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

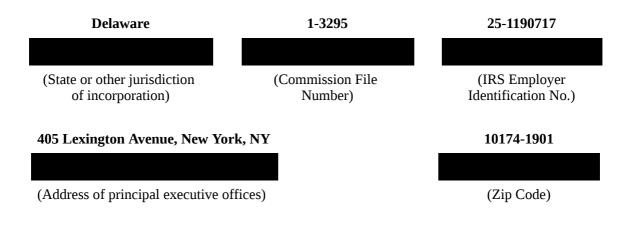
FORM 8-K

CURRENT REPORT Pursuant to Section 13 OR 15(D) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): July 29, 2004

MINERALS TECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)



(212) 878-1800

(Registrant's telephone number, including area code)

(c) Exhibits

99.1 Press Release dated July 29, 2004

Item 12. Results of Operations and Financial Condition

On July 29, 2004, Minerals Technologies Inc. issued a press release concerning its financial performance for the second quarter of 2004 and its intention to restate its financial statements for the fiscal quarter ended September 28, 2003 and for the fourth quarter and fiscal year ended December 31, 2003. A copy of the press release is attached as Exhibit 99.1.

The information in this Item 12 and Exhibit 99.1 shall not be deemed filed for the purposes of Section 18 of the Securities and Exchange Act of 1934, as amended, or incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

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SIGNATURES

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

MINERALS TECHNOLOGIES INC. (Registrant)

By: /s/ S. Garrett Gray

S. Garrett Gray Vice President, General Counsel and Secretary

Date: July 29, 2004

MINERALS TECHNOLOGIES INC.

EXHIBIT INDEX

Exhibit No.	Subject Matter
99.1	Press Release dated July 29, 2004

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News

For Immediate Release July 29, 2004

Contact: Rick B. Honey (212) 878-1831

MINERALS TECHNOLOGIES INC. REPORTS REPORTS SECOND QUARTER DILUTED EARNINGS PER SHARE OF \$0.73, INCLUDING A RESTRUCTURING CHARGE OF \$0.01

Company Announces Restatement of 2003 Financial Statements For Treatment of Tax Reversal; Restatement Has No Impact on Income from Operations, Cash Flows or Assets and Liabilities

NEW YORK, July 29-- Minerals Technologies Inc. (NYSE: MTX) today reported second quarter net income of \$15.1 million, a 6-percent increase over the \$14.3 million reported in the second quarter of 2003. Diluted earnings per common share were \$0.73 compared with \$0.70 in the same period last year, a 4-percent increase. The \$0.73 per share includes a restructuring charge of \$0.01 per share from a program announced last year.

"We are pleased with our second quarter financial performance, despite some of the increased costs we faced," said Paul R. Saueracker, chairman, president and chief executive officer. "We saw improved sales across all products lines, while at the same time we experienced increased raw material costs, primarily in refractories, higher R&D spending, which had been planned, and litigation costs to protect our intellectual property."

Worldwide sales in the quarter increased 13 percent to \$229.3 million from \$202.4 million in the previous year. Foreign exchange had a favorable impact on sales of approximately \$5.7 million, or 3 percentage points of sales growth. Income from operations, including restructuring costs, was \$22.9 million, or 6 percent higher than the \$21.6 million reported for the second quarter of 2003.

For the first six months of 2004, net income increased 8 percent to \$27.7 million from \$25.8 million last year. Diluted earnings per common share increased 5 percent to \$1.33 from \$1.27 for the same period in 2003.

Worldwide sales for the first six months of 2004 increased 9 percent to \$438.8 million from \$403.8 million reported last year. The favorable impact of foreign exchange on sales for the first six months of 2004 was approximately \$15.7 million, or 4 percentage points of growth. Operating income for the first six months of 2004, including restructuring costs, was \$43.0 million compared with \$44.1 million reported in the first half of 2003.

Sales in the Specialty Minerals segment, which includes the PCC and Processed Minerals product lines, increased 13 percent to \$155.1 million from \$137.4 million in the comparable quarter of 2003. Income from operations for the second quarter of 2003, including restructuring costs of \$0.2 million, was \$16.1 million, a 3-percent increase over the \$15.6 million reported the previous year. For the first six months of 2004, Specialty Minerals sales increased 9 percent to \$298.9 million from \$275.1 million in the same period in 2003. Income from operations for the six months, including restructuring costs of \$0.6 million, decreased 5 percent to \$29.6 million from \$31.1 million in the first half of last year.

