Ables Dorothy M Form 4 April 05, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

Number: 3235-0287

Synings: January 31,

Expires: 2005
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obligations

may continue.

SECURITIES

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

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *			2. Issuer Name and Ticker or Trading			5. Relationship of Reporting Person(s) to			
Ables Dorothy M		Symbol		C	Issuer (Check all applicable)				
			Spectra	Energy C					Corp. [SE]
(Last)	(Last) (First) (Middle)			Earliest T					ransaction
			(Month/D	ay/Year)		Director	10%	Owner	
5400 WESTHEIMER COURT			04/05/2	010		_X_ Officer (given below)	below)	•	
						Chief Ad	lministrative Of	ficer	
(Street)			4. If Amendment, Date Original			6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)			Applicable Line)			
						X Form filed by I	1 0		
HOUSTON	N, TX 77056					Person	viore than one re	porting	
(City)	(State)	(Zip)	Tabl	e I - Non-I	Derivative Securities Acq	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of	2. Transaction	Date 2A. Dee	emed	3.	4. Securities Acquired	5. Amount of	6. Ownership	7. Nature	
Security	(Month/Day/Y	ear) Execution	on Date, if	Transacti	on(A) or Disposed of (D)	Securities	Form: Direct	Indirect	

		Tabl	CI-NOII-D	ciivative	Secui	nues Acq	quired, Disposed of, of Deficiencially Owned					
1.Title of	2. Transaction Date		3. 4. Securities Acquired		5. Amount of	6. Ownership						
Security	(Month/Day/Year)	Execution Date, if	Transactio	` ′		` ′	Securities	Form: Direct	Indirect			
(Instr. 3)		any	Code	(Instr. 3,	4 and	. 5)	Beneficially	(D) or	Beneficial			
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership			
							Following	(Instr. 4)	(Instr. 4)			
					()		Reported					
					(A)		Transaction(s)					
					or		(Instr. 3 and 4)					
			Code V	Amount	(D)	Price	(Institution and I)					
Common	04/05/2010		M	449	A	\$ 22.84	61,926	D				
Stock						22.04						
Common Stock	04/05/2010		F	119	D	\$ 2,284	61,807	D				

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

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SEC 1474

(9-02)

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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. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date (Month/Day/Year) curities equired) or sposed (D) sstr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price Derivati Security (Instr. 5
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Ltip Common Stock Grant Apr 2006	(1)	04/05/2010		M	449	(3)	(2)	Common Stock	449	\$ 0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Ables Dorothy M 5400 WESTHEIMER COURT HOUSTON, TX 77056

Chief Administrative Officer

Signatures

/s/By Beverly J. Fite as Attorney-in-Fact for Dorothy M.

Ables 04/05/2010

**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) Expiration date not applicable.
- (3) The phantom shares vest in 5 annual installments beginning April 2007.

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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