BAHAJ ALI M Form 4 April 01, 2005

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

Washington, D.C. 20549

Expires: January 31, 2005

Section 16. Form 4 or Form 5 obligations STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction 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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **BAHAJ ALI M** Issuer Symbol CATERPILLAR INC [CAT] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title _ Other (specify 100 N.E. ADAMS STREET 03/31/2005 below) Vice President (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting PEORIA, IL 61629-3305 Person

(City)	(State)	Zip) Table	e I - Non-D	erivative S	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, if any	3. Transaction	4. Securi onAcquired Disposed	l (A) or	5. Amount of Securities Beneficially	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial
		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	` ′	Owned Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common					(-)	18,936 <u>(1)</u>	D	
Common						195	I	Owned by Wife (2)

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title and A	Amount of	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Underlying Securities		Derivative
Security	or Exercise		any	Code	Code of (Month/Day/Year)		(Instr. 3 and 4)		Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	erivative				(Instr. 5)
	Derivative				Securities					
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date Exercisable	Expiration Date	Title	or	
									Number	
									of	
				Code V	(A) (D)				Shares	
					() ()					
Phantom										
Stock	\$ 0 (3)	03/31/2005		A	23	(4)	(4)	Common	23	\$ 0
Units							_			,

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BAHAJ ALI M

100 N.E. ADAMS STREET Vice President

PEORIA, IL 61629-3305

Signatures

Ali M. Bahaj; L.J. Huxtable,

POA 04/01/2005

**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).
- (1) This amount includes 9017 shares in EIP-1 and 271 shares in SEIP.
- (2) Reporting person disclaims beneficial ownership.
- (3) Security converts to common stock on a one-for-one basis.
- (4) The reported phantom stock units were acquired under Caterpillar Inc.'s deferred employee investment plan and will be settled upon the reporting person's retirement or other termination of service.

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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