Warren Scot E. Form 3 February 26, 2010

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF 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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement CME GROUP INC. [CME] Warren Scot E. (Month/Day/Year) 02/19/2010 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 20 S. WACKER DRIVE (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) 10% Owner Director _X_ Form filed by One Reporting _X__ Officer Other Person CHICAGO, Â ILÂ 60606 (give title below) (specify below) Form filed by More than One **MD Equity Products** Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 2. Amount of Securities 4. Nature of Indirect Beneficial 1. Title of Security Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Common Stock Class A D Â 838 Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not

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 $Table\ II\ -\ Derivative\ Securities\ Beneficially\ Owned\ (\textit{e.g.},\ puts,\ calls,\ warrants,\ options,\ convertible\ securities)$

1. Title of Derivative Security 2. Date Exercisab (Instr. 4) Expiration Date (Month/Day/Year)		ole and 3. Title and Amount of Securities Underlying Derivative Security		nderlying	4. Conversion or Exercise	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership
			•				
			(Instr. 4)		Price of	Derivative	(Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative	Security:	
					Security	Direct (D)	
						or Indirect	

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				Shares		(I) (Instr. 5)	
Non-Qualified Stock Option (right to buy)	09/15/2010(1)	09/15/2019	Common Stock Class A	784	\$ 284.34	D	Â
Non-Qualified Stock Option (right to buy)	06/16/2009(2)	06/16/2018	Common Stock Class A	990	\$ 419.41	D	Â
Non-Qualified Stock Option (right to buy)	06/15/2009(3)	06/15/2017	Common Stock Class A	795	\$ 552.7	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
Fg	Director	10% Owner	Officer	Other		
Warren Scot E. 20 S. WACKER DRIVE CHICAGO Â II Â 60606	Â	Â	MD Equity Products	Â		

Signatures

By: Margaret C. Austin For: Scot E. Warren 02/25/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) 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.
- On June 16, 2009, this option vested with respect to 20% of the granted number of shares covered by the option. On the anniversary of (2) that date in each of the following four subsequent years, 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.
- On June 15, 2009, this option vested with respect to 40% of the granted number of shares covered by the option. On the anniversary of that date in each of the following three subsequent years, 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.

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