POLYONE CORP Form 4 March 09, 2007

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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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 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 * WILSON W DAVID			2. Issuer Name and Ticker or Trading Symbol POLYONE CORP [POL]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
POLYONE CENTER, 33587 WALKER ROAD			(Month/Day/Year) 03/08/2007	Director 10% Owner _X Officer (give title Other (specify below) Sr Vice President & CFO		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
AVON LAKI	Е, ОН 4401	2	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	rities Acqui	red, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit ord Dispos (Instr. 3, 4)	ed of (` ′	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	03/08/2007		M	8,134	A	\$6	86,421	D	
Common Stock	03/08/2007		S	8,134	D	\$ 6.5069	78,287	D	
Common Stock	03/08/2007		M	16,666	A	\$ 6	94,953	D	
Common Stock	03/08/2007		S	16,666	D	\$ 6.5069	78,287	D	
Common Stock							48,283	I	Savings Plan Trust

Common Stock 20 I by Daughter

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

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SEC 1474

(9-02)

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 orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Am or Nu of S
Incentive Stock Option (right to buy)	\$ 6	03/08/2007		M	16,666	04/01/2006	04/01/2007	Common Stock	16
Non-Qualified Stock Option (right to buy)	\$ 6	03/08/2007		M	8,134	04/01/2006	04/01/2007	Common Stock	8,

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

WILSON W DAVID POLYONE CENTER 33587 WALKER ROAD AVON LAKE, OH 44012

Sr Vice President & CFO

Signatures

By: Duane Myatt Power of Attorney For: W. David
Wilson

03/09/2007

**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).

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(1) The information in this report is based on a PolyOne Retirement Savings Plan statement dated as of December 31, 2006. PolyOne common shares are held in a unitized fund that consists of stock and cash. The number of shares and the amount of cash may fluctuate daily depending on plan level activity in the fund. Even though no transaction has occurred, this fluctuation may result in an increase or decrease in the number of shares held since the last report filed by the reporting person.

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.