by collusion of two or more people, or by management override of the controls. The design of any system of controls is based in part upon certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Over time, controls may become inadequate because of changes in conditions or deterioration in the degree of compliance with associated policies or procedures. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.

PART II. OTHER INFORMATION

ITEM 1. Legal Proceedings

Legal Proceedings

The Company is subject to various legal proceedings and claims that are discussed below. The Company is also subject to certain other legal proceedings and claims that have arisen in the ordinary course of business and which have not been fully adjudicated. The Company does not believe it has a potential liability related to current legal proceedings and claims that could individually, or in the aggregate, have a material adverse effect on its financial condition, liquidity or results of operations. However, the results of legal proceedings cannot be predicted with certainty. Should the Company fail to prevail in any legal matters or should several legal matters be resolved against the Company in the same reporting period, then the operating results of that particular reporting period could be materially adversely affected. In the past, the Company settled certain matters that did not individually, or in the aggregate, have a material impact on the Company's results of operations.

a) Intellectual Property Lawsuits

We protect our proprietary technology by applying for patents where appropriate and, in other cases, by preserving the technology, related know-how and information as trade secrets. The success and competitive position of our product lines are significantly impacted by our ability to obtain intellectual property protection for our R&D efforts.

We have, from time to time, exchanged correspondence with third parties regarding the assertion of patent or other intellectual property rights in connection with certain of our products and processes. Additionally, on September 11, 2006, the Company filed a lawsuit against Optium Corporation, currently part of Finisar Corporation (Optium) in the U.S. District Court for the Western District of Pennsylvania for patent infringement of certain patents associated with our Fiber Optics segment. In the suit, the Company and JDS Uniphase Corporation (JDSU) allege that Optium is infringing U.S. Patents numbers 6,282,003 (the "003 patent") and 6,490,071 (the "071 patent") with its Prisma II 1550nm transmitters. On March 14, 2007, following denial of a motion to add additional claims to its existing lawsuit, the Company and JDSU filed a second patent suit in the same court against Optium alleging infringement of U.S. Patent No. 6,519,374 (the "374 patent"). On March 15, 2007, Optium filed a declaratory judgment action against the Company and JDSU. Optium sought in this litigation a declaration that certain products of Optium do not infringe the 374 patent and that the patent is invalid, but the District Court dismissed the action on January 3, 2008 without addressing the merits. The 003 patent, the 071 patent, and the 374 patent are assigned to JDSU and licensed to the Company.

On December 20, 2007, the Company was served with a complaint in another declaratory relief action, which Optium had filed in the U.S. District Court for the Western District of Pennsylvania. This action sought to have the 003 patent and the 071 patent declared unenforceable because of certain conduct alleged to have occurred in connection with the prosecution of the applications for these patents. These allegations were substantially the same as those brought by Optium by motion in the Company's own case against Optium, which motion had been denied by the Court. On August 11, 2008, both actions pending in the U.S. Western District of Pennsylvania were consolidated before a single judge, and a trial date of October 19, 2009 was set. On February 18, 2009, the Company's motion for a summary judgment dismissing Optium's declaratory relief action was granted, and on March 11, 2009, the Company was notified that Optium intended to file an appeal of this order. On May 5, 2010, the Court of Appeals for the Federal Circuit rejected Optium's appeal and affirmed the summary judgment dismissing Optium's declaratory relief action.

On October 19, 2009, the U.S. District Court for the Western District of Pennsylvania granted the Company's motion for summary judgment that Optium infringed the 374 patent. In October 2009 the consolidated matters were tried before a jury, which found that all patents asserted against Optium were not invalid, that all claims asserted in the 003 patent and 071 patent were infringed, and that such infringement by Optium was willful where willfulness was asserted. The jury awarded the Company and JDSU monetary damages totaling approximately \$3.4 million. On June 18, 2010, Optium filed an appeal of this award with the Court of Appeals for the Federal Circuit. The Company filed its response brief in September 2010.

In accordance with U.S. GAAP, a contingency that might result in a gain should not be reflected in the financial statements because to do so might be to recognize income before its realization.

b) Avago-related Litigation

On July 15, 2008, the Company was served with a complaint filed by Avago Technologies and what appear to be affiliates thereof in the United States District Court for the Northern District of California, San Jose Division (Avago Technologies U.S., Inc., et al., Emcore Corporation, et al., Case No.: C08-3248 JW) (the "Commercial Case"). In this complaint, Avago asserts claims for breach of contract and breach of express warranty against Venture Corporation Limited (one of the Company's customers) and asserts a tort claim for negligent interference with prospective economic advantage against the Company.

