

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 8-K

**CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934**

Date of Report (Date of Earliest Event Reported): **April 3, 2007**

MFA MORTGAGE INVESTMENTS, INC.

(Exact Name of Registrant as Specified in Charter)

Maryland

1-13991

13-3974868

(State or Other Jurisdiction of Incorporation)

(Commission File No.)

(IRS Employer Identification No.)

350 Park Avenue, 21st Floor, New York, New York 10022

(Address of Principal Executive Office) (Zip Code)

Registrant's Telephone Number, Including Area Code: **(212) 207-6400**

Not Applicable

(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:

- 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 7.01. REGULATION FD DISCLOSURE.

MFA Mortgage Investments, Inc. ("MFA") issued a press release, dated April 3, 2007, announcing common stock dividend information for the first quarter of 2007, which is attached hereto as Exhibit 99.1 and incorporated herein by reference.

The information referenced under Item 7.01 (including Exhibit 99.1 referenced in Item 9.01 below) of this Current Report on Form 8-K is being "furnished" under "Item 7.01. Regulation FD Disclosure" and, as such, shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that Section. The information set forth in this Current Report on Form 8-K (including Exhibit 99.1 referenced in Item 9.01 below) shall not be incorporated by reference into any registration statement, report or other document filed by MFA pursuant to the Securities Act of 1933, as amended (the "Securities Act"), except as shall be expressly set forth by specific reference in such filing.

As discussed therein, the press release may contain forward-looking statements within the meaning of the Securities Act and the Exchange Act and, as such, may involve known and unknown risks, uncertainties and assumptions. These forward-looking statements relate to MFA's current expectations and are subject to the limitations and qualifications set forth in the press release as well as in MFA's other documents filed with the Securities and Exchange Commission, including, without limitation, that actual events and/or results may differ materially from those projected in such forward-looking statements.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

(c) Exhibits.

99.1 Press Release, dated April 3, 2007, announcing common stock dividend information for the first quarter of 2007.

SIGNATURES

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

MFA MORTGAGE INVESTMENTS, INC.

By: /s/Timothy W. Korth

Timothy W. Korth

General Counsel and Senior Vice President –

Business Development

Date: April 3, 2007

MFA

MORTGAGE INVESTMENTS, INC.

350 Park Avenue
NEW YORK, NEW YORK 10022



PRESS RELEASE

April 3, 2007

**CONTACT: MFA Investor Relations
800-892-7547
www.mfa-reit.com**

FOR IMMEDIATE RELEASE

NEW YORK METRO

NYSE: MFA

**MFA Mortgage Investments, Inc.
Announces First Quarter 2007 Dividend of \$0.08**

MFA Mortgage Investments, Inc. (NYSE:MFA) announced today that its Board of Directors declared a quarterly dividend of \$0.08 per share of common stock for the first quarter of 2007. The dividend will be paid on April 30, 2007 to stockholders of record on April 13, 2007. The first quarter 2007 dividend is an increase from the fourth quarter 2006 dividend of \$0.06. MFA's primary focus is high quality, higher coupon hybrid and adjustable-rate MBS assets. At December 31, 2006, approximately 99% of MFA's assets consisted of MBS issued or guaranteed by an agency of the U.S. government or a federally chartered corporation, other MBS rated "AAA" by Standard & Poor's Corporation, MFA-related receivables and cash. The MBS in MFA's portfolio are primarily adjustable-rate or hybrids, which have an initial fixed interest rate for a specified period of time and, thereafter, generally reset annually.

Stockholders interested in learning how to participate in MFA's Discount Waiver, Direct Stock Purchase and Dividend Reinvestment Plan (the "Plan") or receiving a Plan prospectus may do so by contacting Mellon Investor Services, the Plan administrator, at 1-866-249-2610 (toll free). For more information about the Plan, interested stockholders may also go to the website established for the Plan at www.melloninvestor.com or visit MFA's website at www.mfa-reit.com.

When used in this press release or other written or oral communications, statements which are not historical in nature, including those containing words such as "anticipate," "estimate," "should," "expect," "believe," "intend" and similar expressions, are intended to identify "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and, as such, may involve known and unknown risks, uncertainties and assumptions. These forward-looking statements are subject to various risks and uncertainties, including, but not limited to, those relating to: changes in interest rates and the market value of MFA's MBS; changes in the prepayment rates on the mortgage loans securing MFA's MBS; MFA's ability to use borrowings to finance its assets; changes in government regulations affecting MFA's business; MFA's ability to maintain its qualification as a REIT for federal income tax purposes; and risks associated with investing in real estate assets, including changes in business conditions and the general economy. These and other risks, uncertainties and factors, including those described in the annual, quarterly and current reports that MFA files with the SEC, could cause MFA's actual results to differ materially from those projected in any forward-looking statements it makes. All forward-looking statements speak only as of the date they are made and MFA does not undertake, and specifically disclaims, any obligation to update or revise any forward-looking statements to reflect events or circumstances occurring after the date of such statements.