CHEMICAL FINANCIAL CORP

Form 4/A

August 14, 2008

FORM 4

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

OMB Number: 3235-0287

5. Relationship of Reporting Person(s) to

Expires: January 31, 2005

OMB APPROVAL

Estimated average burden hours per response... 0.5

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

2. Issuer Name and Ticker or Trading

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Monastiere Dominic Issuer Symbol CHEMICAL FINANCIAL CORP (Check all applicable) [(CHFC)] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) 235 EAST MAIN STREET 08/08/2008 Officer of Princ. Bus. Unit (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person 08/12/2008 Form filed by More than One Reporting MIDLAND, MI 48640 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial Ownership (Month/Day/Year) Owned Direct (D) (Instr. 8) Following or Indirect (Instr. 4) Reported (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) Code V Amount (D) Price Common 08/08/2008 M 1.736 A 13,083 D Stock 23.6303 Common 08/08/2008 F D 1,531 D \$ 28.48 11,552 Stock Common By 401(k) $2,982.49 \frac{(1)}{2}$ Stock plan

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

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number.

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. Transacti Code (Instr. 8)	5. Number ction of Derivative Securities 8) 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)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy) (2)	\$ 23.6303	08/08/2008		M		1,736	10/15/2002	10/15/2011	Common Stock	1,736

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Monastiere Dominic 235 EAST MAIN STREET MIDLAND, MI 48640

Officer of Princ. Bus. Unit

Signatures

/s/ Dominic

Monastiere 08/13/2008

**Signature of Reporting 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) Between 07/01/2007 and 06/30/08 the reporting person acquired 142.420 shares of Chemical Financial Corporation stock under the Chemical Financial Corporation 401(k) plan.
- (2) Employee stock option awarded under Chemical Financial Corporation 1997 Stock Option Plan.

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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