

SUNOCO INC  
Form 11-K  
June 24, 2004

---

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

---

**FORM 11-K**

---

(Mark One)

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

For the fiscal year ended December 31, 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 1-6841

---

**SUNOCO, INC. CAPITAL ACCUMULATION PLAN**

(Title of plan and address of plan, if different from issuer)

**SUNOCO, INC.**

(Exact name of issuer of securities held pursuant to the plan)

---

**PENNSYLVANIA**  
(State or other jurisdiction of  
incorporation or organization)

**23-1743282**  
(I.R.S. Employer  
Identification No.)

**TEN PENN CENTER, 1801 MARKET STREET, PHILADELPHIA, PA 19103-1699**

(Address of principal executive offices)

(Zip Code)

**(215) 977-3000**

(Registrant's telephone number, including area code)

---

---

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Plan Administrator

Sunoco, Inc. Capital Accumulation Plan

We have audited the accompanying statements of assets available for benefits of the Sunoco, Inc. Capital Accumulation Plan (Plan) as of December 31, 2003 and 2002, and the related statements of changes in assets available for benefits for the years then ended. 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 in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards 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. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the assets available for benefits of the Plan at December 31, 2003 and 2002 and the changes in its assets available for benefits for the years then ended, in conformity with U.S. generally accepted accounting principles.

Our audits were performed for the purpose of forming an opinion on the financial statements taken as a whole. The accompanying supplemental Schedule of Assets (Held at End of Year) as of December 31, 2003 is presented for purposes of additional analysis and is not a required part of the 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 our audits of the financial statements and, in our opinion, is fairly stated in all material respects in relation to the financial statements taken as a whole.

/s/ ERNST & YOUNG LLP

---

Ernst & Young LLP

Philadelphia, Pennsylvania  
May 28, 2004

---

SUNOCO, INC. CAPITAL ACCUMULATION PLAN  
STATEMENTS OF ASSETS AVAILABLE FOR BENEFITS  
AT DECEMBER 31, 2003 AND 2002

	<u>2003</u>	<u>2002</u>
Investment in Master Trust II (Notes 1 and 2)	\$ 878,167,710	\$ 722,820,874
Loans receivable from participants (Note 1)	18,041,099	18,614,199
Assets available for benefits (Note 5)	<u>\$ 896,208,809</u>	<u>\$ 741,435,073</u>

See accompanying notes to financial statements.

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

STATEMENTS OF CHANGES IN ASSETS AVAILABLE FOR BENEFITS

FOR THE YEARS ENDED DECEMBER 31, 2003 AND 2002

	<u>2003</u>	<u>2002</u>
Additions (deductions):		
Employees' contributions	\$ 31,028,494	\$ 29,084,263
Employers' contributions	16,399,647	15,838,697
Transfers and rollovers from tax-qualified plans (Note 1)	16,717,582	7,278,114
Interest income - Loan Fund	1,062,587	1,325,794
Increase (decrease) in value of participation in Master Trusts (Notes 1 and 3)	156,175,106	(70,363,747)
Benefits paid to participants (Note 5)	(66,390,555)	(58,580,771)
Administrative expenses (Note 2)	(219,125)	(1,033,876)
Net additions (deductions)	<u>154,773,736</u>	<u>(76,451,526)</u>
Assets available for benefits, beginning of year	<u>741,435,073</u>	<u>817,886,599</u>
Assets available for benefits, end of year	<u>\$ 896,208,809</u>	<u>\$ 741,435,073</u>

See accompanying notes to financial statements.

---

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

NOTES TO FINANCIAL STATEMENTS

1. GENERAL DESCRIPTION

The Sunoco, Inc. Capital Accumulation Plan (Plan) is a combined profit-sharing and employee stock ownership plan. The Plan provides eligibility for membership for certain employees of Sunoco, Inc. and its participating subsidiary companies (collectively, Sunoco) who have completed at least 1,000 hours of service with Sunoco in a twelve-month period. An eligible employee can join the Plan at any time starting with the first payroll period which begins on or next following the day after he or she gives notice to the Plan Administrator. The ESOP Fund is an employee stock ownership plan, while the remaining funds form a profit-sharing plan.