On December 5, 2008, the Company was also served with a complaint by Avago Technologies filed in the United States District Court for the Northern District of California, San Jose Division alleging infringement of two patents by the Company's VCSEL products. (Avago Technologies Singapore et al., Emcore Corporation, et al., Case No.: C08-5394 EMC) (the N.D. CA Patent Case"). This matter has been stayed pending resolution of the International Trade Commission matter described immediately below.

On March 5, 2009, the Company was notified that, based on a complaint filed by Avago alleging the same patent infringement that formed the basis of the complaint previously filed in the Northern District of California, the U.S. International Trade Commission (the "ITC") had determined to begin an investigation titled "In the Matter of Certain Optoelectronic Devices, Components Thereof and Products Containing the Same", Inv. No. 337-TA-669. This matter was tried before an administrative law judge of the ITC from November 16-20, 2009.

On March 12, 2010, the Company was advised that an initial determination had been issued by the administrative law judge of the ITC that found that one of the two patent claims asserted against the Company related to certain of the Company's products was both valid and infringed. This initial determination is subject to review and confirmation by the ITC itself. On March 29, 2010, the Company filed a petition with the ITC for a review of certain portions of the initial determination that were adverse to the Company. The ITC declined to review the initial determination.

On July 12, 2010, the ITC issued its Final Determination, as well as a limited exclusion order and cease and desist order directed to the Company's infringing products which prohibits importation of those products into the United States. Those remedial orders were reviewed by the President of the United States and his decision to approve those orders was issued on September 10, 2010, thereby prohibiting further importation of the infringing products. These remedial orders do not apply to any of the products sold by the Company's customers that may contain infringing products.

The ITC does not have the authority to award damages for patent infringement; therefore, there was no financial penalty as a result of the Final Determination. The Company has formulated and implemented a product redesign intended to eliminate the impact of the accused infringement, the exclusion, and the cease and desist orders issued by the ITC. The Company continues to actively pursue its re-design strategy, including qualifying the newly re-designed products with certain of its major customers. The ITC decision will also not be binding in the N.D. CA Patent Case which will remain stayed until all appeals of the ITC decision have been exhausted.

The Company intends to vigorously defend against the allegations of both the N.D. CA Patent Case and the Commercial Case.

c) Green and Gold related litigation

On December 23, 2008, Plaintiffs Maurice Prissert and Claude Prissert filed a purported stockholder class action (the "Prissert Class Action") pursuant to Federal Rule of Civil Procedure 23 allegedly on behalf of a class of Company shareholders against the Company and certain of its present and former directors and officers (the "Individual Defendants") in the United States District Court for the District of New Mexico captioned, Maurice Prissert and Claude Prissert v. EMCORE Corporation, Adam Gushard, Hong Q. Hou, Reuben F. Richards, Jr., David Danzilio and Thomas Werthan, Case No. 1:08cv1190 (D.N.M.). The Complaint alleges that Company and the Individual Defendants violated certain provisions of the federal securities laws, including Section 10(b) of the Securities Exchange Act of 1934, arising out of the Company's disclosure regarding its customer Green and Gold Energy ("GGE") and the associated backlog of GGE orders with the Company's Photovoltaics business segment. The Complaint in the Class Action seeks, among other things, an unspecified amount of compensatory damages and other costs and expenses associated with the maintenance of the Action. On or about February 12, 2009, a second purported stockholder class action (Mueller v. EMCORE Corporation et al., Case No. 1:09cv 133 (D.N.M.)) (the "Mueller Class Action") was filed in the United States District Court for the District of New Mexico against the same defendants named in the Prissert Class Action, based on substantially the same facts and circumstances, containing substantially the same allegations and seeking substantially the same relief.

Plaintiffs in both class actions have moved to consolidate the matters into a single action. On September 25, 2009, the court issued an order consolidating both the Prissert and Mueller actions into one consolidated proceeding, but denied plaintiffs' motions for appointment of a lead plaintiff or lead plaintiff's counsel. On July 15, 2010, the court appointed IBEW Local Union No. 58 Annuity Fund to serve as lead plaintiff ("IBEW"), but denied, without prejudice, IBEW's motion to appoint lead counsel. IBEW has not yet renewed its motion to appoint lead counsel.

