CATERPILLAR INC

Form 4

February 01, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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if no longer subject to Section 16. Form 4 or

Check this box

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(b).

(Last)

1. Name and Address of Reporting Person * POWELL CHARLES D

(First)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

CATERPILLAR INC [CAT]

(Middle) 3. Date of Earliest Transaction (Check all applicable)

24 QUEEN ANNE'S GATE

(Month/Day/Year)

01/31/2007

X_ Director 10% Owner Officer (give title Other (specify below)

(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

LONDON ENGLAND SW1H 9AA

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Form: Direct Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price $A^{(2)}$ Common 01/31/2007 22 4,723 (1) D 63.66

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title o	of 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title and	8. Price of	9. Nu
Derivati	ve Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)		Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ			Securities	(Instr. 5)	Bene
	Derivative				Securities Acquired		(Instr. 3 and	14)	Own	
	Security								Follo	
					(A) or	(A) or				Repo
		Disposed							Trans	
					of (D)					(Instr
					(Instr. 3,	(Instr. 3,				
					4, and 5)					
				Code V	(A) (D)	Date	Expiration	Title Amo	unt	
				Code ((11) (D)	Exercisable	Date	or	unt	
						Lacicisatic	Date	Num	her	
								of		
								Share	96	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

POWELL CHARLES D
24 QUEEN ANNE'S GATE X
LONDON ENGLAND SW1H 9AA

Signatures

Charles D. Powell; L.J.
Huxtable, POA

02/01/2007

**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) Included in this amount are 267 shares in dividend reinvestment.
- (2) Stock received in lieu of director's fees.

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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