Anderson Gary E Form 4 December 20, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

3235-0287 Number:

Expires:

January 31, 2005

0.5

Estimated average

burden hours per

response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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 *

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

Anderson Gary E

CHEMICAL FINANCIAL CORP

(Check all applicable)

[(CHFC)]

(Last) (First) 3. Date of Earliest Transaction

4. If Amendment, Date Original

_X__ Director Officer (give title

10% Owner Other (specify

2992 S LAKE LEELANAU DR

(Month/Day/Year) 12/17/2010

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

LEELANAU, MI 49653

(City) (State) (Zip)

(Street)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

(Middle)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) (Instr. 4)

Ownership (Instr. 4)

(A) or Code V Amount (D) Price

Reported Transaction(s) (Instr. 3 and 4)

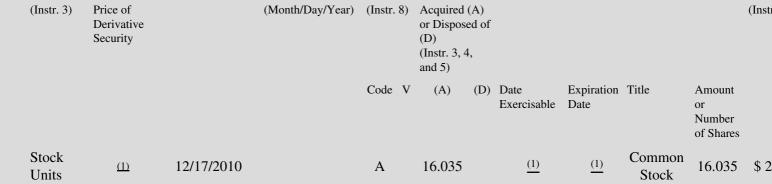
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amount of 8. Pr TransactionDerivative (Month/Day/Year) **Expiration Date Underlying Securities** Derivative Conversion Execution Date, if Deri (Month/Day/Year) (Instr. 3 and 4) Security or Exercise Code Securities Secu any

Edgar Filing: Anderson Gary E - Form 4



Reporting Owners

Relationships

Reporting Owner Name / Address

 $\begin{array}{ccc} \text{Director} & \frac{10\%}{\text{Owner}} & \text{Officer} & \text{Other} \end{array}$

Anderson Gary E 2992 S LAKE LEELANAU DR X LEELANAU, MI 49653

Signatures

/s/ Lori A. Gwizdala, His Attorney-in-Fact

12/20/2010

**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).
 - Award of stock units representing dividend equivalents pursuant to Chemical Financial Corporation Directors' Deferred Stock Plan.
- (1) Shares of common stock are issuable on a one-for-one basis in either a lump sum or installments after termination of service as a director or upon a change in control of the Company.

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.

Reporting Owners 2