CME GROUP INC. Form 4/A May 15, 2017

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

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 Ad CRONIN KA	5	2. Issuer Name and Ticker or Trading Symbol CME GROUP INC. [CME]					5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First) (M		3. Date of Earliest Transaction					(Check all applicable)			
20 S. WACKER DR			(Month/Day/Year) 03/15/2017					Director 10% OwnerX Officer (give title Other (specify below) Sr MD Gen Counsel & Corp Secr			
CHICAGO,	I	4. If Amendment, Date Original Filed(Month/Day/Year) 03/17/2017					6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(State)	(Zip)	Table	I - Non-De	erivative S	Securi	ties Ac	quired, Disposed of, or Beneficially Owned			
1.Title of Security (Instr. 3)	y (Month/Day/Year) Execution any				(A) or			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 Indirect Beneficial Ownership (Instr. 4)	
Common Stock Class A	03/15/2017			A(1)	5,664 (2)	A	\$ 0	31,549	D		

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)

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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. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr	
					4, and 5)	Date	Expiration		Amount		
				Code V	(A) (D)	Exercisable	Date	Title	Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

CRONIN KATHLEEN M 20 S. WACKER DR CHICAGO, IL 60606

Sr MD Gen Counsel & Corp Secr

Signatures

by: Margaret Austin Wright for Kathleen M.

Cronin

05/15/2017

Date

**Signature of Reporting Person

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) This Form 4A is being filed to correct the number of shares acquired by Ms. Cronin on March 15, 2017. The original Form 4 misstated the amount.
- (2) Represents shares earned from a 2013 performance share award based upon the company's achievement of cash earnings per share growth and total shareholder return relative to the S&P 500 measured over 2014-2016.

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