CME GROUP INC.

Form 4

December 10, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

Expires:

3235-0287 Number: January 31,

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

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 * Piell Hilda Harris			2. Issuer Name and Ticker or Trading Symbol CME GROUP INC. [CME]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
20 S. WACKER DRIVE			(Month/Day/Year) 12/08/2014	Director 10% Owner _X_ Officer (give title Other (specify below) Sr MD & Chief HR Officer			
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)			
			Thouast an Tour	_X_ Form filed by One Reporting Person Form filed by More than One Reporting			

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(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, 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. Transactio Code (Instr. 8)	4. Securi on(A) or Do (Instr. 3,	(A) or	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	12/08/2014				` /		25,961	D	
Common Stock Class A	12/08/2014		S	5,825 (1)	D	\$ 89	20,136	D	

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

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Person

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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 on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	vative Expiration Date ies (Month/Day/Year) ed		7. Title and Ame Underlying Secu (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	An or No of Sh
Non-Qualified Stock Option (right to buy)	\$ 83.88	12/08/2014		M	5,825	06/16/2013(2)	06/16/2018	Common Stock Class A	5

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Piell Hilda Harris

20 S. WACKER DRIVE Sr MD & Chief HR Officer

CHICAGO, IL 60606

Signatures

By: Margaret Austin Wright For: Hilda

12/10/2014 L. Piell

> **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).
- (1) This sale was completed pursuant to the terms of a pre-arranged trading plan established in accordance with Rule 10b5-1.
- (2) On June 16, 2013, 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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