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



FORM 11-K

ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934

For the period ended September 30, 2003

OR

TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number: 1-7201



AVX VANCOUVER CORPORATION
RETIREMENT SAVINGS AND STOCK BONUS PLAN

AVX CORPORATION
Plan number: 001
IRS Employer Identification Number: 33-0067659

P.O. Box 867
Myrtle Beach, SC 29578

AVX VANCOUVER CORPORATION
RETIREMENT SAVINGS AND STOCK BONUS PLAN
INDEX

	<u>Page No.</u>
Report of Independent Auditors	2
Statements of Net Assets Available for Benefits as of December 31, 2002 and September 30, 2003	3
Statement of Changes in Net Assets Available for Benefits for the year ended September 30, 2003	4
Notes to Financial Statements	5-12
Signature	13
Schedule of Reportable Transactions*	14
Exhibit: 23.1 Consent of PricewaterhouseCoopers LLP	

* All other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA have been omitted because they are not applicable.

Report of Independent Auditors

To the Participants and Administrator of the
AVX Vancouver Corporation Retirement Savings and Stock Bonus Plan:

In our opinion, the accompanying statements of net assets available for benefits and the related statements of changes in net assets available for benefits present fairly, in all material respects, the net assets available for benefits of the AVX Vancouver Corporation Retirement Savings and Stock Bonus Plan (the "Plan") at December 31, 2002 and September 30, 2003, and the changes in net assets available for benefits for the year ended September 30, 2003 in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Plan's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America, which require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedule of Reportable Transactions is presented for the purpose of additional analysis and is not a required part of the basic financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. This supplemental schedule is the responsibility of the Plan's management. The supplemental schedule has been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

As further discussed in Notes 1, 2 and 4 to the financial statements, AVX Corporation, the Plan's sponsor, voted in September 2001 to terminate the Plan, effective April 1, 2002. In accordance with accounting principles generally accepted in the United States of America, the Plan has changed its basis of accounting from the ongoing plan basis to the liquidation basis used in presenting the 2002 and 2003 financial statements.


LLP

March 19, 2004

AVX VANCOUVER CORPORATION
RETIREMENT SAVINGS AND STOCK BONUS PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
as of December 31, 2002 and September 30, 2003

<i>ASSETS:</i>	<u>2002</u>	<u>2003</u>
Investments, at fair market value:		
Company Common Stock	\$ 20,649	\$ -
Affiliate Company American Depository Shares	4,687	-
U.S. Government Securities	110	-
Mutual Funds	4,846	-
Allocated share of Trust net assets	10,934	-
Loan Fund	<u>10,109</u>	<u>-</u>
Total Investments	51,335	-
Cash	<u>359</u>	<u>-</u>
Net assets available for benefits	\$ <u><u>51,694</u></u>	\$ <u><u>-</u></u>

The accompanying notes are an integral part of the financial statements.

AVX VANCOUVER CORPORATION
RETIREMENT SAVINGS AND STOCK BONUS PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
for the year ended September 30, 2003

Additions:	<u>2003</u>
Investment income (loss):	
Net appreciation (depreciation) in fair value of investments	\$ 1,269
Interest and dividends	118
Allocated share of Trust investment activities	(107)
Loan activity	<u>-</u>
Net investment income (loss)	1,280
Contributions:	
Participant	-
Employer	<u>-</u>
Total contributions	<u>-</u>
Total additions	1,280
Deductions:	
Benefits paid to participants	44,970
Administrative expenses	<u>-</u>
Total deductions	44,970
Plan transfers out	8,004
Net decrease	<u>(51,694)</u>
Net assets available for benefits:	
Beginning of year	<u>51,694</u>
End of year	<u><u>\$ -</u></u>

The accompanying notes are an integral part of the financial statements.

AVX VANCOUVER CORPORATION
RETIREMENT SAVINGS AND STOCK BONUS PLAN

NOTES TO FINANCIAL STATEMENTS

1. **Description of the Plan:**

The following brief description of the AVX Vancouver Corporation Retirement Savings and Stock Bonus Plan (the "Plan") is provided for general information purposes only. Participants should refer to the Plan document for more complete information.

