Lyons Mark Donald Form 4 November 15, 2011

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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

obligations

may continue.

See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Lyons Mark Donald Issuer Symbol ARCH CAPITAL GROUP LTD. (Check all applicable) [ACGL] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner _X__ Officer (give title _ __ Other (specify (Month/Day/Year) below) 300 PLAZA THREE, 3RD FLOOR 11/14/2011 Chairman & CEO Arch Insur Gr (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting JERSEY CITY, NJ 07311 Person

(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)	Transaction Date 2A. Deemed 3. onth/Day/Year) Execution Date, if any Code (Month/Day/Year) (Instr. 8) Code V				cquired (A) (D) (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 Indirect Beneficial Ownership (Instr. 4)		
Common Shares, \$.0033 par value per share	11/14/2011		S	4,000	D	\$ 36.7179 (2)	124,809 (1)	D			

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)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orNumber	Expiration D	ate	Amount	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								^	mount		
									mount		
						Date	Expiration Date	or Title Number of			
						Exercisable					
				C + V	(A) (D)						
				Code V	(A) (D)			S	hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Other Director 10% Owner Officer

Lyons Mark Donald 300 PLAZA THREE, 3RD FLOOR JERSEY CITY, NJ 07311

Chairman & CEO Arch Insur Gr

Signatures

/s/ Mark D. 11/14/2011 Lyons

**Signature of Date 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).
- 90,750 of such amount will settle in Issuer's common shares upon the termination of the Reporting Person's employment, as specifically provided in the award agreements.
- Represents a weighted average sale price; the sales prices range from \$36.711 to \$36.731. Upon request, the full sale information regarding the number of shares sold at each price increment will be provided to the Commission or to a security holder of the issuer.

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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