The Plan provides an individual account for each participant. Amounts disbursed to participants or transferred among funds are based solely upon amounts contributed to each participant's account adjusted to reflect any withdrawals and distributions, investment earnings attributable to such account balances, and appreciation or depreciation of the market value of the account balance.

Contributions:

In general, a participant may make Basic Contributions to the Plan of up to 5% in whole percentages of base pay on a pre-tax basis (Basic Pre-Tax Contributions) or on a post-tax basis (Basic Post-Tax Contributions). Effective January 1, 2003, the participant also may elect to make additional contributions up to 45% of base pay provided, however, that Basic Pre-Tax or Basic Post-Tax Contributions are at least 5% of base pay. Prior to January 1, 2003, the participant could have elected to make additional contributions up to 10% of base pay. The additional contributions may be contributed either on a pre-tax basis (Additional Pre-Tax Contributions), post-tax basis (Additional Post-Tax Contributions) or any combination thereof. For certain participants, limitations imposed by the Internal Revenue Code of 1986, as amended (Code), as described below, restrict their ability to make Basic Pre-Tax Contributions or Additional Pre-Tax Contributions. However, such participants may make Basic Post-Tax Contributions and Additional Post-Tax Contributions such that the sum of their total and employer contributions do not exceed other limits imposed by the Plan or the Code.

For every dollar a participant contributes as Basic Contributions, Sunoco contributes another full dollar (Matching Employer Contributions).

Pre-tax contributions by each participant may not exceed an annual limit which is determined under Internal Revenue Service (IRS) regulations. Except as discussed below, this limit was \$12,000 in 2003 and \$11,000 in 2002. Effective January 1, 2003, participants who reach age 50 by the end of a given plan year are eligible to make pre-tax contributions commencing in that year up to a higher limit. In 2003, this higher limit was \$14,000.

---

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

1. GENERAL DESCRIPTION (Continued)

The pre-tax contributions and combined Basic Post-Tax Contributions, Additional Post-Tax Contributions and Matching Employer Contributions of participants who come within the classification of highly compensated employees as defined in the Code, may not exceed certain technical limits under the Code. Generally, the allowable percentage of such contributions for the highly compensated employees is dependent upon the percentage of contributions made by all other employees. These limitations may have the effect of reducing the level of contributions initially selected by the highly compensated employees. In addition, the total employer and employee contributions which may be allocated to a participant's account may be limited by Section 415 of the Code.

The Plan contains a special provision designed to permit the Plan to borrow money to purchase a significant number of shares of Sunoco, Inc. Common Stock. Such borrowing could only occur upon the action of the Board of Directors of Sunoco, Inc. If this should occur, the securities purchased with the proceeds of such a loan will not be allocated immediately to the accounts of Plan participants but will be held by the Plan in an unallocated suspense account. Securities will be released from the suspense account as the loan is repaid and will be allocated to participants' accounts according to the ratio which the participant's compensation bears to the compensation of all participants in the Plan. No participant contributions will be required or permitted in paying off the loan. Further, subject to applicable limitations imposed by Section 415 of the Code and limitations on allocations as set forth in the Plan, any securities which are allocated to participants' accounts as a result of the repayment of the loan may, at the discretion of the Plan Administrator, be used to satisfy Sunoco's obligation with respect to any Matching Employer Contributions. As of December 31, 2003, no borrowings had been approved.

A participant's account is credited daily with units representing interests held in each of the funds described below except for the Self-Directed Brokerage Account (SDBA) Fund. A participant's account balance is immediately 100% vested.

Investment Alternatives:

Prior to June 28, 2002, Deutsche Bank was the Trustee for all investments. Prior to this date, participants had the option of investing in any one or more of six core investment funds (the Equity Index Fund; the U.S. Extended Market Equity Index Fund; the International Equity Fund; the Diversified Investments Fund; the Capital Preservation Fund; and the Sunoco, Inc. Common Stock Fund) (collectively, the Predecessor Core Funds) and the Self-Directed Brokerage Account (SDBA) Fund. These seven funds and the ESOP Fund were invested in corresponding funds with the same investment objectives in the Sunoco, Inc. Defined Contribution Master Trust (Master Trust I).

