SEC Form 4

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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

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			or Section 30(h) of the Investment Company Act of 1940							
	dress of Reporting	Person*	2. Issuer Name and Ticker or Trading Symbol <u>CME GROUP INC.</u> [CME]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
DUNUHU	<u>E CRAIG S</u>		()	X	Director	10% Owner				
(Last) 20 S. WACKI	(First) ER DRIVE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 12/17/2007	x	Officer (give title below) CEO	Other (specify below)				
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line)	vidual or Joint/Group Fili	ng (Check Applicable				
CHICAGO	IL	60606		X	Form filed by One Re	porting Person				
(City)	(State)	(Zip)			Form filed by More th Person	an One Reporting				

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)	Transaction Code (Instr.					5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(Instr. 4)
Common Stock Class A	12/17/2007		М		5,000	A	\$22	14,500	D	
Common Stock Class A	12/17/2007		S		5,000 ⁽¹⁾	D	\$699.55	9,500	D	

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. Transa Code (8)		of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non- Qualified Stock Option (right to buy)	\$22	12/17/2007		М			5,000	05/07/2005 ⁽²⁾	05/07/2011	Common Stock Class A	5,000	\$0	32,500	D	

Explanation of Responses:

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.

By: Margaret C. Austin For:

Craig S. Donohue

12/18/2007

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.