CLEMENTS ROBERT

Form 4

December 16, 2004

FORM 4

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

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

if no longer subject to Section 16. Form 4 or Form 5

Check this box

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * CLEMENTS ROBERT			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) ARCH CAPITINC., 20 HOR		* *	3. Date of Earliest Transaction (Month/Day/Year) 12/14/2004	X Director 10% Owner Officer (give titleX Other (specify below) Chairman of the Board of Direc		
GREENWICH	(Street) H, CT 06830		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		

(City)	(State) (Zip) Table	e I - Non-D	erivative	Secur	rities Acqu	uired, Disposed o	f, 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)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Shares, \$.01 par value per share	12/14/2004		S	5,600	D	\$ 38.6	545,708	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004		S	246	D	\$ 38.61	545,462	I	See footnote 1
	12/14/2004		S	900	D		544,562	I	

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Common Shares, \$.01 par value per share					\$ 38.62			See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	400	D	\$ 38.63	544,162	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	400	D	\$ 38.7	543,762	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	3,200	D	\$ 38.75	540,562	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	600	D	\$ 38.76	539,962	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	200	D	\$ 38.77	539,762	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	600	D	\$ 38.78	539,162	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	400	D	\$ 38.79	538,762	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	600	D	\$ 38.8	538,162	I	See footnote 1
	12/14/2004	S	2,254	D		535,908	I	

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Common Shares, \$.01 par value per share					\$ 38.81			See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	4,200	D	\$ 38.85	531,708	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	2,500	D	\$ 38.86	529,208	I	See footnote 1
Common Shares, \$.01 par value per share	12/14/2004	S	3,500	D	\$ 38.9	525,708	I	See footnote 1
Common Shares, \$.01 par value per share						601,220	D	
Common Shares, \$.02 par value per share						24,381	I	See footnote 2
Common Shares, \$.01 par value per share						2,725	I	See footnote 3

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

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SEC 1474

(9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secu

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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Securities (Instr. 3 and 4)	(Instr. 5)
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title Amount or Number of	

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

CLEMENTS ROBERT ARCH CAPITAL GROUP (U.S.) INC. 20 HORSENECK LANE GREENWICH, CT 06830

X Chairman of the Board of Direc

Relationships

Bene Own Follo Repo Trans (Instr

Shares

Signatures

/s/ Louis T. Petrillo, Attorney-in-fact

**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) Reflects a sale of Common Shares of Issuer held directly by the Reporting Person's spouse. The Reporting Person disclaims beneficial ownership of securities owned by his spouse.
- (2) Reflects Common Shares held by a grantor retained annuity trust established by the Reporting Person and his spouse, as trustees.
 - Reflects Common Shares held by Sound View Partners, L.P. ("Sound View"). The Reporting Person does not have a pecuniary interest in, and disclaims beneficial ownership of, approximately 98% of the securities held by Sound View, which represents the ownership
- (3) percentage of Sound View partners other than the Reporting Person, but excluding that portion of Sound View held by Taracay Investors ("Taracay") to the extent of the Reporting Person's beneficial ownership of Taracay. Taracay owns approximately 50% of Sound View. Taracay is a general partnership, the general partners of which consist of the Reporting Person and members of his family and the managing partner of which is 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.

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