

(772) 617-4340

(Registrant's Telephone Number, Including Area Code)

N/A

(Former Name of 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 (17CFR 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 3.01. Notice of Delisting or Failure to Satisfy a Continued Listing Rule or Standard; Transfer of Listing.

As previously announced, on January 22, 2009, ARMOUR Residential REIT, Inc. (the Company) received a letter (the Delisting Letter) from the Staff (the Staff) of the NYSE Amex, LLC (the NYSE Amex or the Exchange) indicating that the NYSE Amex has determined to proceed with delisting the Company s common stock and warrants from listing and registration on the Exchange. The Exchange subsequently sent a letter on February 25, 2009 replacing and restating the Delisting Letter, which is attached hereto as Exhibit 99.2 and is incorporated herein by reference.

Commencing February 1, 2010, the Company s common stock and warrants will be traded on the over-the-counter bulletin board (the OTCBB) under the symbol AMRR, for its common stock, and AMRRW, for its warrants, upon delisting from the NYSE Amex. The Company notes that there can be no assurance that once quotations begin, they will continue for any length of time. A copy of the press release announcing the transfer of the Company s listing to the OTCBB is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01.

Financial Statements and Exhibits.

(c) Exhibits

| <u>Exhibit</u> <u>No.</u> | <u>Description</u> |
|------------------------------|---|
| 99.1 | Press Release, dated February 1, 2010 |
| 99.2 | Letter from NYSE Amex Staff, dated January 25, 2010 |

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.

Dated: February 1, 2010

ARMOUR RESIDENTIAL REIT, INC.

By: /s/ Jeffrey J. Zimmer

Name: Jeffrey J. Zimmer

Title: Co-Chief Executive Officer, President and Vice Chairman

Exhibit Index

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