HOU HONG Q Form 4 April 19, 2011

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

Washington, D.C. 20549

January 31, Expires: 2005

Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

obligations may continue. See Instruction

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

2 Januar Nama and Tiakar or Trading

5 Relationship of Reporting Person(s) to

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

HOU HONG	Q	Symbol	2. Issuer Name and Ticker or Trading Symbol EMCORE CORP [EMKR]			Issuer (Check all applicable)		
	(First) (M ARCH ROAD, UERQUE, NM 8	(Month/ 04/15/	3. Date of Earliest Transaction (Month/Day/Year) 04/15/2011			(Check all applicable) _X_ Director 10% Owner _X_ Officer (give title Other (specify below) CEO & President		
	(Street)	Filed(M	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 Form filed by More than One Reporting Person		
(City)	(State)	(Zip) Tal	ole I - Non-Derivativ	e Securities Ac	quired, Disposed	of, or Beneficia	lly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, it any (Month/Day/Year	Transaction(A) or Code (D)	3, 4 and 5) (A) or	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 Indirect Beneficial Ownership (Instr. 4)	
Emcore Common Stock	04/15/2011		A 669 <u>(</u>	2) A \$ 2.24	320,345 (3)	D		
Emcore Common Stock					20,838 (1)	I	By Trust 401(k)	

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)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	ate	Amoun	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
						Date	Expiration		Or Number		
						Exercisable	Date		Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
reporting owner runter runtess	Director	10% Owner	Officer	Other		
HOU HONG Q 10420 RESEARCH ROAD, SE ALBUQUERQUE, NM 87123	X		CEO & President			

Signatures

Alfredo Gomez, 04/19/2011 attorney-in-fact

**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) Shares attributable to EMCORE Corporation 401(k) account as of March 31, 2010.
- Shares were purchased under the Company's Director and Officer Share Purchase Plan in a transaction exempt from Section 16b pursuant **(2)** to Rule 16b-3(d).
- Includes 150,000 shares of restricted stock granted under the Company's 2010 Equity Incentive Plan, vesting in three equal installments beginning on January 28, 2012.

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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