

SMITH DAVID BYRON JR  
Form 3  
April 22, 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 <b>and</b> Ticker or Trading Symbol                              |  |
| SMITH DAVID BYRON JR                      |         | (Month/Day/Year)  | NORTHERN TRUST CORP [NTRS]  |  |
| (Last)                                    | (First) | (Middle)  | 04/20/2010  |  |
| 50 SOUTH LASALLE STREET                   |         | 4. Relationship of Reporting Person(s) to Issuer                                |   | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)                                  |         | (Check all applicable)  |   | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
| CHICAGO, IL 60603                         |         | <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner |   | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| (City)                                    | (State) | (Zip)   | <input type="checkbox"/> Officer <input type="checkbox"/> Other (specify below) |  |
|   |         |   |   | <input type="checkbox"/> Form filed by More than One Reporting Person  |

**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                    | 12,000  | D  | SMITH DAVID BYRON JR                                  |
| Common Stock                    | 1,362,880   | I  | By Trust <sup>(1)</sup>                               |
| Common Stock                    | 1,064   | I  | By Trust <sup>(2)</sup>                               |
| Common Stock                    | 1,064   | I  | By Trust <sup>(3)</sup>                               |
| Common Stock                    | 1,064   | I  | By Trust <sup>(4)</sup>                               |

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)**

