Harris Alan N Form 4 February 23, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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

may continue.

See Instruction

Check this box

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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Harris Alan N

(First)

(Middle)

5400 WESTHEIMER COURT

(Street)

2. Issuer Name and Ticker or Trading Symbol

Spectra Energy Corp. [SE]

3. Date of Earliest Transaction (Month/Day/Year) 02/21/2011

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

Chief Dev & Ops Officer

6. Individual or Joint/Group Filing(Check

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

Person

HOUSTON, TX 77056-5310

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative :	Secur	ities Acqu	iired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	4. Securit or(A) or Dis (Instr. 3,	sposed 4 and 3 (A) or	of (D) 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/21/2011		Code V M	Amount 17,600	(D)	Price \$ 26.25	53,135	D	
Common Stock	02/21/2011		F	4,681	D	\$ 26.25	48,454	D	

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 Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	Secu Acqu or D	rrities uired (A) isposed of r. 3, 4,	6. Date Exercis Expiration Dat (Month/Day/Y	e	7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Performance Shares Grant Feb 2008	(1)	02/21/2011		M		17,600 (3)	02/26/2011	(2)	Common Stock	17,600

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Maine / Address	

Director 10% Owner Officer Other

Harris Alan N

5400 WESTHEIMER COURT

HOUSTON, TX 77056-5310

Chief Dev & Ops

Ops

Officer

Signatures

/s/Emily L. Strait, attorney-in-fact for Mr.
Harris 02/23/2011

**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. The number of performance shares that vest is based on the achievement of a specified total shareholder return for Spectra Energy Corp Common Stock.
- (2) Expiration date not applicable.
- (3) Performance award is greater than original target.

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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