EMCORE CORP Form 4 January 10, 2001

| OMB APPROVAL |
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UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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

Section 30(f) of the Investment Company Act of 1940 [] Check this box if no longer subject to Section 16. Form 4 or Form 5obligations may continue. See Instruction 1(b). ______ 1. Name and Address of Reporting Person* Miehe, Thomas (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 EMOCRE Corporation (EMKR) ______ 3. IRS or Social Security Number of Reporting Person (Voluntary) 4. Statement for Month/Year December 2000 ______ 5. If Amendment, Date of Original (Month/Year) ______ 6. Relationship of Reporting Person(s) to Issuer

| (1) Common Stock | 4,000 | | | D | |
|--|---|-----------------------------|------|---|---|
| 1. Title of Security (Instr. 3) | 5. Amount of Securitie Beneficia Owned at of Month (Instr. 3 and 4) | s lly End | | 6. Owner- ship Form: Direct (D) or Indirect (I) (Instr.4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| Table I (cont.) No | on-Derivative Securi or Beneficially O | ties <i>l</i> wned | | ired, Disposed of, | |
| (1) Common Stock | 12/12/00 | | | P | 4,000 |
| 1. Title of Security (Instr. 3) | Transact Date | Transaction Date (mm/dd/yy) | | | Amount |
| | 2. | | | 3. Transaction Code | 4. Securiti Disposed (Instr. |
| Table I Non- | Derivative Securitie or Beneficially O | s Acqı wned | uire | | |
| * If the form is filed by see Instruction 4(b)(v | | | | son, | |
| [X] Form filed by one [] Form filed by more | | | | | |
| 7. Individual or Joint/Grou | up Filing (Check app | | | ====================================== | === |
| , | Vice President - Sal | es and | d Ma | rketing | |
| [] Director [X] Officer (give t | itle below) | - | - | 10% Owner Other (specify below) | |
| (Check all applicable) | | | | | |

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

| 1. Title of Derivative | | 2. Conversion or Exercise Price of Derivative Security | | • | . 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | |
|------------------------|--|--|----------------------------|-------|--------------|--|--|--|
| Security (Instr. 3) | Date (Month/ Day/Year) | | Code | V | (A) | (D) | | |
| (1) | Incentive Common Stock Options (right to buy) | \$6.44 | 12/12/00 | М | | 4,000 | D | |
| Tabl | Disposed of, or Benefici Owned (e.g., puts, calls, warrants, options, convertible securities) 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | | | | | | lly 9. Number of | |
| Deri Secu | e of vative urity utr. 3) | Title | Amount or Number of Shares | | Deri Secu | ce of ivative urity str. 5) | Derivative Securities Beneficially Owned at End of Month (Instr.4) | |
| (1) | Incentive common stock options (right to buy) | Common Stock | 4,000 | | | | 21,000 | |
| (1) | 6,000 options cui | rrently vested; | balance vest | 5,000 | anuall | y beginnir | ng | |

Explanation of Responses:

/s/ Thomas Miehe January 10 , 2001
----**Signature of Reporting Person Date

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations.

See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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

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