FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | |
| Estimated average burden | | | | | | | | |
| hours per response: | 0.5 | | | | | | | |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* RONALD D MCCALL | | | | | | 2. Issuer Name and Ticker or Trading Symbol CRYOLIFE INC [CRY] | | | | | | | | | | all app | nship of Reporting I applicable) Director | | Person(s) to Issuer | | | |
|--|--|----------|-----------|--|---|---|-----------|--|---|------|------------------|--|------|---|--------------|---|---|---|--|---|--|--|
| (Last) | ` | rst) (f | Middle) | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/29/2004 | | | | | | | | | | Officer (give title below) | | | Other (below) | (specify | | |
| CRYOLIFE, INC. 1655 ROBERTS BOULEVARD, NW | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | |
| (Street) KENNES | SAW G | A 3 | 0144 | | | | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| (City) | (S | tate) (2 | Zip) | | | | | | | | | | | | | | | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transact Date (Month/Day | | | | | | Execution Date, | | | Transaction Dispose Code (Instr. and 5) | | | ities Acquired (A) o d Of (D) (Instr. 3, 4 | | | | | ties cially I | Fori (D) (Indi | Ownership m: Direct or irect (I) tr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | Code | v | Amount | | A) or D) | Pric | e | Reported Transaction(s) (Instr. 3 and 4) | | | , | (| | | | | | |
| Common | 2004 | 03 | 3/29/2004 | | S ⁽¹⁾ | | 6,000 | | D § | | 6 | 113,688 | | | D | | | | | | | |
| Common | | | | | | | | | | | 16,000 | | | I | By Spouse | | | | | | | |
| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | vative Conversion Date urity or Exercise (Month/Day/Year) if any | | | | 4. Transaction Code (Instr. 8) | | | | 6. Date Exe Expiration (Month/Da | e | Amount of | | str. | 8. Price of Derivativ Security (Instr. 5) | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4) | | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | | | Code | v | V (A) (D) | | Date Exercisable Date | | xpiration ate | Amou or Numb of Title Share | | nber | 1 | | | | | | | |

Explanation of Responses:

1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on December 8, 2003.

Remarks:

Ronald D. McCall

** Signature of Reporting Person Date

03/30/2004

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.

^{*} If the form is filed by more than one reporting person, see Instruction 4 (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).