General

The Plan became effective January 1, 1994. The Plan is a defined contribution plan covering employees of AVX Vancouver Corporation who have attained at least 21 years of age and have at least ninety consecutive days of service. AVX Vancouver Corporation is a wholly owned subsidiary of AVX Corporation (the "Company"). The Plan is funded through a qualified trust with HSBC Bank USA ("Trustee") and is administered by the AVX Corporation Retirement Committee. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

During September 2001, the Company decided to terminate the Plan effective April 1, 2002. As of September 30, 2003, all assets have been distributed to the Plan's participants.

Contributions

Retirement Plan Feature:

Participants can contribute from 1% to 10% of pre-tax income. The Company may make a discretionary contribution in such amount as may be determined by the Company's Board of Directors each Plan year. Except for any changes made by the Company's Board of Directors, the Company's matching contribution shall be 50% of each participant's salary reduction contribution up to 4% of participant earnings for investments other than the Vancouver Kyocera Stock Bonus Fund or Vancouver AVX Stock Bonus Fund (the "Stock Bonus Funds").

Stock Bonus Feature:

For the Stock Bonus Funds, the Company's matching contribution shall be 100% of each participant's salary reduction contribution up to 3% of participant earnings.

Vesting

Under the Plan's graduated vesting schedule, after one year of vesting service, participants become vested in Company contributions to their accounts at a rate of 20% per year thereafter, until fully vested. As of September 2001, all participants have become 100% vested in the Plan due to the Company's decision to terminate the Plan effective April 2002.

Company contributions are allocated to each participant in proportion to the participant's eligible compensation earned during the year to the total eligible compensation of all participants for the year.

NOTES TO FINANCIAL STATEMENTS, (Continued)

Payment of Benefits

Upon termination of employment of a participant other than by retirement, disability or death, such participant is entitled to the vested portion of his account. Participants who participated in the Plan after July 1, 1994 will receive a lump sum cash distribution for all accounts other than the Stock Bonus Funds. For the Stock Bonus Funds, they will receive either whole shares of Kyocera Corporation American Depository Shares or whole shares of AVX Corporation common stock with any partial shares to be paid in cash. For those participants who participated in the Plan prior to July 1, 1994, Plan benefits will be paid in the form of a qualified joint and survivor annuity unless a qualified election is made during the applicable election period. Normal withdrawals can be made after age 59½. Withdrawals before age 59½ can be made for reasons of disability, termination of employment, severe financial hardship or in the event of the employee's death.

Any forfeitures arising during the Plan year shall be first applied to restore any participant's employer matching contribution and any forfeitures remaining shall be applied to reduce employer matching contributions for the Plan year.

2. **Summary of Significant Accounting Policies:**

The Company has decided to terminate the Plan effective April 1, 2002, therefore, in accordance with accounting principles generally accepted in the United States of America, the Plan has changed its basis of accounting used to determine the fair value of net assets available for benefits from the ongoing plan basis to the liquidation basis, used in presenting the financial statements for the years ended December 31, 2002 and September 30, 2003. The significant accounting policies of the Plan are as follows:

Basis of Accounting

The financial statements of the Plan are prepared under the accrual method of accounting in accordance with generally accepted accounting principles.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that may affect the reported amounts of certain assets and liabilities and disclosure of contingencies at the date of the financial statements and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

Investments

Except for assets in the Seligman Master Trust, Plan assets are co-invested with assets in separate investment options at HSBC Bank USA (the "Trustee").

The Trustee invests the Plan's assets according to participant investment elections in:

NOTES TO FINANCIAL STATEMENTS, (Continued)

Vanguard Treasury Money Market Fund: The Vanguard Treasury Money Market Fund seeks the maximum current income consistent with preservation of capital and liquidity by investing in U.S. Treasury obligations and repurchase agreements relating to U.S. Treasury obligations.

