

CHASE HOWARD E  
Form 4  
April 29, 2003

**Form 4**

**UNITED STATES SECURITIES AND  
EXCHANGE COMMISSION  
Washington, DC 20549**

OMB APPROVAL  
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[ ] Check box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See instructions 1(b).

**STATEMENT OF CHANGES IN  
BENEFICIAL OWNERSHIP**

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

|  |         |          |   |  |  |  |  |  |
|--|---------|----------|---|--|--|--|--|--|
| 1. Name and Address of Reporting Person*<br><b>Chase, Howard E</b> |         |          | 2. Issuer Name and Ticker or Trading Symbol<br><b>Thoratec Corporation (THOR)</b> |  |  | 6. Relationship of Reporting Person(s) to Issuer   |  |  |
| (Last)   | (First) | (Middle) | 3. I.R.S. Identification Number of Reporting Person, if an entity (voluntary)     | 4. Statement for Month/Day/Year<br><b>04/28/2003</b> |  | (Check all applicable)<br><br><input checked="" type="checkbox"/> Director _____ 10%<br>Owner<br><input type="checkbox"/> Officer (give title below) _____ Other (specify below) |  |  |
| 6035 Stoneridge Drive  |         |          |   | 5. If Amendment, Date of Original (Month/Day/Year)   |  |  |  |  |
| (Street)   |         |          | Pleasanton, CA 94588  |  |  | (City) (State) (Zip)   |  |  |

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |            |           | 5. Amount of Securities Beneficially Owned Following Reported Transactions (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-----------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price     |   |  |   |
| Common Stock                    | 04/28/2003                           |  | S                              |   | 2152  | D          | \$13.5000 |   | D  |   |
| Common Stock                    | 04/28/2003                           |  | S                              |   | 1500  | D          | \$13.4700 |   | D  |   |
| Common Stock                    | 04/28/2003                           |  | S                              |   | 1500  | D          | \$13.4900 | 0   | D  |   |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.  
\* If the form is filed by more than one reporting person, see Instructions 4(b)(v).

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 control number.

(Over)  
SEC 1474 (9-02)

FORM 4 (continued)

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

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| 1. Title of Derivative Security (Instr.3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr.3,4 and 5) |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|--|--|
|   |  |                                      |  | Code                           | V | (A)  | (D) | Date Exercisable   | Expiration Date |   |  |  |  |  |
|   |  |                                      |  |                                |   |  |     |  |                 |   |  |  |  |  |

Explanation of Responses:

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations.  
See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

**/s/ M. Wayne Boylston**

**04/28/2003**

\*\*Signature of Reporting Person  
Attorney-In-Fact

Date

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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