

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 WASHINGTON, D.C. 20549
 FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

1. Name and Address of Reporting Person
 ANDERSON, STEVEN G.
 1655 Roberts Boulevard, NW
 Kennesaw, GA 30144
 USA
2. Issuer Name and Ticker or Trading Symbol
 CRYOLIFE, INC.
 CRYL
3. IRS or Social Security Number of Reporting Person (Voluntary)
4. Statement for Month/Year
 August, 2000
5. If Amendment, Date of Original (Month/Year)
6. Relationship of Reporting Person(s) to Issuer (Check all applicable)
 Director 10% Owner Officer (give title below) Other
 (specify below)
 President, CEO and Chairman
7. Individual or Joint/Group Filing (Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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

1. Title of Security	2. Transaction Date	3. Code	4. Securities Acquired (A) or Disposed of (D) Amount	5. Price	6. Amount of Securities Beneficially Owned at End of Month	7. Nature of Indirect Beneficial Ownership (D) or (I)
Common Stock	8-24-01	S	10,000	\$24.36	1,048,112	D
Common Stock					105,333	I Spouse

Table II -- Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative	3. Transaction Date	4. Number of Derivative Securities Acquired (A) or Disposed of (D) Amount	5. Date Exercisable and Expiration Date Date (Month/Day/Year)	6. Title and Amount of Underlying Securities Title and Number of Shares	7. Price of Derivative Security	8. Number of Derivative Securities	9. Nature of Indirect Beneficial Ownership (D) or (I)

Explanation of Responses:
 SIGNATURE OF REPORTING PERSON
 /s/ Steven G. Anderson
 Steven G. Anderson
 DATE
 September 5, 2000