T. Rowe Price Spectrum Income Fund: The T.Rowe Price Spectrum Income Fund seeks a high level of current income consistent with moderate share price fluctuation by investing primarily in domestic bond funds and also in a foreign bond fund.

Seligman Equity Value Portfolio: The Seligman Equity Value Portfolio seeks capital appreciation through a value-oriented, diversified portfolio comprised of equity investments. The assets for the portfolio are held in the Seligman Master Trust.

Kyocera Stock Fund: This fund is invested exclusively in shares of the Kyocera Corporation. The objective is to give the participant the opportunity to share in the performance of Kyocera and AVX by allowing the participant to become a part owner. The fund's value will fluctuate, based on the success of Kyocera, AVX and the stock market in general.

Templeton Foreign Fund: The Templeton Foreign Fund seeks long-term capital growth by investing in stocks and debt obligations of companies and governments outside the United States.

AVX Stock Fund: This fund is invested exclusively in shares of AVX stock. This fund also gives the participant the opportunity to share in the performance of AVX. The fund's value will fluctuate, based on the success of AVX and the stock market in general.

Janus Fund: The Janus Fund seeks long-term growth of capital, consistent with preservation of capital, by investing primarily in common stock of companies of any size.

MFS Emerging Growth Fund: The MFS Emerging Growth Fund seeks above-average long-term capital growth by investing in common stocks of small to mid-size companies.

Fidelity Magellan Fund: The Fidelity Magellan Fund is a large mutual fund.

Vancouver Kyocera Stock Bonus Fund: The Vancouver Kyocera Stock Bonus Fund consists of investments in Kyocera Corporation American Depository Shares.

Vancouver AVX Stock Bonus Fund: The Vancouver AVX Stock Bonus Fund consists of investments in AVX Corporation common stock.

NOTES TO FINANCIAL STATEMENTS, (Continued)

Participants in the Plan prior to July 1, 1994 may transfer and withdraw from the Fidelity Magellan Fund and the Vancouver Kyocera Stock Bonus Fund up to the amount of their respective balances in those funds. A participant may change his investment election once each month. Additionally, restrictions apply to the removal of Stock Bonus contributions and earnings out of the Vancouver Kyocera and AVX Stock Bonus Funds.

No future participant or Company contributions are made to the Vancouver Kyocera Stock Bonus Fund effective December 31, 1995, but related dividends are reinvested in Kyocera Stock.

The Plan permits the participants to borrow from their accounts. These loans are held in a separate loan fund. Each loan may not exceed the lesser of 50% of the participant's total vested account balance or \$50,000 and must be greater than \$1,000. The term of the loan is not to exceed ten years for mortgage loans or five years for non-mortgage loans. The interest rate charged on loans is such rate as determined appropriate and reasonable by the AVX Corporation Retirement Committee at the time of the loan. All scheduled loan repayments are made through payroll deductions and early loan payoff may be submitted by participants via check or money order.

The market values of the following investments represent 5% or more of the Plan's total assets available for benefits for the years ended December 31, 2002 and September 30, 2003:

	<u>2002</u>	<u>2003</u>
Vancouver Kyocera Stock Bonus Fund	\$ *	*
Fidelity Magellan Fund	*	*
Vancouver AVX Stock Bonus Fund	18,787	*
Seligman Equity Value Portfolio	10,934	*
Vanguard Treasury Money Market Fund	*	*
Consolidated Loan Fund	10,109	*

*Amounts were less than 5% of the Plan's total assets available for benefits for the respective year.

Valuation of Trust Investments

Investments in securities (ADS, corporate and government bonds and notes and common and preferred stocks) traded on a national securities exchange are valued at the last reported sales price on the last business day of the year. Temporary cash investments are invested in the HSBC Short-term Temporary Investment Fund and are valued at market value as determined by the Trustee.

Concentrations of credit risk with respect to investments are limited due to the large number of investments and their dispersion across many different industries and geographies.

