MATTHEWS NORMAN S

Form 4/A June 21, 2005

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * MATTHEWS NORMAN S

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Symbol SUNOCO INC [SUN]

(First) (Last)

(Middle)

(Zip)

3. Date of Earliest Transaction

X_ Director 10% Owner

1801 MARKET STREET

(Month/Day/Year) 05/05/2005

Other (specify Officer (give title below)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person 05/17/2005 Form filed by More than One Reporting Person

PHILADELPHIA, PA 19103-1699

(State)

(Street)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(City)

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion Security or Exercise (Instr. 3) Price of

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

5. Number of Derivative 4. TransactionSecurities Acquired (A) Code or Disposed of (D) (Instr. 8) (Instr. 3, 4, and 5)

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and A Underlying S (Instr. 3 and

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	Derivative Security		Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Phantom Stock Units	(1)	05/05/2005	A(2)		60.007		08/08/1988	08/08/1988	Common Stock
Phantom Stock Units	\$ 0	05/05/2005	M(3)			11,190.396	08/08/1988	08/08/1988	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 0	Director	10% Owner	Officer	Other		
MATTHEWS NORMAN S 1801 MARKET STREET PHILADELPHIA, PA 19103-1699	X					

Signatures

John J. DiRocco, Jr., Attorney-in-fact for Norman S.

Matthews

06/21/2005

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- Conversion of 11,250.401 phantom stock units to cash units having an equivalent market value of \$1,123,341.31 (using a price of \$99.849 per share unit). These phantom stock units were previously acquired under the Sunoco, Inc. Directors' Deferred Compensation Plan in transactions exempt under Rule 16b-3(d).
- (1) The conversion rate is 1 for 1.
- This amendment is being filed to correct the number of share units representing voluntary deferred compensation pursuant to the Sunoco, Inc. Directors' Deferred Compensation Plan, in transactions exempt under Rule 16b-3(d)(1). The correct number of phantom stock units acquired is 188.701 and not the previously reported 128.694 (an increase of 60.007 share units acquired). The conversion rate is 1 for 1.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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