CATERPILLAR INC

Form 4

December 16, 2004

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

may continue. See Instruction

1(b).

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 * MCPHEETERS F LYNN

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

CATERPILLAR INC [CAT]

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction

10% Owner Other (specify

100 N.E. ADAMS STREET

(Month/Day/Year) 12/15/2004

_X__ Officer (give title

below) V.P./Chief Financial Officer

Director

(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 Form filed by More than One Reporting

Person

PEORIA, IL 61629-5390

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	4. Securities Acquired (A) our Disposed of (D) (Instr. 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)	
Common	12/15/2004		Code V G	Amount 225	(D)	Price \$ 0	42,664	D	
Common	12/15/2004		M	3,038	A	\$ 32.9062	45,702	D	
Common	12/15/2004		F	1,059	D	\$ 94.38	44,643	D	
Common	12/15/2004		M	6,642	A	\$ 32.9062	51,285	D	
Common	12/15/2004		F	3,589	D	\$ 94.38	47,696 <u>(1)</u>	D	
Common							8,066 (2)	I	Owned by Wife (3)

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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 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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		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 (4)	\$ 32.9062	12/15/2004		M	3,038	<u>(5)</u>	06/11/2006	Common	3,038
Employee Stock Option (4)	\$ 32.9062	12/15/2004		M	6,642	<u>(5)</u>	06/11/2006	Common	6,642

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MCPHEETERS F LYNN 100 N.E. ADAMS STREET PEORIA, IL 61629-5390

V.P./Chief Financial Officer

Signatures

F. L. McPheeters; L.J. Huxtable,

POA 12/16/2004

**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 7716 shares in 401K, 624 shares in SEIP and 622 shares in dividend reinvestment.
- (2) This amount includes 835 shares in dividend reinvestment.

Reporting Owners 2

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- (3) Reporting person disclaims beneficial ownership.
- (4) (Right to Buy) with tandem tax withholding rights.
- (5) Exercisable in thirds 1/3 after 1 yr.; 1/3 after 2 yrs.; 1/3 after 3 yrs.

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.