

Pieper James V.  
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 Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Pieper James V.		(Month/Day/Year)	CME GROUP INC. [CME]	
(Last)	(First)	(Middle)	02/19/2010	
20 S. WACKER DRIVE			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
CHICAGO,Â ILÂ 60606			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			MD & Chief Accounting Officer	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock Class A	440	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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

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				Shares		(I) (Instr. 5)	
Non-Qualified Stock Option (right to buy)	06/14/2009 <sup>(1)</sup>	06/14/2014	Common Stock Class A	20	\$ 127	D	Â
Non-Qualified Stock Option (right to buy)	06/15/2009 <sup>(2)</sup>	06/15/2015	Common Stock Class A	175	\$ 251.95	D	Â
Non-Qualified Stock Option (right to buy)	09/15/2010 <sup>(3)</sup>	09/15/2019	Common Stock Class A	372	\$ 284.34	D	Â
Non-Qualified Stock Option (right to buy)	06/16/2009 <sup>(4)</sup>	06/16/2018	Common Stock Class A	465	\$ 419.41	D	Â
Non-Qualified Stock Option (right to buy)	06/15/2009 <sup>(5)</sup>	06/15/2016	Common Stock Class A	410	\$ 440.65	D	Â
Non-Qualified Stock Option (right to buy)	06/15/2009 <sup>(6)</sup>	06/15/2017	Common Stock Class A	410	\$ 552.7	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Pieper James V. 20 S. WACKER DRIVE CHICAGO, IL 60606	Â	Â	Â	MD & Chief Accounting Officer Â

## Signatures

By: Margaret C. Austin For: James V. Pieper 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) On June 14, 2009, this option vested with respect to 100% of the granted number of shares covered by the option.

On June 15, 2009, this option vested with respect to 80% of the granted number of shares covered by the option. On the anniversary of that date in the following 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.

(3) 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 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.

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(5) On June 15, 2009, this option vested with respect to 60% of the granted number of shares covered by the option. On the anniversary of that date in each of the following two 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.

(6) 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.

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