On June 28, 2002, the Vanguard Fiduciary Trust Company became Trustee for all investments. In connection therewith, the assets held in Master Trust I were transferred into the Sunoco, Inc. Defined Contribution Master Trust II (Master Trust II). In addition to the Predecessor Core Funds and the SDBA Fund, effective with this transfer, participants now have the option of investing in four additional core investment funds (collectively, the New Core Funds) (the

## SUNOCO, INC. CAPITAL ACCUMULATION PLAN

## NOTES TO FINANCIAL STATEMENTS (Continued)

1. GENERAL DESCRIPTION (Continued)

Large-Cap Value Fund; the Large-Cap Growth Fund; the Small-Cap Fund; and the Bond Index Fund). The Predecessor Core Funds and the New Core Funds (collectively, the Core Funds), the SDBA Fund and the ESOP Fund are currently invested in corresponding funds with the same investment objectives in Master Trust II.

Master Trust I and Master Trust II (collectively, the Master Trusts) also include investments from other Sunoco tax-qualified defined contribution plans. Except for the SDBA Fund, each plan's relative interest in the individual funds of the Master Trusts and the related income and administrative expense is determined on a basis proportionate to each plan's past contributions adjusted to reflect distributions, transfers and prior investment earnings to such funds.

The SDBA investments are held in separate accounts for each participant. If a participant wants to transfer an amount to the SDBA Fund, at a minimum, 10 percent of his account balance must remain invested in the Core Funds. Actual income, losses and investment expenses associated with SDBA investments are recorded directly in the respective participants' accounts.

The following table sets forth each fund's respective share of the total net assets of the corresponding fund of Master Trust II at December 31, 2003 and 2002:

	<u>2003</u>	<u>2002</u>
Equity Index Fund	83.8366%	83.2423%
U.S. Extended Market Equity Index Fund	91.8602%	98.9149%
Large-Cap Value Fund	79.8985%	84.4439%
Large-Cap Growth Fund	40.9782%	98.1133%
Small-Cap Fund	87.9249%	94.5407%
International Equity Fund	97.6262%	99.7175%
Diversified Investments Fund	85.9657%	85.5621%
Bond Index Fund	71.6102%	56.3021%
Capital Preservation Fund	89.2577%	90.1495%
Sunoco, Inc. Common Stock Fund	100.0000%	100.0000%
ESOP Fund	100.0000%	100.0000%
SDBA Fund	100.0000%	100.0000%

Set forth below is a brief description of these funds:

Equity Index Fund - a fund to be invested by investment managers in a broadly diversified portfolio of common stocks, other types of equity investments and/or an index fund of large, established, well-known corporations. The Equity Index Fund of Master Trust II is currently invested in a fund managed by The Vanguard Group which is designed to approximate the performance of the Standard & Poor's 500 Composite Stock Index. The Equity Index Fund of Master Trust I was invested in a similar index fund managed by Deutsche Asset Management.





---

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

1. GENERAL DESCRIPTION (Continued)

U.S. Extended Market Equity Index Fund - a fund to be invested by investment managers in a portfolio of common stocks, other types of equity investments and/or an index fund of primarily small-to-medium sized United States companies diversified across a broad range of industry sectors. The U.S. Extended Market Equity Index Fund of Master Trust II is currently invested in a fund managed by The Vanguard Group which is designed to approximate the performance of the Wilshire 4500 Completion Index. The U.S. Extended Market Equity Index Fund of Master Trust I was invested in a fund managed by Deutsche Asset Management which was designed to approximate the performance of the Russell 2500 Index.

Large-Cap Value Fund a fund to be invested by investment managers in a broadly diversified portfolio of temporarily undervalued common stocks of primarily large, established well-known United States corporations. The Large-Cap Value Fund of Master Trust II is currently invested in a stock fund actively managed by Dodge & Cox.