NOTES TO FINANCIAL STATEMENTS, (Continued)

Investment Transactions and Investment Income of the Trust

Purchases and sales of securities are reflected on a trade-date basis. Dividend income is recorded on the ex-dividend date. Income from other investments is recorded as earned on an accrual basis.

The Plan presents in the statement of changes in net assets available for benefits, the net appreciation (depreciation) in the fair value of its investments which consists of the realized gains (losses) and the unrealized appreciation (depreciation) on those investments.

3. Investments in Trust:

For the Seligman Master Trust, the Plan's allocated participation in the trust, as well as the individual participants' balances comprising the Plan's participation in the Trust, is determined by adding to or deducting the Plan's contributions and benefit payments made into the Trust and a proportionate share of the other changes in the Trust's net assets (related principally to investment activities), based on the relative interest of the Plan's net assets to the Trust's net assets at the beginning of the plan year.

4. Plan Termination:

During September 2001, the Company decided to terminate the Plan effective April 1, 2002. All participants have become 100% vested and will receive the balance of their account as a lump-sum distribution. In accordance with accounting principles generally accepted in the United States of America, the Plan has changed its basis of accounting used to determine the fair value of net assets available for benefits from the ongoing plan basis to the liquidation basis, used in presenting the financial statements for the years ended December 31, 2002 and September 30, 2003.

5. Reconciliation of Financial Statements to Form 5500:

The following is a reconciliation of net assets available for benefits according to the financial statements to Form 5500:

	<u>December 31, 2002</u>	<u>September 30, 2003</u>
Net assets available for benefits per the financial statements	\$ 51,694	\$ -
Amounts allocated to withdrawing participants	-	-
Net assets available for benefits per Form 5500	<u>\$ 51,694</u>	<u>\$ -</u>

The following is a reconciliation of benefits paid to participants according to the financial statements to Form 5500:

NOTES TO FINANCIAL STATEMENTS, (Continued)

	Period Ended September 30, 2003
Benefits paid to participants per the financial statements	\$ 44,970
Add: Amounts allocated to withdrawing participants at September 30, 2003	-
Less: Amounts allocated to withdrawing participants at December 31, 2002	-
Benefits paid to participants per Form 5500	<u>\$ 44,970</u>

All benefit claims have been processed and approved for payment prior to September 30, 2003 and paid as of that date.

6. Tax Status:

In March 2002, the Plan received a favorable determination letter from the Internal Revenue Service advising that the Plan constitutes a qualified plan under Section 401(a) of the Internal Revenue Code, thereby exempting it from Federal income taxes under provisions of Section 501(a). The Plan administrator and the Plan's tax counsel believe that the Plan has been operated in compliance with the applicable requirements of the Internal Revenue Code.

Participants will not be subject to income tax for contributions made on their behalf by the Company, nor on money earned by the Plan credited to their account until such time as they withdraw their accumulated balance.

NOTES TO FINANCIAL STATEMENTS, (Continued)

7. Interest In Master Trust (UNAUDITED):

The Plan's allocated share of the Seligman Master Trust net assets was approximately 0.1% at December 31, 2002 and 0.0% at September 30, 2003.

At December 31, 2002 and 2003, the financial position of the Trust was as follows:

	<u>2002</u>	<u>2003</u>
Assets:		
Investments at Fair Market Value:		
Seligman Equity Value Portfolio:		
Common Stock	\$ 11,443,458	\$ 14,298,849
Short-term Temporary Investments	<u>179,129</u>	<u>128,425</u>
Total Investments	11,622,587	14,427,274
Cash	(8,628)	(3,364)
Receivables:		
Employer contributions	362,408	275,765
Interest and dividends	43,661	36,360
Total Receivables	<u>406,069</u>	<u>312,125</u>
Net Assets	<u>\$ 12,020,028</u>	<u>\$ 14,736,035</u>

NOTES TO FINANCIAL STATEMENTS, (Continued)

The change in Trust net assets for the year ended December 31, 2003 was as follows:

