DOW CHEMICAL CO /DE/

Form 4

March 09, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

1. Name and Address of Reporting Person *

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

2. Issuer Name and Ticker or Trading

1(b).

(Print or Type Responses)

STAVROPOULOS WILLIAM S		Symbol DOW CHEMICAL CO /DE/ [DOW]					Issuer (Check all applicable)				
(Last) (First) (Middle) 2030 DOW CENTER		3. Date of Earliest Transaction (Month/Day/Year) 03/07/2005					_X_ Director 10% OwnerX_ Officer (give title Other (specify below) Chairman of the Board				
MIDI ANI	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)				Ap	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
	D, MI 48674						Per	Person			
(City)	(State)	(Zip)	Tal	ble I - Non	-Derivative	Securi	ities Acquir	ed, Disposed of, o	or Beneficially	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deem Execution any (Month/Da	Date, if	3. Transactic Code (Instr. 8)	4. Securities on Disposed to (Instr. 3, 4) Amount	f (D)		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	03/07/2005			M	150,000	A	\$ 36.0208	412,630	D		
Common Stock	03/07/2005			F	96,916	D	\$ 55.75	315,714	D		
Common Stock	03/07/2005			F(2)	16,111	D	\$ 55.75	2,999,603	D		
Common Stock	03/07/2005			S	189	D	\$ 55.49	299,414	D		
Common Stock	03/07/2005			S	9,318	D	\$ 55.5	290,096	D		

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Common Stock	03/07/2005	S	3,085	D	\$ 55.51	287,011	D	
Common Stock	03/07/2005	S	2,833	D	\$ 55.52	284,178	D	
Common Stock	03/07/2005	S	7,052	D	\$ 55.53	277,126	D	
Common Stock	03/07/2005	S	6,436	D	\$ 55.54	270,690	D	
Common Stock	03/07/2005	S	3,211	D	\$ 55.55	267,479	D	
Common Stock	03/07/2005	S	3,777	D	\$ 55.56	263,702	D	
Common Stock	03/07/2005	S	190	D	\$ 55.57	263,512	D	
Common Stock	03/07/2005	S	882	D	\$ 55.58	262,630	D	
Common Stock						8,260.695	I	by 401(k) Plan
Common Stock						1,477.033	I	by 401(k) Plan ESOP
Common Stock						34,680	I	by Spouse

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

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(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)	Execution Date, if TransactionDerivative any Code Securities (Month/Day/Year) (Instr. 8) Acquired (vative arities uired (A) or losed of (D)	6. Date Exer Expiration D (Month/Day)	7. Title and Amou Underlying Secur (Instr. 3 and 4)			
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Am Nui Sha
Non-Qualified Stock Option (right to buy)	\$ 36.0208	03/07/2005		M		150,000	(3)	02/16/2010	Common Stock	15

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

STAVROPOULOS WILLIAM S 2030 DOW CENTER

X Chairman of the Board

MIDLAND, MI 48674

Signatures

Tina S. Van Dam for William S. Stavropoulos, Chairman of the Board

03/07/2005

**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) Granted under The Dow Chemical Company 1988 Award and Option Plan, a Rule 16b-3 plan. The plan pursuant to which the reported grant was made provides for tax withholding rights.
- (2) Shares withheld pursuant to tax withholding rights under award and option plan in a transaction exempt under Rule 16b-3.
- (3) The options vest in three equal annual installments beginning on February 16, 2001.

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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