Worldwide sales of PCC, which is used primarily in the manufacturing processes of the paper industry, increased 11 percent to \$118.5 million compared with \$106.6 million in the second quarter of 2003. For the six months, PCC sales increased 7 percent, to \$230.9 million from \$215.8 million last year.

Sales of PCC used for filling and coating paper had a 7-percent growth in tonnage in the second quarter. "We experienced good volume growth in Europe due to an overall increase in production of

printing and writing papers," said Mr. Saueracker. "Also, on a global basis, we continue to be pleased with the increasing acceptance of our new generation of paper coating products. Furthermore, we received contributions from our new satellite PCC plant in Malaysia and the re-start of the satellite PCC facility at Millinocket, Maine, which had been idle since December 2002."

Sales of Specialty PCC, used in non-paper applications, also recorded double-digit growth in the quarter with increased sales in the construction and consumer products sectors.

Worldwide sales of Processed Minerals products increased 19 percent in the second quarter to \$36.6 from \$30.8 million in the same period in 2003. This growth was the result of improved market conditions and increased penetration in building products and plastics. For the six months, sales of Processed Minerals products increased 15 percent to \$68.0 million from \$59.3 million in the first half of 2003. These products are used in the building materials, polymers, ceramics, paints and coatings, glass and other manufacturing industries.

Sales in the Refractories segment, the products of which are used primarily in the steel industry, increased 14 percent to \$74.2 million from \$65.0 million in the same period of 2003. Income from operations, including restructuring costs of \$0.2 million, increased 13 percent to \$6.8 million from \$6.0 million in the same period of 2003.

"Although operating margins were affected by the higher costs of raw materials, this segment recorded significant growth in North America--our largest market. This was the result of both our improved performance and better steel industry conditions in that region," said Mr. Saueracker. "However, performance of our refractories segment in Europe and Latin America was weak."

For the first six months of 2004, net sales of refractory products were \$139.9 million, a 9-percent increase from \$128.7 million reported in the first half of 2003. Income from operations for the six months, including restructuring costs of \$0.4 million, increased 3 percent to \$13.4 million from \$13.0 million in the prior year.

"Despite some increased expenses and a relatively slow start to the quarter, we achieved good financial performance," said Mr. Saueracker. "This performance is the result of the success of our key marketing programs we have in place in both segments. We believe we have a strong business foundation and the right strategies in place for our continued growth."

Restatement of 2003 Financial Results

The company also announced that it has revised the accounting treatment with respect to the reversal of certain of its tax reserves during the second half of 2003. As a result of this reversal, the company will restate its financial statements for the fiscal quarter ended September 28, 2003 and for the fourth quarter and fiscal year ended December 31, 2003.

As was previously disclosed, during the third and fourth quarters of 2003, following the expiration of applicable statutes of limitations, the company reversed certain tax reserves, resulting in a reduction to the income tax provision of approximately \$15 million, or \$0.73 per share. Before releasing its third quarter earnings and audited financial statements for 2003, the company consulted with its independent auditors, who concurred with the accounting treatment of this transaction. However, following recent discussions with the independent auditors, it has been determined that the reversal of the tax reserves should have been treated as an equity transaction and reflected as additional paid-in capital of \$15 million. Accordingly, the company will be restating its third quarter, fourth quarter and full year 2003 financial results.

"This restatement is due entirely to this technical correction. It has no impact on the underlying business of the company, its income from operations, cash flows or assets and liabilities," said Mr. Saueracker. "Furthermore, the original accounting treatment as well as this correction have not and will not impact any payments under the company's officer and management compensation plans."

The company has scheduled an analyst conference call for July 30, 2004 at 11:00 a.m. to discuss operating results for the second quarter. The conference call will be broadcast over the company's website, *www.mineralstech.com*.

