Copeland Jananne A. Form 4 January 03, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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response...

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may continue.

Check this box

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

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Copeland Jananne A.

2. Issuer Name and Ticker or Trading Symbol

CATERPILLAR INC [CAT]

Issuer

(Last)

(First)

(Street)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year) 12/31/2010

Director 10% Owner Other (specify

(Check all applicable)

5. Relationship of Reporting Person(s) to

X_ Officer (give title below) Controller/Chief Acctg Officer

100 N.E. ADAMS 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

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 4. Securities 5. Amount of

(A)

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

 $7,640^{(2)}$ D

Common

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)

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 Title of Derivative 	2. Conversion	3. Transaction Date (Month/Day/Year)	ction Date 3A. Deemed 4. 5. 6. Date Exercisable Day/Year) Execution Date, if TransactionNumber Expiration Date			7. Title and Amount of Underlying Securities		8. Price of Derivative		
Security (Instr. 3)	or Exercise Price of Derivative Security	(Mondal Day) Teal)	any (Month/Day/Year)	Code	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and 4)		Security (Instr. 5)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock Units	<u>(3)</u>	12/31/2010		A	34	<u>(1)</u>	<u>(1)</u>	Common	34	\$0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Copeland Jananne A.

100 N.E. ADAMS STREET Controller/Chief Acctg Officer

PEORIA, IL 61629

Signatures

J. A. Copeland; L. J. Huxtable, POA

POA 01/03/2011

**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) 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 separation from service.
- (2) This amount includes 3571 shares in 401K.
- (3) Security converts to common stock on a one-for-one basis.

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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