

ARCH CAPITAL GROUP LTD.  
Form 8-K  
December 12, 2006

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

**FORM 8-K**

**Current Report Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934**

**December 12, 2006**

Date of Report (Date of earliest event reported)

**Arch Capital Group Ltd.**

(Exact name of registrant as specified in its charter)

**Bermuda**  
(State or other jurisdiction of  
incorporation or organization)

**0-26456**  
(Commission File Number)

**N/A**  
(I.R.S. Employer  
Identification No.)

**Wessex House, 45 Reid Street, Hamilton HM 12, Bermuda**  
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code:  
**(441) 278-9250**

**N/A**  
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

**ITEM 8.01**

**Other Events.**

On December 12, 2006, A.M. Best Co. announced that it has upgraded the financial strength ratings of Arch Reinsurance Ltd., Arch Reinsurance Company, Arch Insurance Company, Arch Specialty Insurance Company, Arch Excess & Surplus Insurance Company and Arch Insurance Company (Europe) Limited from A- (Excellent) to A (Excellent). The entities comprise the principal operating companies of Arch Capital Group Ltd. The outlook on all of the ratings is stable.

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ARCH CAPITAL GROUP LTD.

By: /s/ John D. Vollaro

Name:

John D. Vollaro

Title:

Executive Vice President, Chief  
Financial Officer and Treasurer

Date: December 12, 2006