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This press release contains some forward-looking statements; in particular statements of anticipated changes in the business environment in which the company operates and in the company's future operating rate. Actual results may differ materially from these expectations. The company undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future events, or otherwise. Forward-looking statements in this document should be evaluated together with the many uncertainties that affect our businesses, particularly those mentioned in the cautionary statements in our

2003 Annual Report Form 10-K and in our other reports filed with the Securities and Exchange Commission.

CONSOLIDATED STATEMENT OF INCOME MINERALS TECHNOLOGIES INC. AND SUBSIDIARY COMPANIES (thousands of dollars, except per share data) (unaudited)

	Second Quarter		%	Six months			%	
		<u>2004</u>	<u>2003</u>	<u>Change</u>		<u>2004</u>	<u>2003</u>	<u>Change</u>
Net sales	\$	229,292	\$ 202,374	13	\$	438,765	\$403,824	9
Operating costs and expenses:		,	,			,		
Cost of goods sold		174,998	152,378	15		334,805	304,061	10
Marketing and administrative expenses		23,579	21,862	8		45,790	42,999	6
Research and development expenses		7,378	6,535	13		14,195	12,620	12
Restructuring charges		<u>428</u>	<u>0</u>	N/A		<u>1,000</u>	<u>0</u>	N/A
Income from operations		22,909	21,599	6		42,975	44,144	(3)
Non-operating deductions - net		725	<u>1,441</u>	(50)		<u>2,290</u>	<u>2,468</u>	(7)
Income before provision for taxes								
on income and minority interests		22,184	20,158	10		40,685	41,676	(2)
Provision for taxes on income		6,593	5,494	20		12,093	11,628	4
Minority interests		<u>473</u>	<u>381</u>	24		<u>884</u>	<u>848</u>	4
Income before cumulative effect of								
accounting change		15,118	14,283	6		27,708	29,200	(5)
Cumulative effect of accounting change		<u>0</u>	<u>0</u>			<u>0</u>	<u>3,433</u>	(100)
Net income	\$	<u>15,118</u>	\$ <u>14,283</u>	6	\$	<u>27,708</u>	\$ <u>25,767</u>	8
Weighted average number of common shares outstanding:								
Basic		20,559	20,094			20,520	20,105	
Diluted		20,802	20,335			20,760	20,279	
Earnings per share: Basic								
Before cumulative effect of accounting								
change	\$	0.74	\$ 0.71	4	\$	1.35	\$ 1.45	(7)
Cumulative effect of accounting change						<u></u>	<u>(0.17)</u>	
Basic earnings per share	\$	0.74	\$ 0.71	4	\$	<u>1.35</u>		5
Diluted								
Before cumulative effect of accounting								
change	\$	0.73	\$ 0.70	4	\$	1.33	\$ 1.44	(8)
Cumulative effect of accounting change		<u></u>	<u></u>			<u></u>	<u>(0.17)</u>	
Diluted earnings per share	\$	<u>0.73</u>	\$ <u>0.70</u>	4	\$	<u>1.33</u>	\$ <u>1.27</u>	5
Cash dividends declared per common share	\$	<u>0.050</u>	\$ <u>0.025</u>		\$	<u>0.10</u>	\$ <u>0.05</u>	

1) For the periods ended June 27, 2004 and June 29, 2003.

2) Sales increased 12% in the United States in the second quarter and 6% for the first six months of 2004. International sales increased approximately 15% in the second quarter and 13% for the first six months of 2004.

3) The Company recorded restructuring charges of \$0.4 million in the second quarter of 2004 and \$1.0 million in the first half of 2004 related to the program announced in December 2003. These charges relate to workforce reductions from business units and organization levels throughout the Company's worldwide operations.

4) Effective January 1, 2003, the Company adopted SFAS No. 143, "Accounting for Asset Retirement Obligations." Upon adoption, the Company recorded a non-cash after-tax charge to earnings of approximately \$3.4 million in the first quarter of 2003 for the cumulative effect of this accounting change related to retirement obligations associated with the Company's PCC satellite facilities and its mining properties.

5) The Company paid approximately \$0.7 million of one-time termination benefits to a group of employees at a Specialty Minerals facility in the United Kingdom in the first quarter of 2003. Such charge is included in cost of goods sold.6) The results of operations for the interim period ended June 27, 2004 are not necessarily indicative of the results that ultimately might be achieved for the current year.