Large-Cap Growth Fund a fund to be invested by investment managers in a portfolio of stocks of primarily large, high-quality United States companies that have superior growth potential. The Large-Cap Growth Fund of Master Trust II is currently invested in a stock fund actively managed by Wells Fargo Funds Management, LLC.

Small-Cap Fund a fund to be invested by investment managers in a portfolio of stocks of primarily small-to-medium sized United States companies that are undervalued or offer superior earnings growth. The Small-Cap Fund of Master Trust II is currently invested in a stock fund actively managed by T. Rowe Price Associates, Inc.

International Equity Fund - a fund to be invested by investment managers in a diversified portfolio of common stocks, other types of equity investments and/or an index fund of companies based outside the United States. This fund is subject to foreign currency exchange rate risk and single country investment risk. The International Equity Funds of Master Trust I and Master Trust II have been invested in a portfolio actively managed by the Capital Guardian Trust Company.

Diversified Investments Fund - a fund to be invested by investment managers in a combination of equity investments (diversified common stocks, other types of equity investments and/or an index fund of large, established, well-known corporations) and fixed income securities, including U.S Treasury bonds and money market instruments. The allocation of assets between equity and fixed income securities varies over time and is determined by the investment manager. The Diversified Investments Fund of Master Trust II is currently invested in an asset allocation fund actively managed by The Vanguard Group. The Diversified Investments Fund of Master Trust I was invested in a similar fund actively managed by Barclays Global Investors.

---

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

1. GENERAL DESCRIPTION (Continued)

Bond Index Fund - a fund to be invested by investment managers in a broadly diversified portfolio of U.S. government-backed and agency obligations and fixed income securities of corporations that are rated investment grade . The Bond Index Fund of Master Trust II is currently invested in a bond fund managed by The Vanguard Group which is designed to track the performance of the Lehman Brothers Aggregate Bond Index.

Capital Preservation Fund - a fund to be invested in: (1) contracts with insurance companies or other financial institutions backed by the types of obligations described in (3) and (4) below (synthetic investment contracts); (2) contracts with insurance companies or other financial institutions where the repayment of principal and payment of interest at a fixed or variable rate for a fixed period of time are backed by the financial strength of such financial institutions (standard investment contracts); (3) U.S. government-backed and agency obligations; or (4) fixed income securities of corporations primarily rated investment grade and high-quality asset-backed securities primarily rated AAA . The Capital Preservation Funds of Master Trust I and Master Trust II have been actively managed by Standish Mellon Asset Management Company LLC.

Sunoco, Inc. Common Stock Fund - a fund to be invested principally in Sunoco, Inc. Common Stock. Cash contributions directed for investment in the Sunoco, Inc. Common Stock Fund have been used by the Trustee to purchase Sunoco, Inc. Common Stock on securities exchanges, from Sunoco, Inc., or from any other bona fide offeror of such Sunoco, Inc. Common Stock, at the lowest price obtainable at the time.

ESOP Fund - a fund to be invested principally in Sunoco, Inc. Common Stock, which constitutes an employee stock ownership plan under Section 4975(e)(7) of the Code. No contributions are invested directly in the ESOP Fund.

SDBA Fund - a fund to be invested by the participant in a wide range of investment choices including common stocks listed on major U.S. exchanges, over-the-counter stocks, bonds and eligible mutual funds. The fund may not be invested in: Sunoco, Inc. securities; the Core Funds; investments that would cause unrelated business taxable income; real estate and real estate investment trusts; tax-exempt securities; derivatives; or foreign securities not traded domestically. Investments are currently made as directed by the participant and are purchased through Vanguard s Brokerage Option account. Prior to June 28, 2002, investments were purchased through a brokerage account with Charles Schwab & Co., Inc.

Each of the above funds may invest in short-term investments for purposes of administering the funds, including satisfying the transfer and withdrawal requests of participants.



