AEHR TEST SYSTEMS

Form 4

October 03, 2006

FORM 4

Check this box

if no longer

subject to

Section 16.

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

OMB APPROVAL

Number: 3235-0287

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 4 or
Form 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

(Print or Type Responses)

1. Name and Address of Reporting Person *

1(b).

BUCK CARL N Issuer Symbol AEHR TEST SYSTEMS [AEHR] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify C/O AEHR TEST SYSTEMS, 400 09/29/2006 below) KATO TERRACE VP, Marketing and Contactor BU

2. Issuer Name and Ticker or Trading

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

Applicable Line)
X Form filed by One Reporting Person
__ Form filed by More than One Reporting
Person

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

FREMONT, CA 94539

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price 2,835 Common 09/29/2006 J 54,773 D (1) 2.7319 Stock

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 required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	of			7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
					4, and 5)	Date	Expiration		Amount		
				Code V	(A) (D)	Exercisable	Date	Title	Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
Treporting of more remarks	Director	10% Owner	Officer	Other				
BUCK CARL N C/O AEHR TEST SYSTEMS 400 KATO TERRACE FREMONT, CA 94539			VP, Marketing and Contactor BU					

Signatures

Carl N. Buck 10/03/2006

**Signature of Reporting Person 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).

These shares have been purchased through the Company's 1997 Employee Stock Purchase Plan, a "tax-conditioned plan" per Internal

(1) Revenue Code Section 423. This purchase is exempt from Section 16 of the Securities Exchange Act of 1934 regarding liabilities arising from six-month short-swing transactions in the Company's securities

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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