LENNY RICHARD H

Form 4

December 13, 2004

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

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response...

OMB APPROVAL

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

1(b).

Security

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person * LENNY RICHARD H

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

SUNOCO INC [SUN]

(Check all applicable)

(First) (Last)

1801 MARKET STREET

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year)

X_ Director 10% Owner Other (specify Officer (give title below)

12/10/2004

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 Form filed by More than One Reporting

Person

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

PHILADELPHIA, PA 19103-1699

(City) (State) (Zip) 1.Title of

(Street)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

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

5. Amount of 6. Ownership Securities Form: Direct Beneficially Owned Following (Instr. 4)

7. Nature of Indirect (D) or Indirect Beneficial Ownership

(Instr. 4)

(A) or

Reported Transaction(s)

Code V Amount (D) Price

(Instr. 3 and 4)

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

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SEC 1474 (9-02)

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

Price of

(Instr. 3)

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

Execution Date, if (Month/Day/Year)

5. Number of 4 TransactionDerivative Code Securities (Instr. 8) Acquired (A)

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

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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Derivative Security			or Disposed of (D) (Instr. 3, 4, and 5)					
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Phantom Stock Units	\$ 0 (1)	12/10/2004	A(2)	22.185	08/08/1988	08/08/1988	Common Stock	22.185
Deferred Share Units	\$ 0 (1)	12/10/2004	A(3)	5.96	08/08/1988	08/08/1988	Common Stock	5.96

Reporting Owners

Reporting Owner Name / Address	Relationships					
topotong o mari tumo / taut tus	Director	10% Owner	Officer	Other		
LENNY RICHARD H						
801 MARKET STREET	X					
PHILADELPHIA, PA 19103-1699						

Signatures

/s/ John J. DiRocco, Jr., Attorney-in-fact for

12/13/2004

**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).
- (1) The conversion rate is 1 for 1.
- (2) Crediting of dividend equivalents on voluntary deferred compensation account pursuant to the Sunoco, Inc. Directors Deferred Compensation Plan, in transactions exempt under Rule 16b-3(d).
- (3) Dividend equivalents credited as restricted share units acquired pursuant to the Sunoco, Inc. Directors' Deferred Compensation Plan, in transaction exempt under Rule 16b-3(d).

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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