FORM 4

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(f) of the Investment Company Act of 1940

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

1. Name and Address of Reporting Person*

    Last, First, Middle: Richards, Jr., Reuben F.

    Street: c/o EMCORE, 394 Elizabeth Avenue

    City, State, Zip: Somerset, NJ 08873
2. Issuer Name and Ticker or Trading Symbol: EMCORE Corporation - EMKR

3. IRS or Social Security Number of Reporting Person (Voluntary)

4. Statement for Month/Year: December 1997

5. If Amendment, Date of Original (Month/Year)

6. Relationship of Reporting Person(s) to Issuer (Check all applicable)

    (x) Director   (   ) 10% Owner
    (x) Officer (give title below)   (   ) Other (specify below)
    Chief Executive Officer and President

7. Individual or Joint/Group Filing (Check Applicable Line)

    (x) Form filed by One Reporting Person
    (   ) Form filed by More than One Reporting Person

*   If the form is filed by more than one reporting person, see Instruction
     4(b)(v).

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

        1. Title of Security        2.  Transaction Date    3. Transaction     4. Securities Acquired (A)
           (Instr. 3)                   (Month/Day/Year)       Code                or Disposed of (D)
                                                               (Instr. 8)          (Instr. 3, 4, and 5)


                                                                                     (A) or
                                                            Code      V    Amount    (D)        Price

   (1)  Common Stock                    12/03/97             X             138,742    A            $4.08
   (2)  Common Stock                    12/9/97             J(1)                       A           $18.50
                                                                            162

   (3)  Common Stock                    12/9/97             J(1)             154      A           $19.50



                                              Table I -- Continued
        1. Title of Security        5.  Amount of Securities    6.  Ownership Form:   7.  Nature of Indirect
           (Instr. 3)                   Beneficially Owned           Direct (D) or         Beneficial Ownership
                                        at End of Month              Indirect (I)          (Instr. 4)
                                        (Instr. 3 and 4)             (Instr. 4)

   (1)  Common Stock                                                     D
   (2)  Common Stock                                                     D

   (3)  Common Stock                        270,593                      D
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(1) Grant pursuant to Directors' Stock Award Plan

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

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                     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)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	
			Code	V	(A)	(D)
(1) Common Stock Warrant (right to buy)	$4.08	12/03/97	X			138,742

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                                         Table II -- Continued
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1. Title of Derivative Security (Instr. 3)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
(1) Common Stock Warrant (right to buy)	Immed.	5/01/01	Common Stock	138,742

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                                         Table II -- Continued
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1. Title of Derivative Security (Instr. 3)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned at End of Month (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
(1) Common Stock Warrant (right to buy)		0	D	

Explanation of Responses:

Name of Reporting Person:

Reuben F. Richards, Jr.

By /s/ Thomas G. Werthan

January 9, 1997

**Signature of Reporting

Person   Date

Name: Thomas G. Werthan
Title: Attorney-in-Fact