

Item 8.01. Other Events.

On October 2, 2015, ARMOUR Residential REIT, Inc. ("ARMOUR") confirmed that a cash dividend rate of \$0.33 per share will be payable to holders of ARMOUR common stock for the month of October 2015, as set forth below:

| Holder of Record Date | Payment Date |
|-----------------------|------------------|
| October 15, 2015 | October 27, 2015 |

Additionally, ARMOUR confirmed on October 2, 2015 that monthly cash dividend rates of \$0.171875 and \$0.1640625 per share will be payable to holders of ARMOUR Series A Preferred Stock and Series B Preferred Stock, respectively, for each of the three months in the fourth quarter of 2015 as set forth below:

| Holder of Record Date | Payment Date |
|-----------------------|-------------------|
| October 15, 2015 | October 27, 2015 |
| November 15, 2015 | November 27, 2015 |
| December 15, 2015 | December 28, 2015 |

A copy of ARMOUR's press release confirming the common stock and preferred stock dividends is attached hereto as Exhibit 99.1 and incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

| Exhibit No. | Description |
|-------------|---|
| 99.1 | Press Release confirming the October 2015 common stock dividend, Series A Preferred Stock dividends and Series B Preferred Stock dividends, dated October 2, 2015 |

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: October 2, 2015

ARMOUR RESIDENTIAL REIT, INC.

By: /s/ James R. Mountain

Name: James R. Mountain

Title: Chief Financial Officer

Exhibit Index

| Exhibit No. | Description |
|-------------|---|
| 99.1 | Press Release confirming the October 2015 common stock dividend, Series A Preferred Stock dividends and Series B Preferred Stock dividends, dated October 2, 2015 |