ARCH CAPITAL GROUP LTD.

Form 4

February 25, 2008

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Form 5

1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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

obligations may continue. See Instruction

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 *

RATHGEBER JOHN F

(Last) (First) (Middle)

C/O ARCH REINSURANCE COMPANY, 360 MT. KEMBLE **AVENUE**

(Street)

MORRISTOWN, NJ 07962

2. Issuer Name and Ticker or Trading

Symbol

ARCH CAPITAL GROUP LTD. [ACGL]

3. Date of Earliest Transaction (Month/Day/Year)

4. If Amendment, Date Original

Filed(Month/Day/Year)

3.

02/23/2008

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner _X_ Other (specify Officer (give title

below) below)

Officer of subsidiary

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

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

(A)

Price

4. Securities Acquired 5. Amount of Securities Beneficially Owned Following Reported

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

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

Beneficial Ownership (Instr. 4)

Common

per share

(City)

Shares, \$.01 par value

02/23/2008

F

368

Code V Amount (D)

D

14,463 (1)

D

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)

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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	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/Year)		Underlying Securities (Instr. 3 and 4)		Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

RATHGEBER JOHN F C/O ARCH REINSURANCE COMPANY 360 MT. KEMBLE AVENUE MORRISTOWN, NJ 07962

Officer of subsidiary

Signatures

/s/ John F. 02/25/2008 Rathgeber

Date **Signature of Reporting Person

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) Includes 127 common shares acquired under the Arch Capital Group Ltd. 2007 Employee Share Purchase Plan on November 30, 2007. 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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