On January 23, 2009, Plaintiff James E. Stearns filed a purported stockholder derivative action (the "Stearns Derivative Action") on behalf of the Company against the Individual Defendants, as well as the Company as nominal defendant in the Superior Court of New Jersey, Atlantic County, Chancery Division (James E. Stearns, derivatively on behalf of EMCORE Corporation v. Thomas J. Russell, Robert Bogomolny, Charles Scott, John Gillen, Reuben F. Richards, Jr., Hong Q. Hou, Adam Gushard, David Danzilio and Thomas Werthan, Case No. Atl-C-10-09). This action is based on essentially the same factual contentions as the Prissert Class Action, and alleges that the Individual Defendants engaged in improprieties and violations of law in connection with the reporting of the GGE backlog. The Stearns Derivative Action seeks several forms of relief, allegedly on behalf of the Company, including, among other things, damages, equitable relief, corporate governance reforms, an accounting of, rescission of, restitution of, and costs and disbursements of the lawsuit.

On March 11, 2009, Plaintiff Gary Thomas filed a second purported shareholder derivative action (the “Thomas Derivative Action”; together with the Stearns Derivative Action, the “Derivative Actions”) in the U.S. District Court for the District of New Mexico against the Company and certain of the Individual Defendants (Gary Thomas, derivatively on behalf of EMCORE Corporation v. Thomas J. Russell, Robert Bogomolny, Charles Scott, John Gillen, Reuben F. Richards, Jr., Hong Q. Hou, and EMCORE Corporation, Case No. 1.09-cv-00236, (D.N.M.)). The Thomas Derivative Action makes the same allegations as the Stearns Derivative Action and seeks essentially the same relief.

The Stearns Derivative Action and the Thomas Derivative action have been consolidated before a single judge in Somerset County, New Jersey, and have been stayed pending the Prissert and Mueller Class Actions.

The Company intends to vigorously defend against the allegations of both the Class Actions and the Derivative Actions.

d) Securities Matters

SEC Communications. On February 24, 2010, the Company received a letter from the Securities and Exchange Commission's Division of Enforcement dated February 2, 2010 stating that the staff has completed its investigation of EMCORE Corporation that the Company had disclosed in its Form 10-K filed for its fiscal year ended September 30, 2009. The letter further advised the Company that the staff of the Division of Enforcement did not intend to recommend any enforcement action against the Company.

NASDAQ Communication. On March 8, 2010, the Company received notice from the NASDAQ Listings Qualifications group, stating that it had closed its inquiry involving EMCORE Corporation that the Company had disclosed in its Form 10-K filed for its fiscal year ended September 30, 2009.

As of June 30, 2010 and the filing date of this Quarterly Report on Form 10-Q, no amounts have been accrued for any litigation item discussed above since no estimate of loss can be made at this time.

ITEM 1A. Risk Factors

In addition to the other information set forth in this report, you should carefully consider the risk factors discussed in Part I, Item 1A. “Risk Factors” in our Annual Report on Form 10-K for the year ended September 30, 2009, which could materially affect our business, financial condition or future results. The risks described in our Annual Report on Form 10-K are not the only risks facing our Company. Additional risks and uncertainties not currently known to us also may materially adversely affect our business, financial condition and/or operating results.

The success of our Suncore joint venture will depend on our ability, together with our joint venture partner, to complete the establishment of the joint venture entity in China and meet our financial and other obligations to the joint venture entity. Any failure to complete the establishment and capitalization of the joint venture entity could impede or prevent us from successful implementation of our joint venture agreement.

Our agreement with San'an Optoelectronics Co., Ltd. for the creation of the Suncore joint venture in China provides for the joint venture parties to cooperate in completing the regulatory procedures necessary to establish the joint venture entity in China and to make capital contributions and provide other financial and technical support to the joint venture entity over the term of the agreement. Any failure by us or our joint venture partner to meet these requirements could impede our ability to, or prevent us from, successfully implementing the joint venture agreement. If we are not successful in implementing the joint venture agreement, we may be delayed in achieving our strategic goals associated with the joint venture, and our financial condition and operating results may be materially and adversely affected.

