

CHICAGO MERCANTILE EXCHANGE HOLDINGS INC  
 Form 4/A  
 July 08, 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 \*  
 KEEVE EILEEN

(Last) (First) (Middle)

20 S. WACKER DR.  
 (Street)

CHICAGO, IL 60

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 CHICAGO MERCANTILE EXCHANGE HOLDINGS INC [CME]

3. Date of Earliest Transaction (Month/Day/Year)  
 07/01/2005

4. If Amendment, Date Original Filed(Month/Day/Year)  
 07/05/2005

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 MD Org. Development

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D) Code V Amount (D) Price                                |   |  |                                   |
| Common Stock Class A            | 07/01/2005                           |  | M                              | 350 <sup>(1)</sup> A \$ 35  | 2,980   | D  |                                   |
| Common Stock Class A            | 07/01/2005                           |  | S                              | 750 <sup>(2)</sup> D \$ 298.5                                     | 2,230   | D  |                                   |

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. 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. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Stock Options (Right to buy)               | \$ 35  | 07/01/2005                           |  | M                              | 350   | 12/06/2004 <sup>(3)</sup> 12/06/2012                     | Common Stock Class A  | 350                           |

## Reporting Owners

| Reporting Owner Name / Address                     | Relationships |           |                        |       |
|--|---------------|-----------|------------------------|-------|
|  | Director      | 10% Owner | Officer                | Other |
| KEEVE EILEEN<br>20 S. WACKER DR.<br>CHICAGO, IL 60 |               |           | MD Org.<br>Development |       |

## Signatures

Margaret C. Austin, Attorney  
in Fact 07/08/2005

\_\_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).
- (3) On December 6, 2004, this option vested with respect to 60% of the granted number of shares covered by the option. An additional 20% of the shares subject to the option will become exercisable on each of two subsequent anniversaries of that date, subject to acceleration or termination in certain circumstances.
- (2) This sale was completed pursuant to the terms of a pre-arranged trading plan established in accordance with Rule 10b5-1.
- (1) This amendment is being filed to accurately reflect that the reporting person's sale of 750 shares on July 1, 2005, which sale was accurately reported, consisted of 350 shares acquired upon the exercise of options with a \$35 exercise price and 400 shares of stock rather than 750 shares acquired upon the exercise of options.

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.