CME GROUP INC.

Form 4

November 13, 2007

OMB APPROVAL

OMB 3235-0287 Number:

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

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

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

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

(Last)

Stock

1. Name and Address of Reporting Person * **GILL PHUPINDER**

(First)

(Street)

(Middle)

2. Issuer Name and Ticker or Trading Symbol

CME GROUP INC. [CME]

4. If Amendment, Date Original

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

Filed(Month/Day/Year)

11/09/2007

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify below) below)

President

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

CHICAGO, IL 60606

20 S. WACKER DRIVE

(City)	(State)	(Zip) Tab	le I - Non-I	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	omr Dispose (Instr. 3, 4	ed of (A) or	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 Indirect Beneficia Ownershi (Instr. 4)
Common Stock Class A	11/09/2007		Code V M	3,000	(D)	Price \$ 22	10,860	D	
Common Stock Class A	11/09/2007		S	3,000 (1)	D	\$ 656.38	7,860	D	
Common Stock Class A	11/09/2007		M	11,000	A	\$ 63.01	18,860	D	
Common	11/09/2007		S	11,000	D	\$	7,860	D	

(1)

656.38

7. Nature of Indirect Beneficial Ownership (Instr. 4)

Class A

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

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(9-02)

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. Transactic Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ar Underlying Se (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title I
Non-Qualified Stock Option (right to buy)	\$ 22	11/09/2007		M	3,000	05/07/2005(2)	05/07/2011	Common Stock Class A
Non-Qualified Stock Option (right to buy)	\$ 63.01	11/09/2007		M	11,000	06/06/2007(3)	06/06/2013	Common Stock Class A

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
GILL PHUPINDER							
20 S. WACKER DRIVE			President				

Signatures

CHICAGO, IL 60606

By: Margaret C. Austin For: Phupinder 11/12/2007 S. Gill

> **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) As of May 7, 2005 this option grant was 100% vested.

Reporting Owners 2

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On June 6, 2007, this option vested with respect to 80% of the granted number of shares covered by the option. On the anniversary of that (3) date in the subsequent year, the option will vest with respect to an additional 20% of the shares covered by the option, subject to acceleration or termination in certain circumstances.

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.