#### STALL RICHARD A

Form 4

December 20, 2005

Corporation Common

December 20,	2005											
<b>FORM</b>	4 HANGED GEATER GROUPING AND EVOLUTION GOVERNOR								OMB APPROVAL			
. •	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549									3235-0287		
	Check this box								Number: Expires:	January 31,		
of no longer subject to	if no longer subject to STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF									2005 average		
Section 16.			S	ECURIT	TIES				burden hour			
Form 4 or Form 5	Filed pr	rement to	Section 160	n) of the	Saguritia	c Eve	hongo	A at of 1024	response	0.5		
Form 5 obligations may continue.  See Instruction 1(b).  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 Res	sponses)											
1. Name and Address of Reporting Person <sup>*</sup> 2. Issuer Name <b>and</b> Ticker or Trading 5. Relationship of								5. Relationship of	Reporting Person(s) to			
STALL RICHARD A			Symbol					Issuer				
			EMCORE CORP [EMKR]					(Check all applicable)				
(Last) (First) (Middle)			3. Date of Earliest Transaction (Month/Day/Year) 12/19/2005					_X_ Director	10%	Owner		
C/O EMCORI	X Officer (give below)											
CORPORATI							CTO CTO					
DRIVE												
(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)						6. Individual or Joint/Group Filing(Check Applicable Line)						
_X_ Form filed by One Reporting Person												
SOMERSET, NJ 08873  — Form filed by More than One Reporting Person												
(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned											
1.Title of Security		ransaction Date 2A. Deemed nth/Day/Year) Execution Date,			3. 4. Securities Acquired if Transaction(A) or Disposed of					7. Nature of Indirect		
(Instr. 3)	(Monui/Day/ 1	any	Code (D)					Securities Beneficially	Form: Direct Beneficial	Beneficial		
(Mon			th/Day/Year)	(Instr. 8) (Instr. 3, 4 and 5)			5)	Owned Following		Ownership (Instr. 4)		
						(A)		Reported	(Instr. 4)	(111501. 1)		
						or		Transaction(s) (Instr. 3 and 4)				
EMCORE				Code V	Amount	(D)	Price	(======================================				
Corporation	12/10/2005			M	0 000	٨	¢ 5 1	107 722	D			
Common	12/19/2005			M	8,000	A	\$ 3.1	107,732	D			
Stock												
EMCORE							Ф					
Corporation Common	12/19/2005			S	8,000	D	\$ 6.75	99,732	D			
Stock												
EMCORE	12/19/2005			M	2,000	A	\$ 5.1	101,732	D			

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Stock								
EMCORE Corporation Common Stock	12/19/2005	S	2,000	D	\$ 6.81	99,732	D	
EMCORE Corporation Common Stock	12/19/2005	M	600	A	\$ 5.1	100,332	D	
EMCORE Corporation Common Stock	12/19/2005	S	600	D	\$ 6.82	99,732	D	
EMCORE Corporation Common Stock	12/19/2005	M	2,900	A	\$ 5.1	102,632	D	
EMCORE Corporation Common Stock	12/19/2005	S	2,900	D	\$ 6.83	99,732	D	
EMCORE Corporation Common Stock	12/19/2005	M	2,000	A	\$ 5.1	101,732	D	
EMCORE Corporation Common Stock	12/19/2005	S	2,000	D	\$ 6.84	99,732	D	
EMCORE Corporation Common Stock	12/19/2005	M	4,500	A	\$ 5.1	104,232	D	
EMCORE Corporation Common Stock	12/19/2005	S	4,500	D	\$ 6.85	99,732 (1)	D	
EMCORE Corporation Common Stock						8,426	I	By 401(k) Plan

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

Persons who respond to the collection of information contained in this form are not SEC 1474 required to respond unless the form

(9-02)

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# 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. Transactic Code (Instr. 8)	TransactionDerivative Code Securities		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 or Number of Shares	
Employee Stock Option (right to buy)	\$ 5.1	12/19/2005		M	20,000	<u>(2)</u>	11/22/2006	Common Stock	20,000	

#### **Reporting Owners**

Reporting Owner Name / Address	Relationships						
. 9	Director	10% Owner	Officer	Othe			
STALL RICHARD A C/O EMCORE CORPORATION 145 BELMONT DRIVE SOMERSET, NJ 08873	X		СТО				

## **Signatures**

/s/ Richard A.
Stall

\*\*Signature of Reporting Person

12/20/2005

Date

### **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) Includes 394 shares purchased under the Employee Stock Purchase Plan
- (2) The option vested in five equal annual installments beginning on November 22, 1997

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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