If the Suncore joint venture entity is established pursuant to our joint venture agreement, the successful implementation of the joint venture will be subject to additional risks and uncertainties that may have an adverse material effect on the joint venture's performance.

Even if the joint venture entity is established and capitalized pursuant to the terms of our joint venture agreement, the implementation of the joint venture transaction will be subject to additional risks and uncertainties. The success of the joint venture will depend in part on its ability to compete in the emerging renewable energy markets in China and other regions, which will require the joint venture entity to keep pace with rapidly developing technologies and newly emerging competitors. In addition, the success of the joint venture will depend on its ability to retain key personnel and successfully penetrate the markets for its products. Because we will share ownership and management of the joint venture, the management of these risks will not be entirely within our control.

The delay in filing this Quarterly Report resulted in a period of noncompliance with our public reporting requirements, which could make it more difficult for us to access capital markets and adversely affect our ability to satisfy liquidity needs, finance our working capital requirements or raise capital for other purposes.

On August 16, 2010, we announced that the necessity to complete the compilation and review of our financial statements had resulted in a delay in filing this Quarterly Report. As a result of the late filing, we are currently ineligible to register our securities on Form S-3. We may, however, continue to use our currently effective Registration Statement on Form S-3 until we file our next Annual Report on Form 10-K. Use of Form S-3 requires, among other things, that the issuer be current and timely in its reports under the Exchange Act for at least twelve months. Because of our inability to use Form S-3, we will have to meet more demanding requirements to register additional securities, which will make it more difficult for us to effect public offering transactions, and our range of available financing alternatives could also be narrowed. In addition, during the period in which we are not able to use our currently effective Registration Statement on Form S-3, we may be unable to access financing under our equity line of credit agreement.

If our common stock fails to meet the listing requirements of NASDAQ and is delisted from trading on the NASDAQ, the market price of our common stock could be adversely affected.

Our common stock is currently listed on The NASDAQ Global Market under the symbol "EMKR". The NASDAQ's listing requirements include a requirement that, for continued listing, an issuer's common shares trade at a minimum bid price of \$1.00 per share. This requirement is deemed breached when the bid price of an issuer's common shares closes below \$1.00 per share for 30 consecutive trading days. On September 23, 2010, the Company received a notification from the NASDAQ indicating that the minimum bid price of the Company's common stock has been below \$1.00 per share for 30 consecutive business days and as a result, the Company is not in compliance with the minimum bid price requirement for continued listing set forth in NASDAQ Listing Rule 5450(a)(1). The NASDAQ notice has no immediate effect on the listing or trading of the Company's common stock.

Under NASDAQ Listing Rule 5810(c)(3)(A), the Company has a grace period of 180 calendar days, or until March 22, 2011, in which to regain compliance with the minimum bid price rule. To regain compliance, the closing bid price of the Company's common stock must meet or exceed \$1.00 per share for a minimum of ten consecutive business days during this 180-day grace period.

If the Company does not regain compliance before March 22, 2011, the NASDAQ stated that it will provide the Company with written notice that its securities are subject to delisting. At that time, the Company may appeal the NASDAQ's determination to a NASDAQ Listing Qualifications Panel, which would stay any further delisting action by the NASDAQ pending a final decision by the panel. Alternatively, the Company may be eligible for an additional grace period if it meets the initial listing standards, with the exception of bid price, for the NASDAQ Capital Market, and the Company successfully applies for a transfer of its securities to that market. Such a transfer would provide the Company with an additional 180 calendar day period to regain compliance with the minimum bid requirement.

The Company actively monitors the price of its common stock and will consider available options, including, but not limited to, a reverse stock split, to regain compliance with the continued listing standards of the NASDAQ. However, there can be no assurance that these actions will be successful in maintaining our listing on NASDAQ. A delisting of our common stock from the NASDAQ could adversely affect the liquidity of the trading market for our stock and therefore the market price of our common stock.

The market price for our common stock has experienced significant price and volume volatility and is likely to continue to experience significant volatility in the future. This volatility may impair our ability to finance strategic transactions with our stock or otherwise adversely affect our business and results of operations.

