

ALLEMANG ARNOLD A
Form 4
February 01, 2005

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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

(Print or Type Responses)

1. Name and Address of Reporting Person *
ALLEMANG ARNOLD A

2. Issuer Name and Ticker or Trading Symbol
DOW CHEMICAL CO /DE/ [DOW]

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)

(Last) (First) (Middle)
2030 DOW CENTER
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
01/28/2005

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Senior Advisor

MIDLAND, MI 48674

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	01/28/2005		J ⁽¹⁾		26,423	D	\$ 0 3,270
Common Stock	01/28/2005		J ⁽¹⁾		26,423	A	\$ 0 1,045,500
Common Stock	01/31/2005		S		25,300	D	\$ 49.68 79,250
Common Stock	01/31/2005		S		900	D	\$ 49.76 78,350
Common Stock	01/31/2005		S		223	D	\$ 49.75 78,127

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Common Stock	70,171	I	by Trust 2
Common Stock	3,074.025	I	by 401(k) Plan
Common Stock	1,339.911	I	by 401(k) Plan ESOP
Common Stock	1,872	I	by IRA

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction 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 (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu...
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ALLEMANG ARNOLD A 2030 DOW CENTER MIDLAND, MI 48674			Senior Advisor	

Signatures

Tina S. Van Dam for Arnold A. Allemand
Date: 02/01/2005

**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) Change in form of ownership.

(2) Arnold Avery Allemang and Teresa Sue Spangler Allemang, as Trustee of the Arnold Avery Allemang Revocable Trust U/A 07-28-94

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

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