Washington, D.C. 20549

CME GROUP INC.

Check this box if

Form 5

January 16, 2014

FORM 5 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

OMB 3235-0362 Number:

January 31, Expires: 2005

1.0

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no longer subject to Section 16. ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form 5 obligations OWNERSHIP OF SECURITIES may continue.

See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940

Form 4

Transactions Reported

| 1. Name and Address of Reporting Person ** Pankau Ronald A. | | | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer | | | |
|---|---------|----------|--|--|--|--|--|
| (Last) | (First) | (Middle) | CME GROUP INC. [CME] 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2013 | (Check all applicable) _X_ Director 10% Owner Officer (give title Other (speci- | | | |
| 20 S. WACKER DR. (Street) | | | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Reporting (check applicable line) | | | |

CHICAGO, ILÂ 60606

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

| (City) | (State) | (Zip) Tabl | le I - Non-Der | ivative Se | curitio | es Acquir | ed, Disposed of | , or Beneficial | y 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. Securi (A) or D (Instr. 3, | ispose | d of (D) | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| Common Stock Class A | 12/05/2013 | Â | S4 | 100 | D | \$ 78.98 | 3,120 | D | Â |

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.

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

SEC 2270

(9-02)

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| 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | cisable and | 7. Titl | e and | 8. Price of |
|-------------|-------------|---------------------|--------------------|-------------|------------|---------------|-------------|---------|----------|-------------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transaction | Number | Expiration D | ate | Amou | nt of | Derivative |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | lying | Security |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securi | ities | (Instr. 5) |
| | Derivative | | | | Securities | | | (Instr. | 3 and 4) | |
| | Security | | | | Acquired | | | | | |
| | | | | | (A) or | | | | | |
| | | | | | Disposed | | | | | |
| | | | | | of (D) | | | | | |
| | | | | | (Instr. 3, | | | | | |
| | | | | | 4, and 5) | | | | | |
| | | | | | | | | | Amount | |
| | | | | | | Date | Evaluation | | or | |
| | | | | | | | Expiration | Title | Number | |
| | | | | | | Exercisable | Date | | of | |
| | | | | | (A) (D) | | | | Shares | |

of D

В

Is Fi

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|---|---------------|-----------|---------|-------|--|--|--|
| ·r· | Director | 10% Owner | Officer | Other | | | |
| Pankau Ronald A. 20 S. WACKER DR. CHICAGO, IL 60606 | ÂX | Â | Â | Â | | | |

Signatures

By: Margaret Austin Wright for Ronald A.
Pankau
01/16/2014

**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).

Note: File three copies of this Form, one of which must be manually signed. If space provided 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