

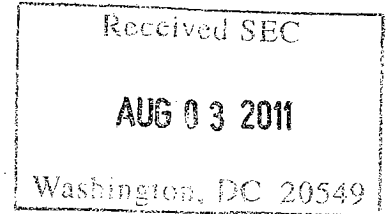


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NASDAQ[®]

THE NASDAQ STOCK MARKET
8600 BLACKWELL ROAD
ROCKVILLE, MD 20850

William Slattery, CFA
Vice President
Listing Qualifications



CERTINAS
001-35260

By Electronic Mail

August 3, 2011

Ms. Cecile Peters
Chief, IT Services
Division of Corporation Finance
U.S. Securities and Exchange Commission
100 F Street, N.E.
Washington, D.C. 20549

Dear Ms. Peters:

This is to certify that on August 2, 2011 The Nasdaq Stock Market (the "Exchange") received from American Capital Mortgage Investment Corp. (the "Registrant") a copy of the Registrant's application on Form 8-A 12(b) for the registration of the following security:

Common stock, par value \$0.01 per share

We further certify that the security described above has been approved by the Exchange for listing and registration upon official notice of issuance.

We understand that the Registrant is seeking effectiveness of the Form 8-A 12(b) concurrently with effectiveness of its 1933 Act Registration Statement, and we hereby join in such request.

Sincerely,

William Slattery