

IORDANOU CONSTANTINE  
Form 4/A  
February 15, 2008

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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. Name and Address of Reporting Person \*  
IORDANOU CONSTANTINE

2. Issuer Name and Ticker or Trading Symbol  
ARCH CAPITAL GROUP LTD.  
[ACGL]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

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

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

WESSEX HOUSE, 4TH FLOOR, 45 REID STREET

12/31/2007

President & CEO

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)  
01/02/2008

6. Individual or Joint/Group Filing(Check Applicable Line)

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

HAMILTON, D0 HM 12

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)			
			Code	V	Amount	(A) or (D)	Price			
Common Shares, \$.01 par value per share	12/31/2007		M		25,000	A	\$ 23.5	25,000	I	By GRAT
Common Shares, \$.01 par value per share	12/31/2007		F		8,352 (1)	D	\$ 23.5	16,648 (2)	I	By GRAT

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

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(9-02)

**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. Transaction Code (Instr. 8)	5. Number of Derivative Securities 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)	8. Amount or Number of Shares
Stock Option (right to buy)	\$ 23.5	12/31/2007		M	25,000	<u>(3)</u> 01/02/2012	Common Shares, \$.01 par value per share	25,000
Stock Option (right to buy)	\$ 23.5					<u>(3)</u> 01/01/2012	Common Shares, \$.01 par value per share	73,118 <u>(5)</u>

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
IORDANOU CONSTANTINE WESSEX HOUSE, 4TH FLOOR 45 REID STREET HAMILTON, D0 HM 12	X		President & CEO	

## Signatures

/s/ Constantine Iordanou 02/15/2008

\*\*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) On December 31, 2007, the GRAT exercised 25,000 stock options and, under the net settlement provisions of the applicable stock option agreement, 8,352 common shares were withheld in payment of the exercise price.
- (2) These shares were previously reported as being directly owned by the reporting person; such shares are indirectly owned by the GRAT.
- (3) The stock option became exercisable in three equal annual installments with the first installment being exercisable on January 1, 2002 and the second and third installments being exercisable on January 1, 2003 and January 1, 2004.
- (4) Previously reported as a direct ownership exercise, however, such options were exercised by the GRAT.
- (5) Such options were previously reported as being indirectly owned; the options were distributed from a grantor retained annuity trust and are owned directly by the reporting person.

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.