

CELANESE CORP

Reported by
ONEILL PAUL H

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 02/10/10 for the Period Ending 01/15/10

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Symbol	CE
Fiscal Year	12/31

FORM 4

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

OMB APPROVAL
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * ONEILL PAUL H (Last) (First) (Middle) C/O CELANESE CORPORATION, 1601 W. LBJ FREEWAY (Street) DALLAS, TX 75234 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol Celanese CORP [CE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director _____ 10% Owner _____ Officer (give title below) _____ Other (specify below)
3. Date of Earliest Transaction (MM/DD/YYYY) <p align="center">1/15/2010</p>		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> 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		

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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)
			Code	V	Amount	(A) or (D)	Price			

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Phantom Stock	(1)	1/15/2010		A		730.77		(2)	(2)	Series A Common Stock	730.77	\$0	13792.26	D	

Explanation of Responses:

- (1) Each share of Phantom Stock represents the right to receive the cash value of one share of Series A Common Stock.
- (2) The Phantom Stock represents deferred compensation under the Company's 2008 Deferred Compensation Plan. The shares of Phantom Stock become payable in cash or shares of Series A Common Stock, as provided in the Company's 2008 Deferred Compensation Plan, following the termination of the reporting person's service as a director of the Company.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ONEILL PAUL H C/O CELANESE CORPORATION 1601 W. LBJ FREEWAY DALLAS, TX 75234	X			

Signatures

/s/ Robert L. Villasenor, Attorney-in-Fact for Paul O'Neill

2/10/2010

**Signature of Reporting Person

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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.