Odom C C II Form 4 December 03, 2010

FORM 4

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

Check this box if no longer subject to

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

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OMB APPROVAL

3235-0287

January 31,

OMB

Number:

Form 4 or Form 5 obligations may continue. See Instruction

Section 16.

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 * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Odom C C II Issuer Symbol CME GROUP INC. [CME] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner Other (specify Officer (give title 20 S. WACKER DRIVE 12/01/2010 below) (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting CHICAGO, IL 60606 Person

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative Securitie	es Acqu	uired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	Execution Date, if		4. Securities on Acquired (A) or		5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	Disposed of (D) (Instr. 3, 4 and 5)) (Beneficially Owned Following	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
				(A) or]	Reported Transaction(s) (Instr. 3 and 4)	(msu. 1)	(IIIsti. 1)
Common			Code V		Price			
Stock Class	12/01/2010		S	200 <u>(1)</u> D	\$ 300	3,501.125	D	

A

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title Amoun Underly Securiti (Instr. 3	t of ying es	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer Other				
Odom C C II							
20 S. WACKER DRIVE	X						
CHICAGO, IL 60606							

Signatures

By: Margaret C. Austin For: C.C. 12/02/2010 Odom II

**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.

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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