7) The analyst conference call to discuss operating results for the second quarter is scheduled for July 30, 2004 at 11:00 a.m. and will be broadcast over the Company's website (www.mineralstech.com). The broadcast will remain on the Company's website for no less than one year.

MINERALS TECHNOLOGIES INC AND SUBSIDIARY COMPANIES CONDENSED CONSOLIDATED BALANCE SHEET

ASSETS

(In Thousands of Dollars)

	June 27,	December 31,
	<u>2004*</u>	2003**
Current assets:		
Cash & cash equivalents	93,604	90,515
Accounts receivable, net	170,411	147,600
Inventories	88,310	86,378
Other current assets	<u>19,118</u>	<u>15,632</u>
Total current assets	371,443	340,125
Property, plant and equipment	1,231,222	1,209,950
Less accumulated depreciation	<u>669,594</u>	<u>648,362</u>
Net property, plant & equipment	561,628	561,588
Goodwill	52,667	52,721
Prepaid benefit cost	45,747	46,251
Other assets and deferred charges	<u>34,156</u>	<u>34,815</u>
Total assets	<u>1,065,641</u>	<u>1,035,500</u>

LIABILITIES AND SHAREHOLDERS' EQUITY

Current liabilities:		
Short-term debt	33,530	33,522
Accounts payable	44,218	44,217
Other current liabilities	<u>48,263</u>	<u>44,296</u>
Total current liabilities	126,011	122,035

Long-term debt Other non-current liabilities Total liabilities	96,700 <u>108,173</u> 330,884	98,159 <u>107,925</u> 328,119
Total shareholders' equity	<u>734,757</u>	<u>707,381</u>
Total liabilities and shareholders' equity	<u>1,065,641</u>	<u>1,035,500</u>

* Unaudited.

** Condensed from audited financial statements.

CONDENSED CONSOLIDATED STATEMENT OF INCOME MINERALS TECHNOLOGIES INC. AND SUBSIDIARY COMPANIES (thousands of dollars, except per share data) (unaudited)

Nine Months

Third Quarter

		and Quarte	-		-			
	As Previously Reported 2003	As Restated 2003	2002	% Change	As Previously Reported 2003	As Restated 2003	2002	% Change
Net sales	\$ 198,234	\$ 198,234	\$ 192,134	3 \$	602,058	\$ 602,058	\$ 557,962	8
Operating costs and expenses	<u>178,695</u>	<u>178,695</u>	<u>170,505</u>	5	<u>538,375</u>	<u>538,375</u>	<u>493,913</u>	9
Income from operations	19,539	19,539	21,629	(10)	63,683	63,683	64,049	(1)
Non-operating deductions - net	<u>1,100</u>	<u>1,100</u>	<u>1,081</u>	2	<u>3,568</u>	<u>3,568</u>	<u>4,040</u>	(12)
Income before provision for taxes on income and minority interests	18,439	18,439	20,548	(10)	60,115	60,115	60,009	0
Provision (benefit) for taxes on income	(6,338)	5,144	5,853	(12)	5,290	16,772	17,087	(2)
Minority interests	<u>526</u>	<u>526</u>	<u>482</u>	9	<u>1,374</u>	<u>1,374</u>	<u>1,169</u>	18
Income before cumulative effect of accounting change	24,251	12,769	14,213	(10)	53,451	41,969	41,753	1
Cumulative effect of accounting change, net of tax	<u>0</u>	<u>0</u>	<u>0</u>		<u>3,433</u>	<u>3,433</u>	<u>0</u>	
Net income	\$ <u>24,251</u>	\$ <u>12,769</u>	\$ <u>14,213</u>	(10) \$	<u>50,018</u>	\$ <u>38,536</u>	\$ <u>41,753</u>	(8)