## SUNOCO, INC. CAPITAL ACCUMULATION PLAN

## NOTES TO FINANCIAL STATEMENTS (Continued)

1. GENERAL DESCRIPTION (Continued)

The following table details for each synthetic investment contract respective interest crediting rates and percentage of the net assets of the Capital Preservation Fund of Master Trust II at December 31, 2003 and 2002:

<b>Financial Institutions Providing Wrapper</b>	<b>Average Interest Crediting Rate</b>		<b>% of Master Trust II Capital Preservation Fund Net Assets</b>	
			<b>at 12/31</b>	
	<b>2003</b>	<b>2002</b>	<b>2003</b>	<b>2002</b>
<b><u>Buy and Hold Portfolios:</u></b>				
CDC IXIS	3.99%	6.29%	5	5
Monumental Life Insurance Company	5.68%	5.75%	7	3
Rabobank Nederland	4.97%	6.12%	6	13
Transamerica Life Companies		7.62%		2
<b><u>Managed Portfolios:</u></b>				
Bank of America	4.40%	5.23%	17	15
Monumental Life Insurance Company	4.38%	5.19%	22	20
Westdeutsche Landesbank Giroentrale	4.30%	5.20%	17	15
			<b>74%*</b>	<b>73%*</b>

\* The other 26% and 27% of net assets of the Capital Preservation Fund of Master Trust II at December 31, 2003 and 2002, respectively, are invested in standard investment contracts (20% and 21%) and in cash and collective trust funds (6% and 6%) actively managed by The Vanguard Group and Keybank National Association. The collective trust funds are comprised primarily of U.S. government-backed and agency obligations and short-term investments.

Over time, the contracts will earn the rate of return of the underlying assets.

## SUNOCO, INC. CAPITAL ACCUMULATION PLAN

## NOTES TO FINANCIAL STATEMENTS (Continued)

1. GENERAL DESCRIPTION (Continued)

Identified below are the insurance companies and other financial institutions that have entered into standard investment contracts as of December 31, 2003 and 2002 with Master Trust II to pay interest on funds invested in them:

Financial Institution	Effective Annual Interest Rate (Net of Expenses)	% of Master Trust II Capital Preservation Fund Net Assets at 12/31		Last Maturity Date
		2003	2002	
Canada Life Assurance Company	5.70%	2	2	11/15/07
GE Capital Assurance Company	6.15%	3	3	11/15/06
Hartford Life Insurance Company	5.89%	2	2	11/15/05
Hartford Life Insurance Company	7.13%	1	1	12/16/05
Jackson National Life Insurance Company	3.79%	3	3	04/11/06
New York Life Insurance Company	3.55%	3	3	10/15/07
Ohio National Life Insurance Company	3.49%		1	09/15/03
Safeco Life Insurance Companies	6.00%		1	07/15/03
Security Life of Denver Insurance Company	4.30%	1	1	08/15/06
Security Life of Denver Insurance Company	2.75%	3		09/15/08
SunAmerica Life Insurance Company	6.68%		2	11/17/03
United of Omaha Life Insurance Company	7.09%	1	1	11/15/04
United of Omaha Life Insurance Company	5.00%	1	1	10/14/05
		20%	21%	

The Plan's relative interest in the standard investment contracts with insurance companies or other financial institutions described above represents the maximum potential credit losses from concentrations of credit risk in the Capital Preservation Fund in accordance with the provisions of Statement of Financial Accounting Standards No. 107, Disclosures about Fair Value of Financial Instruments (SFAS No. 107). SFAS No. 107 requires that such potential credit losses be determined assuming (1) complete nonperformance by the counterparties to the transactions and (2) any related collateral has no value. There is no collateral associated with the standard investment contracts in the Capital Preservation Fund. Plan management believes that future credit losses of the Plan's investment in the Capital Preservation Fund of Master Trust II, if any, would not be material in relation to the Capital Preservation Fund's net assets available for benefits at December 31, 2003. There are no other significant concentrations of credit risk in other Plan assets.

---

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

1. GENERAL DESCRIPTION (Continued)

The average aggregate interest crediting rates at December 31, 2003 and 2002 for all synthetic and standard investment contracts were 4.60% and 5.46%, respectively. The average aggregate yields for the years ended December 31, 2003 and 2002 for such contracts were 4.69% and 5.23%, respectively.