The closing price of our common stock fluctuated from a high of \$1.72 per share to a low of \$0.71 per share during the fiscal year ended September 30, 2010. Our stock price is likely to experience significant volatility in the future as a result of numerous factors outside our control. Significant declines in our stock price may interfere with our ability to raise additional funds through equity financing or to finance strategic transactions with our stock. A significant adverse change in the market value of the Company's common stock could also trigger an interim goodwill impairment test that may result in a non-cash impairment charge. We have historically used equity incentive compensation as part of our overall compensation arrangements. The effectiveness of equity incentive compensation in retaining key employees may be adversely impacted by volatility in our stock price. In addition, there may be increased risk of securities litigation following periods of fluctuations in our stock price. Securities class action lawsuits are often brought against companies after periods of volatility in the market price of their securities. These and other consequences of volatility in our stock price could have the effect of diverting management's attention and could adversely affect our business and results of operations.

ITEM 6. Exhibits

| Exhibit Number | Description |
|-----------------------|--|
| 31.1* | Certificate of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, dated October 5, 2010. |
| 31.2* | Certificate of Interim Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, dated October 5, 2010. |
| 32.1* | Certificate of Chief Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, dated October 5, 2010. |
| 32.2* | Certificate of Interim Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, dated October 5, 2010. |

* *Filed herewith*

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 thereunto duly authorized.

EMCORE CORPORATION

Date: **October 5, 2010**

By: **/s/ Hong Hou**
Hong Q. Hou, Ph.D.
Chief Executive Officer
(Principal Executive Officer)

Date: **October 5, 2010**

By: **/s/ Reuben Richards**
Reuben F. Richards, Jr.
Interim Chief Financial Officer
(Principal Financial and Accounting Officer)

EMCORE CORPORATION
CERTIFICATION PURSUANT TO SECTION 302
OF THE SARBANES-OXLEY ACT OF 2002

I, Hong Q. Hou, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of EMCORE Corporation ("Report");
2. Based on my knowledge, this Report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this Report;
3. Based on my knowledge, the financial statements, and other financial information included in this Report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this Report;
4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this Report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this Report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this Report based on such evaluation; and
 - d. Disclosed in this Report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: **October 5, 2010**

By: **/s/ Hong Hou**
Hong Q. Hou, Ph.D.
Chief Executive Officer
(Principal Executive Officer)

EMCORE CORPORATION
CERTIFICATION PURSUANT TO SECTION 302
OF THE SARBANES-OXLEY ACT OF 2002

I, Reuben F. Richards, Jr., certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of EMCORE Corporation ("Report");
2. Based on my knowledge, this Report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this Report;
3. Based on my knowledge, the financial statements, and other financial information included in this Report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this Report;
4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this Report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this Report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this Report based on such evaluation; and
 - d. Disclosed in this Report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: **October 5, 2010**

By: **/s/ Reuben Richards**
Reuben F. Richards, Jr.
Interim Chief Financial Officer
(Principal Financial and Accounting Officer)

**STATEMENT REQUIRED BY 18 U.S.C. §1350, AS ADOPTED
PURSUANT TO §906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report on Form 10-Q of EMCORE Corporation (the "Company") for the quarter ended June 30, 2010, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Hong Q. Hou, Ph.D., Chief Executive Officer (Principal Executive Officer) of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

- 1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- 2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: **October 5, 2010**

By: **/s/ Hong Hou**
Hong Q. Hou, Ph.D.
Chief Executive Officer
(Principal Executive Officer)

A signed original of this written statement required by Section 906 has been provided to EMCORE Corporation and will be retained by EMCORE Corporation and furnished to the Securities and Exchange Commission or its staff upon request. This certification has not been, and shall not be deemed to be, filed with the Securities and Exchange Commission.

**STATEMENT REQUIRED BY 18 U.S.C. §1350, AS ADOPTED
PURSUANT TO §906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report on Form 10-Q of EMCORE Corporation (the "Company") for the quarter ended June 30, 2010, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Reuben F. Richards, Jr., Interim Chief Financial Officer (Principal Financial and Accounting Officer) of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

- 1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- 2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: **October 5, 2010**

By: **/s/ Reuben Richards**
Reuben F. Richards, Jr.
Interim Chief Financial Officer
(Principal Financial and Accounting Officer)

A signed original of this written statement required by Section 906 has been provided to EMCORE Corporation and will be retained by EMCORE Corporation and furnished to the Securities and Exchange Commission or its staff upon request. This certification has not been, and shall not be deemed to be, filed with the Securities and Exchange Commission.
