

THORATEC CORP  
Form 8-K  
March 01, 2007

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
FORM 8-K  
CURRENT REPORT**

**Pursuant to Section 13 OR 15(d) of  
The Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): March 1, 2007

**THORATEC CORPORATION**

(Exact name of registrant as specified in its charter)

**California**

(State or other jurisdiction  
of incorporation)

**1-8145**

(Commission file number)

**94-2340464**

(I.R.S. Employer  
Identification Number)

**6035 Stoneridge Drive  
Pleasanton, California**

(Address of principal executive offices)

**94588**

(Zip Code)

Registrant's telephone number, including area code: (925) 847-8600

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
-

**Item 8.01. Other Events.**

On March 1, 2007, Thoratec Corporation ( Thoratec ) issued a press release announcing that, due to its ongoing review of the company s equity-based compensation practices, including the underlying documentation and procedures, and related accounting, for such practices, the filing of its Annual Report on Form 10-K for the year ended December 30, 2006 would be delayed. A copy of the press release relating to these announcements is attached hereto as Exhibit 99.1.

**Item 9.01. Financial Statements and Exhibits.**

(c) Exhibits

| <u>Exhibit</u> | <u>Description</u>  |
|----------------|---|
| 99.1           | Press Release of Thoratec Corporation, dated March 1, 2007. |

---

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: March 1, 2007

THORATEC CORPORATION

By: /s/ David Smith  
David Smith  
Chief Financial Officer and Executive  
Vice President

---

EXHIBIT INDEX

| <u>Exhibit</u> | <u>Description</u>  |
|----------------|---|
| 99.1           | Press Release of Thoratec Corporation, dated March 1, 2007. |