Employers Contributions:

Employer contributions are invested in each of the funds in the same proportion as the participant's contributions are invested in such funds.

Investment Earnings Reinvestment/Distribution:

Earnings from dividends and interest in all funds (except the ESOP Fund and the SDBA Fund) are retained by the Trustee and reinvested in the same fund. A participant who has funds in the ESOP Fund may elect to receive a payment equal to the dividends due on all Sunoco, Inc. Common Stock attributable to his or her account in the ESOP Fund (dividend equivalents) if they exceed \$10. Dividends on Sunoco, Inc. Common Stock in the ESOP Fund for which a participant has not elected to receive an equivalent distribution, or which are not eligible for payment, are credited to his or her account in the ESOP Fund and are reinvested in Sunoco, Inc. Common Stock by the Trustee. Earnings from dividends and interest in the SDBA Fund may, at the participant's election, be reinvested either in eligible securities or short-term investments that are credited directly to the participant's account.

Rollovers, Withdrawals and Transfers:

Certain employees of Sunoco may roll over the taxable portion of a distribution from a tax-qualified plan of a previous employer into the Plan, provided certain conditions imposed by the Plan Administrator are met. Such transfers are separately reflected in the statements of changes in assets available for benefits.

Employees who terminate employment and elect to defer the distribution of their Plan account may also directly roll over the taxable portion of distributions from other Sunoco tax-qualified plans into the Plan.

Upon retirement or other termination of employment, the balances credited to a participant's account will be held in the Plan until the participant reaches age 70 1/2, unless the participant elects an earlier distribution. However, if the participant is still employed at age 70 1/2, the balances will be distributed at retirement. Alternatively, a participant who terminates service may request that the account balance be transferred directly to an individual retirement account or annuity or a defined contribution plan maintained by a successor employer. Retirees or terminated vested persons, regardless of age, may elect to take periodic distributions either through withdrawals every six months in varying amounts or in

substantially equal payments every six months over the participant's remaining life expectancy.



---

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

1. GENERAL DESCRIPTION (Continued)

A participant, during employment, may withdraw up to 100% of Matching Employer Contributions, including any earnings thereon, and his ESOP sub-account under the ESOP Fund, if any, provided that such contributions have been in the Plan for two years. In addition, a participant may withdraw up to 100% of Additional Post-Tax Contributions including any earnings thereon. Withdrawals are permitted once every six months.

Withdrawals from the Equity Index Fund, U.S. Extended Market Equity Index Fund, Large-Cap Value Fund, Large-Cap Growth Fund, Small-Cap Fund, International Equity Fund, Diversified Investments Fund, Bond Index Fund and Capital Preservation Fund may be made in cash as a lump sum or through periodic payments. Withdrawals from the Sunoco, Inc. Common Stock Fund and the ESOP Fund are made in the form of Sunoco, Inc. Common Stock or cash at the participant's discretion. Withdrawals of Sunoco, Inc. Common Stock are valued at the closing market prices on the day the notice of withdrawal has been processed by the Plan. Withdrawals from all investment funds, except the SDBA Fund, will be distributed from participants' investment funds on a pro rata basis.

Account balances in the SDBA Fund cannot be withdrawn directly. Participants must first liquidate investments held in the SDBA Fund and transfer sufficient proceeds to the other investment funds from which the withdrawal or a loan to the participant (see below) can be made.

While actively employed, a participant generally is not entitled to withdraw Basic Pre-Tax Contributions, Basic Post-Tax Contributions or Additional Pre-Tax Contributions, including earnings thereon.

A participant may transfer investments among all funds (except the Loan Fund), subject generally to the following rules. A participant may elect to change the investment allocation percentage for any fund (except the Loan Fund) or elect to transfer a specified dollar amount from the Equity Index Fund, U.S. Extended Market Equity Index Fund, Large-Cap Value Fund, Large-Cap Growth Fund, Small-Cap Fund, International Equity Fund, Diversified Investments Fund, Bond Index Fund, Capital Preservation Fund and SDBA Fund or share equivalents from the Sunoco, Inc. Common Stock and ESOP Funds. Transfers or changes in fund allocation percentages may be made daily.

