

Piell Hilda Harris
 Form 4
 September 18, 2012

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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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 *
 Piell Hilda Harris

2. Issuer Name and Ticker or Trading Symbol
 CME GROUP INC. [CME]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 20 S. WACKER DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 09/14/2012

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Sr MD & Chief HR Officer

CHICAGO, IL 60606

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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)	Price		
Common Stock Class A	09/14/2012		F	23 ⁽¹⁾	D \$ 58.89	12,892	D
Common Stock Class A	09/14/2012		A	3,184	A \$ 0	16,076	D
Common Stock Class A	09/15/2012		F	262 ⁽²⁾	D \$ 58.89	15,814	D
Common Stock Class	09/15/2012		F	233 ⁽²⁾	D \$ 58.89	15,581	D

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- (2) Ms. Piell surrendered shares to the Company in order to fulfill tax withholding obligations upon the vesting of restricted stock on September 15, 2012.

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