	<u>2003</u>
Additions:	
Net depreciation of investments	\$ 3,432,458
Interest and dividends	359,087
Contributions:	
Company contributions	692,550
Participant contributions	480,933
Loan repayments	<u>235,623</u>
Total additions	5,200,651
Forfeitures	(13,680)
Deductions:	
Benefit payments and withdrawals	1,644,248
Administrative expenses	15,951
Loan activity	197,798
Investment fund transfers	<u>612,967</u>
Total deductions	<u>2,470,964</u>
Net increase	2,716,007
Net assets available for benefits:	
Beginning of year	<u>12,020,028</u>
End of year	<u>\$ 14,736,035</u>

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Administrative Committee has duly caused this annual report to be signed by the undersigned thereunto duly authorized.

AVX VANCOUVER CORPORATION RETIREMENT
SAVINGS AND STOCK BONUS PLAN

By: 

Kurt P. Cummings
Member of Retirement Committee

Date: March 31, 2004

SUPPLEMENTAL SCHEDULES

AVX VANCOUVER CORPORATION
RETIREMENT SAVINGS AND STOCK BONUS PLAN
PN 001
EIN 33-0067659

Schedule H, Line 4(j) -Schedule of Reportable Transactions
for the year ended September 30, 2003

(a) Identity of Party <u>Involved</u>	(b) <u>Description of Asset</u>	(c) <u>Purchase Price</u>	(d) <u>Selling Price</u>	(f) Expense In- curred with <u>Transaction</u>	(g) <u>Cost of Asset</u>	(h) Current Value of Asset on Transaction <u>Date</u>	(i) Net <u>Gain/(Loss)</u>
HSBC Bank USA	HSBC Short-term Temporary Investment Fund	\$ 32,300	\$ 32,300	\$ -	\$ 32,300	\$ 32,300	\$ -
HSBC Bank USA	Seligman Equity Value Portfolio	18,627	18,789	-	18,627	18,789	162
HSBC Bank USA	AVX Stock Fund	25,101	26,575	154	25,101	26,575	1,474
HSBC Bank USA	Kyocera Stock Fund	3,599	3,365	3	3,599	3,365	(234)

Column (e), lease rental, has been omitted from this schedule because it is not applicable.

EXHIBIT 23.1

CONSENT OF INDEPENDENT ACCOUNTANTS

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 (No. 33-99140) of Kyocera Corporation of our report dated March 19, 2004 relating to the financial statements and financial statement schedules of the AVX Vancouver Corporation Retirement Savings and Stock Bonus Plan, which appears in this Form 11-K.

Pricewaterhousecoopers

Atlanta, Georgia
March 26, 2004

LLP

CONSENT OF INDEPENDENT ACCOUNTANTS

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 (No. 333-00890) of AVX Corporation of our report dated March 19, 2004 relating to the financial statements and financial statement schedules of the AVX Vancouver Corporation Retirement Savings and Stock Bonus Plan, which appears in this Form 11-K.

PricewaterhouseCoopers
Atlanta, Georgia
March 26, 2004
UP

EXHIBIT 99.1

CERTIFICATION

Each of the undersigned hereby certifies, for the purposes of section 1350 of chapter 63 of title 18 of the United States Code, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, in his capacity as an officer of AVX Corporation ("AVX"), that, to his knowledge, the Annual Report for the AVX Vancouver Corporation Retirement Savings and Stock Bonus Plan on Form 11-K for the period ended September 30, 2003, fully complies with the requirements of Section 13(a) of the Securities Exchange Act of 1934 and that the information contained in such report fairly presents, in all material respects the net assets available for benefits and changes in net assets available for benefits of the Plan. This written statement is being furnished to the Securities and Exchange Commission as an exhibit to such Form 11-K. A signed original of this statement has been provided to AVX and will be retained by AVX and furnished to the Securities and Exchange Commission or its staff upon request.

Date: March 31, 2004

By: 

John S. Gilbertson
Chief Executive Officer,
President and Director

Date: March 31, 2004

By: 

Kurt P. Cummings
Vice President, Chief Financial Officer,
Treasurer and Secretary