Should total withdrawals or transfers from a fund cause the Trustee to liquidate securities, resulting in a gain or loss to the fund, such gain or loss will be allocated, pro rata, among the participants who made such withdrawals or transfers.

Notwithstanding the foregoing, benefit payments shall be made in accordance with the Code and IRS regulations and shall be made to a participant and/or his or her designated beneficiary not later than April 1 of the calendar year following the calendar year in which the participant attains 70 1/2 years of age or, if employed at age 70 1/2, at retirement.

---

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

1. GENERAL DESCRIPTION (Continued)

Loans to Participants

The Plan Administrator has the authority, at his sole discretion, to direct the Trustee to lend a participant an amount not exceeding certain portions of the participant's account balance in the Plan. Participants are eligible to borrow if they are on the active payroll of Sunoco and have a Plan account balance of at least \$2,000. The minimum loan amount is \$1,000, while the maximum loan amount is the lesser of (a) \$50,000 adjusted downward by the highest outstanding loan balance in the past twelve months or (b) one-half the value of the participant's account balance. Participants are permitted to borrow only once in a twelve-month period and to have no more than two loans outstanding at any time. Loan proceeds are withdrawn from each fund in which the participant has an account balance (except for the SDBA Fund) on a pro rata basis and are not taxable to the participant when received. Any loan which is not repaid according to its terms is in default and the outstanding loan balance (including accrued interest thereon) is treated as a distribution from the Plan. Loans may be prepaid in full but only after they have been outstanding for at least six months. Loans are reflected in the accompanying statements of assets available for benefits. As loans receivable (including interest thereon) are repaid, amounts are transferred into the funds in the same proportion as the participant's current contributions.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Use of Estimates:

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual amounts could differ from these estimates.

Investments:

The valuation of the Plan's interests in collective trust funds or its relative interest in such funds held by the Master Trusts is based on the closing market price on the last business day of the year of the assets held in the funds; the Plan's relative interest in such funds is determined by the Trustee on a unit-method basis. The Plan's relative interest in investments in both synthetic and standard investment contracts with insurance companies or other financial institutions held by the Master Trusts are stated at contract value. Contract value represents contributions made under the contract plus interest accrued at the contract rate less any withdrawals. Synthetic investment contracts earn interest at rates that are reset at least quarterly as specified in the respective contract while standard investment contracts earn interest at fixed rates or variable rates that are reset at least quarterly. The Master Trusts' management believes that the contract value of all of its investment contracts

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

approximates fair value. However, since there is no significant secondary market for these investments, contract value may not be indicative of amounts that could be realized in a current market exchange. The valuation of Sunoco, Inc. Common Stock is based on the closing market price reported on the New York Stock Exchange on the last business day of the Plan year. Investments held in the SDBA Fund are valued at their closing market prices on the last business day of the Plan year.

Purchases and sales of securities are reflected on a trade-date basis. Dividend income is reported on the ex-dividend date; interest income is recorded as earned on an accrual basis. The net appreciation (depreciation) in the fair value of investments, which consists of realized gains (losses) and unrealized appreciation (depreciation), is reported as a component of the increase (decrease) in value of participation in the Master Trusts (Note 3).

Benefits Paid to Participants:

Benefits paid to participants, which include withdrawals and distributions, are recorded upon distribution.

Administrative Expenses:

All brokerage fees, taxes and other expenses related to the purchase and sale of securities in all funds are paid out of the respective assets of such funds. All other costs and expenses (other than the cost of services provided by Sunoco employees which are paid by Sunoco) incurred in administering the Plan are generally charged, pro rata, to each of the respective funds (except the SDBA Fund). Participants with investments in the SDBA Fund are charged a separate administrative fee which is deducted from their Core Fund investments.

