CME GROUP INC.

Form 4

December 08, 2016

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

OMB APPROVAL

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January 31, Expires: 2005

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Form filed by More than One Reporting

Person

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

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

Section 16.

subject to

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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Piell Hilda Harris Issuer Symbol CME GROUP INC. [CME] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify _X__ Officer (give title 20 S. WACKER DRIVE 12/07/2016 below) Sr MD & Chief HR Officer (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

CHICAGO, IL 60606

Stock

(City)	(State)	(Zip) Tabl	e I - Non-L	Derivative	Secui	rities Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	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	12/07/2016		M	375	A	\$ 106.58	29,500	D	
Common Stock Class A	12/07/2016		S	375 (1)	D	\$ 120	29,125	D	
Common Stock Class A	12/07/2016		M	3,275	A	\$ 110.54	32,400	D	
Common	12/07/2016		S	3,275	D	\$ 120	29,125	D	

(1)

Class A

Common Stock Class A	12/07/2016	M	2,200	A	\$ 109.72	31,325	D
Common Stock Class A	12/07/2016	S	2,200 (1)	D	\$ 120	29,125	D

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

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SEC 1474

(9-02)

Other

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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ame Underlying Sect (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Ai or Ni of Sh
Non-Qualified Stock Option (right to buy)	\$ 106.58	12/07/2016		M	375	03/15/2012(2)	03/15/2017	Common Stock Class A	
Non-Qualified Stock Option (right to buy)	\$ 109.72	12/07/2016		M	2,200	09/14/2012(3)	09/14/2017	Common Stock Class A	2
Non-Qualified Stock Option (right to buy)	\$ 110.54	12/07/2016		M	3,275	06/15/2012(4)	06/15/2017	Common Stock Class A	(1)

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer			

Piell Hilda Harris

20 S. WACKER DRIVE Sr MD & Chief HR Officer CHICAGO, IL 60606

Reporting Owners 2

Date

Signatures

By: Margaret Austin Wright For: Hilda L. Piell

**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 sale was completed pursuant to the terms of a pre-arranged trading plan established in accordance with Rule 10b5-1.
- (2) On March 15, 2012, these options vested with respect to 100% of the granted number of shares covered by the option.
- (3) On September 14, 2012, these options vested with respect to 100% of the granted number of shares covered by the option.
- (4) On June 15, 2012, these options vested with respect to 100% of the granted number of shares covered by the option.

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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