Power William R Form 3 June 14, 2010

## FORM 3

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

**OMB APPROVAL** 

**OMB** Number:

3235-0104

0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

Estimated average burden hours per

response...

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

**SECURITIES** 

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting

Person \*

A Power William R

(Last)

(First)

(Middle)

Statement

(Month/Day/Year)

06/14/2010

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

CBOE Holdings, Inc. [CBOE]

4. Relationship of Reporting Person(s) to Issuer

5. If Amendment, Date Original

Filed(Month/Day/Year)

C/O CBOE HOLDINGS. INC., 400 SOUTH LASALLE

STREET

(Street)

\_X\_ Director 10% Owner Officer Other

(give title below) (specify below)

(Check all applicable)

6. Individual or Joint/Group Filing(Check Applicable Line) \_X\_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

CHICAGO, ILÂ 60605

(City) (State) (Zip)

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned

(Instr. 4)

3. Ownership

Table I - Non-Derivative Securities Beneficially Owned

4. Nature of Indirect Beneficial

Ownership (Instr. 5) Form:

Direct (D) or Indirect (I) (Instr. 5)

Reminder: Report on a separate line for each class of securities beneficially

owned directly or indirectly.

SEC 1473 (7-02)

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 control number.

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** 

5. 4 Conversion or Exercise Price of

6. Nature of Indirect Ownership Beneficial Ownership Form of (Instr. 5)

(Instr. 4)

**Expiration Title** Date Exercisable Date

Amount or Number of

Derivative Derivative Security: Security Direct (D)

Shares

or Indirect (I) (Instr. 5)

## **Reporting Owners**

Relationships Reporting Owner Name / Address

Director 10% Owner Officer Other

Power William R

C/O CBOE HOLDINGS, INC. 400 SOUTH LASALLE STREET

ÂX Â Â

CHICAGO. ILÂ 60605

# **Signatures**

/s/ Patrick Sexton, attorney-in-fact

06/14/2010

\*\*Signature of Reporting Person

Date

## **Explanation of Responses:**

### No securities are beneficially owned

- 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).

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### **Remarks:**

Exhibit List: Exhibit 24 - Power of Attorney

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.

Reporting Owners 2