

EMCORE CORP  
Form 4  
March 21, 2006

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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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 OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
RICHARDS REUBEN F JR

(Last) (First) (Middle)

C/O EMCORE CORPORATION, 145 BELMONT DRIVE

(Street)

SOMERSET, NJ 08873

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
EMCORE CORP [EMKR]

3. Date of Earliest Transaction (Month/Day/Year)  
03/20/2006

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
President and CEO

6. 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 (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	03/20/2006		M	30,000	A \$ 7.9	509,554	D
Common Stock	03/20/2006		S	30,000	D \$ 9.12	479,554	D
Common Stock	03/20/2006		M	52,500	A \$ 7.9	532,054	D
Common Stock	03/20/2006		S	52,500	D \$ 9.13	479,554	D
Common Stock	03/20/2006		M	27,500	A \$ 7.9	507,054	D

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Common Stock	03/20/2006	S	27,500	D	\$ 9.14	479,554	D	
Common Stock	03/20/2006	M	10,000	A	\$ 7.9	489,554	D	
Common Stock	03/20/2006	S	10,000	D	\$ 9.15	479,554	D	
Common Stock						175,000	I	By Spouse

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

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(9-02)

**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)	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)	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Employee Stock Option (right to buy)	\$ 7.9	03/20/2006		M	120,000	(1)	10/03/2011	Common Stock	120,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RICHARDS REUBEN F JR C/O EMCORE CORPORATION 145 BELMONT DRIVE SOMERSET, NJ 08873	X		President and CEO	

## Signatures

/s/ Reuben F.  
Richards, Jr.                      03/20/2006  
Date

Signature of Reporting  
Person

## Explanation of Responses:

- \* 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).
- (1) This option vested in equal parts over four years beginning 10/3/2002
- (2) Stock Option grant

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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