SUNOCO INC Form 4 September 02, 2008

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * Elsenhans Lynn Laverty

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Last)

(First)

(Middle)

SUNOCO INC [SUN] 3. Date of Earliest Transaction

(Month/Day/Year) 08/29/2008

_X__ Director 10% Owner

(Check all applicable)

CEO/President

X_ Officer (give title Other (specify below) below)

1735 MARKET STREET

4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

PHILADELPHIA, PA 19103-7583

(City) (State) (Zip)

(Street)

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

1.Title of Security (Instr. 3)

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

Execution Date, if

(Month/Day/Year)

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

Code V Amount (D) Price

5. Amount of Securities Beneficially Owned Following

Reported

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

Ownership (I) (Instr. 4) (Instr. 4)

(A)

Transaction(s)

(Instr. 3 and 4)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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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 Security

Conversion or Exercise

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

any

4. 5. Number of **Transaction**Derivative Code Securities

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

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

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(Instr. 3)	Price of (Month/Day/Year) Derivative Security		(Instr. 3	Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					(
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Common Stock Unit	<u>(1)</u>	08/29/2008		A(2)		112,663		(3)	(3)	Common Stock	112,663	

Reporting Owners

Reporting Owner Name / Address	Relationships							
. 9	Director	10% Owner	Officer	Other				
Elsenhans Lynn Laverty								
1735 MARKET STREET	X		CEO/President					
PHILADELPHIA, PA 19103-7583								

Signatures

Louisa K. Cresson, Attorney-in-fact for Lynn L.
Elsenhans
09/02/2008

**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).
- (3) Not Applicable
- (1) Conversion rate is 1 for 1.

Special one-time retention-based common stock units awarded in 2008 pursuant to the Sunoco, Inc. Long-Term Performance

(2) Enhancement Plan II ("LTPEP II") in a transaction exempt under Rule 16b-3. Payout of these common stock units is contingent upon continued employment with the Company through each applicable date of vesting from August 29, 2011 through August 29, 2013.

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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