SEC Form 4

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 or Section 30(h) of the Investment Company Act of 1940

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1. Name and Add	1 0	Person*	2. Issuer Name and Ticker or Trading Symbol CME GROUP INC. [CME]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
DONOHUE	<u>CRAIG S</u>			X	Director	10% Owner			
(Last) 20 S. WACKE	(First) R DRIVE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 09/15/2009	x	Officer (give title below)	Other (specify below)			
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indi Line)	vidual or Joint/Group Filir	ng (Check Applicable			
CHICAGO	IL	60606		X	Form filed by One Re	porting Person			
(City)	(State)	(Zip)	—		Form filed by More the Person	an One Reporting			
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year) 24. Deemed Execution Date, if any (Month/Day/Year)		Transaction Code (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	 Reported Transaction(s) (Instr. 3 and 4) 		(Instr. 4)
Common Stock Class A	09/15/2009		Α		5,628	A	\$ <mark>0</mark>	26,734	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. Transaction Code (Instr. 8) 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		e (A) ed tr.	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	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		Transaction(s) (Instr. 4)			
Non- Qualified Stock Option (right to buy)	\$284.34	09/15/2009		A		11,376 ⁽¹⁾		09/15/2010	09/15/2019	Common Stock Class A	11,376	\$0	11,376	D		

Explanation of Responses:

1. These options were granted on September 15, 2009. They vest over a four-year period, with 25% vesting one year after the grant date and 25% vesting on that same date in each of the following three years, subject to acceleration or termination in certain circumstances.

By: Margaret C	C. Austin For:
Craig Donohue	<u>a</u>

09/17/2009

Date

** Signature of Reporting Person

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.