Earnings per share:								
Basic								
Before cumulative effect of accounting change	\$ 1.20 \$	0.63 \$	0.70	(10) \$	2.65 \$	2.08 \$	2.07	0
Cumulative effect of accounting change	<u>0</u>	<u>0</u>	<u>0</u>		<u>(0.17)</u>	<u>(0.17)</u>	<u>0</u>	
Basic earnings per share	\$ <u>1.20</u> \$	<u>0.63</u> \$	<u>0.70</u>	(10) \$	<u>2.48</u> \$	<u>1.91</u> \$	<u>2.07</u>	(8)
Diluted								
Before cumulative effect of accounting change	\$ 1.18 \$	0.62 \$	0.70	(11) \$	2.63 \$	2.06 \$	2.02	2
Cumulative effect of accounting change Diluted earnings	<u>0</u>	<u>0</u>	<u>0</u>		<u>(0.17)</u>	<u>(0.17)</u>	<u>0</u>	
per share	\$ <u>1.18</u> \$	<u>0.62</u> \$	<u>0.70</u>	(11) \$	<u>2.46</u> \$	<u>1.89</u> \$	<u>2.02</u>	(6)
Cash dividends declared per common share	\$ <u>0.025</u> \$	<u>0.025</u> \$	<u>0.025</u>	\$	<u>0.075</u> \$	<u>0.075</u> \$	<u>0.075</u>	

1) For the periods ended September 28, 2003 and September 29, 2002.

2) Restatement of Previously Reported Financial Information

As a result of the expiration during the third quarter of the statute of limitations on the Company's U.S. tax returns for earlier years, certain tax reserves have been reversed. This one-time, non-cash item was previously recorded as a reduction to the tax provision for 2003 of approximately \$15 million, of which \$11.5 million or \$0.56 per share, was reversed in the third quarter. The Company has now determined that the reversal of such tax reserves would more appropriately be treated as an equity transaction and should be reflected as an increase in additional paid-in capital of \$15 million because such tax accruals were established for potential exposure items related to the tax bases of assets caused by the initial public offering of the Company's common stock in October 1992.

This technical restatement has no impact on income from operations, cash flows or assets and liabilities of the Company, including tax liabilities, nor on any officer or management compensation plans of the Company.

3) Domestic and International Sales

Sales increased approximately 2% in the United States in the third quarter and 5% for the first nine months of 2003. International sales increased approximately 5% in the third quarter and 14% for the first nine months of 2003.

4) Accounting for Asset Retirement Obligations

Effective January 1, 2003, the Company adopted SFAS No. 143, "Accounting for Asset Retirement Obligations." Upon adoption, the Company recorded a non-cash after-tax charge to earnings of approximately \$3.4 million for the cumulative effect of this accounting change related to retirement obligations associated with the Company's PCC satellite facilities and its mining properties. Excluding the cumulative effect adjustment, the Company recorded additional depreciation and accretion expenses of approximately \$0.2 million in the third quarter and \$0.6 million for the first nine months of 2003. Such charges are included in cost of goods sold.

CONDENSED CONSOLIDATED STATEMENT OF INCOME MINERALS TECHNOLOGIES INC. AND SUBSIDIARY COMPANIES (thousands of dollars, except per share data) (unaudited)

	Fourth Quarter				Full Year					
		As Previously Reported 2003	As Restated 2003	2002	% Change	As Previously Reported 2003	As Restated 2003	2002	% Change	
Net sales	\$	211,685 \$	211,685 \$	194,718	9 \$	813,743 \$	813,743 \$	752,680	8	
Operating costs and expenses		<u>198,164</u>	<u>198,164</u>	<u>177,893</u>	11	<u>736,539</u>	<u>736,539</u>	<u>671,806</u>	10	

