Yardley William T. Form 4 February 20, 2013

Check this box

if no longer

subject to

Section 16.

Form 4 or

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Yardley William T.

(First) (Middle) (Last)

5400 WESTHEIMER COURT

(Street)

(State)

HOUSTON, TX 77056

(City)

1.Title of

Security

(Instr. 3)

2. Issuer Name and Ticker or Trading Symbol

Spectra Energy Corp. [SE]

3. Date of Earliest Transaction

(Month/Day/Year) 02/19/2013

4. If Amendment, Date Original

Filed(Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 4. Securities 5. Amount of

(Month/Day/Year) Execution Date, if (Month/Day/Year)

(Zip)

2. Transaction Date 2A. Deemed

Code (Instr. 8)

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

Securities Beneficially Owned Following (A)

Reported Transaction(s)

Issuer

below)

Person

Director

Applicable Line)

X_ Officer (give title

(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.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number 6. Date Exercisable and Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date Securities Security or Exercise Code (Month/Day/Year) any

(Instr. 3 and 4)

7. Title and Amou

Underlying Securi

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

6. Ownership

Form: Direct

(D) or Indirect Beneficial

X Form filed by One Reporting Person Form filed by More than One Reporting

(I)

(Instr. 4)

(Check all applicable)

below) Pres, US Transmission&Storage

10% Owner

Other (specify

7. Nature of

Ownership

(Instr. 4)

Indirect

Estimated average

burden hours per

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| (Instr. 3) | Price of Derivative Security | | (Month/Day/Year) | (Instr. 8 | 3) | Acquired (A) or Disposed (D) (Instr. 3, and 5) | d of | | | | |
|--|------------------------------------|------------|------------------|-----------|----|---|------|---------------------|-----------------|-----------------|--------------------------------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amo or Nun of Shar |
| LTIP Phantom Stock Grant Feb 2013 | (1) | 02/19/2013 | | A | | 8,500 | | 02/19/2016 | 02/19/2016(2) | Common Stock | 8,5 |
| Performance Shares Feb | (3) | 02/19/2013 | | A | | 6,700 | | 02/19/2016 | <u>(4)</u> | Common Stock | 6,7 |

Reporting Owners

| Reporting Owner Name / Address | icationships | | | | | |
|--------------------------------|--------------|-----------|---------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |

Yardley William T. 5400 WESTHEIMER COURT HOUSTON, TX 77056

Pres, US Transmission&Storage

Relationshine

Signatures

2013

/s/ Allison McHenry as Attorney-in-Fact for William T.
Yardley

02/20/2013

**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) Converts to Common Stock on a 1-for-1 basis.
- (2) Grant cliff vests 3 years from date of Grant.
- (3) Converts to Common Stock on a 1-for-1 basis. The number of performance shares that vest is based on the achievement of a specified total shareholder return for Spectra Energy Corp Common Stock.
- (4) Expiration date not applicable.

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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