## SUNOCO, INC. CAPITAL ACCUMULATION PLAN

## NOTES TO FINANCIAL STATEMENTS (Continued)

3. SUPPLEMENTAL INFORMATION

The increase (decrease) in value of participation in the Master Trusts for the years ended December 31, 2003 and 2002 was composed of the following:

	<u>2003</u>	<u>2002</u>
Net appreciation (depreciation) in fair value of investments:		
Equity Index Fund	\$ 38,264,558	\$ (46,280,983)
U.S. Extended Market Equity Index Fund	11,866,130	(7,153,246)
Large-Cap Value Fund	3,380,885	(5,030)
Large-Cap Growth Fund	331,418	(9,177)
Small-Cap Fund	1,308,932	(3,585)
International Equity Fund	6,295,405	(2,981,752)
Diversified Investments Fund	19,732,815	(16,935,699)
Bond Index Fund	(166,094)	156,736
Sunoco, Inc. Common Stock and ESOP Funds	45,180,043	(10,540,370)
SDBA Fund	7,069,229	(8,124,555)
	<u>133,263,321</u>	<u>(91,877,661)</u>
Dividend income on Sunoco, Inc. Common Stock	2,724,912	2,772,356
Dividend income from other Core Funds	5,507,233	2,760,941
Interest income from Core Funds	14,679,640	15,931,677
Income from collective trust funds		48,940
	<u>\$ 156,175,106</u>	<u>\$ (70,363,747)</u>

4. INCOME TAX STATUS

The Plan has received a determination letter from the Internal Revenue Service dated September 4, 2002, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (Code) and, therefore, the related trust is exempt from taxation. The Plan has been amended since receiving the determination letter. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Plan Administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan is qualified and the related trust is tax exempt.

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

5. RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

The following is a reconciliation of assets available for benefits per the financial statements to the Internal Revenue Service Form 5500 at December 31, 2003 and 2002:

	<u>2003</u>	<u>2002</u>
Assets available for benefits per the financial statements	\$ 896,208,809	\$ 741,435,073
Benefit payments requested by participants which have not yet been paid at December 31	(61,591)	(239,711)
Assets available for benefits per the Form 5500	<u>\$ 896,147,218</u>	<u>\$ 741,195,362</u>

The following is a reconciliation of benefits paid to participants per the financial statements to the Internal Revenue Service Form 5500 for the years ended December 31, 2003 and 2002:

	<u>2003</u>	<u>2002</u>
Benefits paid to participants per the financial statements	\$ 66,390,555	\$ 58,580,771
Benefit payments requested by participants which have not yet been paid at December 31	61,591	239,711
Benefit payments requested by participants during the preceding year which were paid during the current year	(239,711)	(183,735)
Benefits paid to participants per the Form 5500	<u>\$ 66,212,435</u>	<u>\$ 58,636,747</u>

Withdrawals requested by participants are recorded on the Form 5500 for benefit claims that have been processed and approved for payment prior to December 31 but not yet paid as of that date.

SUNOCO, INC.

CAPITAL ACCUMULATION PLAN

PN 002

E.I. 23-1743282

SCHEDULE H, Line 4i:

SCHEDULE OF ASSETS (HELD AT END OF YEAR)

DECEMBER 31, 2003

Identity of Issue, Borrower, Lessor or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Par or Maturity Value	Current Value
Loans Receivable from Participants	4.00% - 9.50% with various maturity dates (last maturity date December 31, 2013)	\$18,041,099

ITEM 14. EXHIBITS, FINANCIAL STATEMENT SCHEDULES, AND REPORTS ON FORM 8-K

(a) The following documents are filed as part of this report:

3. Exhibits:

23.1 - Consent of Ernst & Young LLP, Independent Registered Public Accounting Firm, for the Sunoco, Inc. Capital Accumulation Plan.

SIGNATURE

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.

SUNOCO, INC. (Registrant)

SUNOCO, INC. CAPITAL ACCUMULATION PLAN

BY           /s/Joseph P. Krott          

Joseph P. Krott  
Comptroller, Sunoco, Inc.  
(Principal Accounting Officer)

DATE June 23, 2004



EXHIBIT INDEX

<u>Exhibit Number</u>	<u>Exhibit</u>
23.1	Consent of Ernst & Young LLP, Independent Registered Public Accounting Firm, for the Sunoco, Inc. Capital Accumulation Plan.