

DOW CHEMICAL CO /DE/  
Form 4  
August 05, 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 \*  
**REINHARD J PEDRO**

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

MIDLAND, MI 48674

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)  
**08/03/2005**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**Executive VP & CFO**

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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. 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 Ownership (Instr. 4)
				Code	V Amount Price			
Common Stock <sup>(1)</sup>	08/03/2005		M		85,000 A \$ 27.4	282,598	D	
Common Stock	08/03/2005		F		48,567 D \$ 47.955	234,031	D	
Common Stock	08/03/2005		F <sup>(2)</sup>		14,701 D \$ 47.955	219,330	D	
Common Stock <sup>(1)</sup>	08/03/2005		M		76,700 A \$ 30.425	296,030	D	
Common Stock	08/03/2005		F		48,663 D \$ 47.955	247,367	D	

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Common Stock	08/03/2005	F <sup>(2)</sup>	11,314	D	\$ 47.955	236,053	D	
Common Stock						4,132.6	I	by 401(k) Plan
Common Stock						920.866	I	by 401(k) Plan ESOP
Common Stock						3,220.552	I	by Daughter
Common Stock						3,220.552	I	by Son

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

**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.**

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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 Security (Instr. 3 and 4)	8. Amount or Number of Shares
Non-Qualified Stock Option (right to buy) <u>(1)</u>	\$ 27.4	08/03/2005		M	85,000	<u>(3)</u> 02/14/2013	Common Stock	85,000
Non-Qualified Stock Option (right to buy) <u>(1)</u>	\$ 30.425	08/03/2005		M	76,700	<u>(4)</u> 02/15/2012	Common Stock	76,700

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
	X		Executive VP & CFO	

REINHARD J PEDRO  
2030 DOW CENTER  
MIDLAND, MI 48674

## Signatures

W.Michael McGuire for J.P. Reinhard, Executive VP &  
CFO

08/05/2005

        \*\*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 provides for tax withholding rights.
- (2) Shares withheld pursuant to tax withholding rights under award and option plans in a transaction exempt under Rule 16b-3.
- (3) The options vest in three equal annual installments beginning on February 14, 2004.
- (4) The options vest in three equal annual installments beginning on February 15, 2003.

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.