Income from operations	13,521	13,521	16,825	(20)	77,204	77,204	80,874	(5)
Non-operating deductions - net	<u>1,292</u>	<u>1,292</u>	<u>1,100</u>	17	<u>4,860</u>	<u>4,860</u>	<u>5,140</u>	(5)
Income before provision for taxes on income and minority interests	12,229	12,229	15,725	(22)	72,344	72,344	75,734	(4)
Provision (benefit) for taxes on income	(1,174)	2,344	3,133	(25)	4,116	19,116	20,220	(5)
Minority interests	<u>201</u>	<u>201</u>	<u>593</u>	(66)	<u>1,575</u>	<u>1,575</u>	<u>1,762</u>	(11)
Income before cumulative effect of accounting change	13,202	9,684	11,999	(19)	66,653	51,653	53,752	(4)
Cumulative effect of accounting change, net of tax	<u>0</u>	<u>0</u>	<u>0</u>		<u>3,433</u>	<u>3,433</u>	<u>0</u>	
Net income	\$ <u>13,202</u> \$	<u>9,684</u> \$	<u>11,999</u>	(19) \$	<u>63,220</u> \$	<u>48,220</u> \$	<u>53,752</u>	(10)
Earnings per share: Basic Before cumulative effect								
of accounting change	\$ 0.65 \$	0.47 \$	0.60	(22) \$	3.30 \$	2.56 \$	2.66	(4)
Cumulative effect of accounting change Basic earnings per share	\$ <u>0</u> <u>0.65</u> \$	<u>0</u> <u>0.47</u> \$	<u>0</u> <u>0.60</u>	(22) \$	<u>(0.17)</u> <u>3.13</u> \$	<u>(0.17)</u> <u>2.39</u> \$	<u>0</u> 2.66	(10)
Diluted								
Before cumulative effect of accounting change Cumulative effect of	\$ 0.64 \$	0.47 \$	0.59	(20) \$	3.26 \$	2.53 \$	2.61	(3)
accounting change Diluted earnings per share	\$ <u>0</u> <u>0.64</u> \$	<u>0</u> <u>0.47</u> \$	<u>0</u> <u>0.59</u>	(20) \$	<u>(0.17)</u> <u>3.09</u> \$	<u>(0.17)</u> <u>2.36</u> \$	<u>0</u> 2.61	(10)
Cash dividends declared per common share	\$ <u>0.025</u> \$	<u>0.025</u> \$	<u>0.025</u>	\$	<u>0.10</u> \$	<u>0.10</u> \$	<u>0.10</u>	

1) Restatement of Previously Reported Financial Information

As a result of the expiration during the third quarter of the statute of limitations on the Company's U.S. tax returns for earlier years, certain tax reserves have been reversed. This one-time, non-cash item was previously recorded as a reduction to the tax provision for 2003 of approximately \$15 million or \$0.73 per share, and a reduction to the overall effective tax rate for 2003 to 5.7%. The revision to the effective tax rate, together with the year-to-date adjustment to the Company's tax provision resulting from this change, had the effect of increasing net income in the fourth quarter by \$3.5 million or \$0.17 per diluted share. The Company has now determined that the reversal of such tax reserves would more appropriately be treated as an equity transaction and should be reflected as an increase in additional paid-in capital of \$15 million because such tax reserves were established for potential exposure items related to the tax bases of assets caused by the initial public offering of the Company's common stock in October 1992.

This technical restatement has no impact on income from operations, cash flows or assets and liabilities of the Company, including tax liabilities, nor on any officer or management compensation plans of the Company.

2) Restructuring and Asset Impairment Costs

The Company recorded restructuring charges of \$3.3 million and a write-down of impaired assets of \$3.2 million in the fourth quarter of 2003. These charges reduced diluted earnings by approximately \$0.19 per share. The asset impairment charges are related to the planned closure in the first quarter of 2004 of the Company's operations in River Rouge, Michigan and retirement of certain Synsil products assets that have been made obsolete through the development of an improved manufacturing process. The restructuring charges relate to workforce reductions from business units and organization levels throughout the company's worldwide operations and to lease termination costs.

3) Domestic and International Sales

Sales increased approximately 1% in the United States in the fourth quarter and 4% for the full year of 2003. International sales increased approximately 23% in the fourth quarter and 16% for the full year of 2003.

4) Accounting for Asset Retirement Obligations

Effective January 1, 2003, the Company adopted SFAS No. 143, "Accounting for Asset Retirement Obligations." Upon adoption, the Company recorded a non-cash after-tax charge to earnings of approximately \$3.4 million for the cumulative effect of this accounting change related to retirement obligations associated with the Company's PCC satellite facilities and its mining properties. Excluding the cumulative effect adjustment, the Company recorded additional depreciation and accretion expenses of approximately \$0.2 million in the fourth quarter and \$0.8 million for the full year of 2003. Such charges are included in cost of goods sold.