#### ARCH CAPITAL GROUP LTD.

Form 4 May 10, 2007

| FORM 4 UNITED STATES SECURITIES AND EVCHANCE COMMISSION  |  |                  |   |                |                 |                | OMB APPROVAL   |   |   |  |  |
|--|--|------------------|---|----------------|-----------------|----------------|--|---|---|--|--|
| Washington, D.C. 20549   |  |                  |   |                |                 |                |  |   | 3235-0287   |  |  |
| Check this box if no longer  CTA TOWN COLUMN |  |                  |   |                |                 |                |  |   | January 31,   |  |  |
| subject t<br>Section<br>Form 4   | STATEMEN<br>16.                                      | NGES IN<br>SECUI |   | FICIA          | AL OWN          | ERSHIP OF      | Estimated average burden hours per response 0.5                              |   |   |  |  |
| Form 5 obligations may continue. See Instruction 1(b).  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 A  | Address of Reporting Person PAUL B                   | Symbol           | er Name and                             |                |                 | 6              | 5. Relationship of I<br>Issuer   | Reporting Pers                                | son(s) to   |  |  |
|  |  | ARCH<br>[ACGL    | CAPITA<br>.]                            | L GROU         | JP L'.          | ľD.            | (Check all applicable)   |   |   |  |  |
| (Last)   | (First) (Middl                                       | (Month/I         | of Earliest T<br>Day/Year)              | ransaction     | ı               |                | X Director 10% Owner Other (specify below)                                   |   |   |  |  |
| WESSEX I   | HOUSE, 4TH FLOOF<br>EET                              | R, 45 05/08/2    | 2007                                    |                |                 |                | · · · · · · · · · · · · · · · · · · ·  | Board of Direct                               | ctors   |  |  |
| (Street) 4. If Amendment, Date Original 6. Individual or Joi Filed(Month/Day/Year) Applicable Line) _X_ Form filed by Or   |  |                  |   |                |                 |                |  |   |   |  |  |
|  | N, D0 HM 12  |                  |   |                |                 |                | Form filed by Mo<br>Person   | ore than One Re                               | porting   |  |  |
| (City)   | (State) (Zip)  | 140              |   |                |                 | _              | ired, Disposed of,   |   |   |  |  |
| 1.Title of<br>Security<br>(Instr. 3)   | 2. Transaction Date 2A. (Month/Day/Year) Exe any (Mo | ecution Date, if | 3.<br>Transaction<br>Code<br>(Instr. 8) |                | sed of<br>4 and |                | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported | 6. Ownership Form: Direct (D) or Indirect (I) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |  |  |
|  |  |                  | Code V                                  | Amount         | (A)             | Duigo          | Transaction(s) (Instr. 3 and 4)  |   |   |  |  |
| Common<br>Shares,<br>\$.01 par   | 05/08/2007   |                  | S S                                     | 400 <u>(1)</u> | ` ′             | Price \$ 71.55 | 267,765  | D   |   |  |  |
| value per<br>share   |  |                  |   |                |                 |                |  |   |   |  |  |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share   | 05/08/2007   |                  | S                                       | 1,000<br>(1)   | D               | \$ 71.56       | 266,765  | D   |   |  |  |
|  | 05/08/2007   |                  | S                                       | 100 (1)        | D               | \$ 71.57       | 266,665  | D   |   |  |  |

| Common<br>Shares,<br>\$.01 par<br>value per<br>share |            |   |                  |               |         |   |
|--|------------|---|------------------|---------------|---------|---|
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 900 <u>(1)</u> D | \$<br>71.5725 | 265,765 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 100 (1) D        | \$ 71.58      | 265,665 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 200 (1) D        | \$ 71.59      | 265,465 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 300 (1) D        | \$ 71.6       | 265,165 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 100 (1) D        | \$<br>71.6125 | 265,065 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 100 (1) D        | \$ 71.65      | 264,965 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 300 (1) D        | \$ 71.68      | 264,665 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 100 <u>(1)</u> D | \$ 71.69      | 264,565 | D |
|  | 05/08/2007 | S | 100 <u>(1)</u> D | \$ 71.76      | 264,465 | D |

| Common<br>Shares,<br>\$.01 par<br>value per<br>share |            |   |           |           |         |   |
|--|------------|---|-----------|-----------|---------|---|
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 300 (1) D | \$ 71.77  | 264,165 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 100 (1) D | \$ 71.79  | 264,065 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 100 (1) D | \$ 71.8   | 263,965 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 200 (1) D | \$ 71.83  | 263,765 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 200 (1) D | \$ 71.84  | 263,565 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 200 (1) D | \$ 71.88  | 263,365 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 200 (1) D | \$ 71.89  | 263,165 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 200 (1) D | \$ 71.895 | 262,965 | D |
|  | 05/08/2007 | S | 100 (1) D |           | 262,865 | D |

| Common<br>Shares,<br>\$.01 par<br>value per<br>share |            |   |                  | \$<br>71.8975 |         |   |
|--|------------|---|------------------|---------------|---------|---|
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 300 <u>(1)</u> D | \$ 71.9       | 262,565 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 100 (1) D        | \$<br>71.9075 | 262,465 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 300 (1) D        | \$ 71.91      | 262,165 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 300 (1) D        | \$ 71.915     | 261,865 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 203 (1) D        | \$ 71.92      | 261,662 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 400 (1) D        | \$ 71.93      | 261,262 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 670 <u>(1)</u> D | \$ 71.94      | 260,592 | D |
| Common<br>Shares,<br>\$.01 par<br>value per<br>share | 05/08/2007 | S | 127 <u>(1)</u> D | \$ 71.95      | 260,465 | D |
|  | 05/08/2007 | S | 200 (1) D        | \$ 71.955     | 260,265 | D |

Common Shares, \$.01 par value per share

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.

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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<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transa<br>Code<br>(Instr. | 8) | 5. nNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) |                     | ate                | Secur | int of<br>rlying                       | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) |
|---|---|---|---|---------------------------------|----|--|---------------------|--------------------|-------|--|---|
|   |   |   |   | Code                            | V  | (A) (D)  | Date<br>Exercisable | Expiration<br>Date | Title | Amount<br>or<br>Number<br>of<br>Shares |   |

# **Reporting Owners**

| Reporting Owner Name / Address   | Relationships |           |                             |       |  |  |  |  |
|--|---------------|-----------|-----------------------------|-------|--|--|--|--|
|  | Director      | 10% Owner | Officer                     | Other |  |  |  |  |
| INGREY PAUL B<br>WESSEX HOUSE, 4TH FLOOR<br>45 REID STREET<br>HAMILTON, D0 HM 12 | X             |           | Chairman-Board of Directors |       |  |  |  |  |

## **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) The sale of shares was effected pursuant to a Rule 10b5-1 Plan adopted by the Reporting Person on February 14, 2007.

Reporting Owners 5

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.