



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

November 29, 2012

Via Facsimile

Scott J. Ulm
Co-Chief Executive Officer
ARMOUR Residential REIT, Inc.
3001 Ocean Drive, Suite 201
Vero Beach, Florida 32963

Re: ARMOUR Residential REIT, Inc.
Form 10-K
Filed March 6, 2012
File No. 001-34766

Dear Mr. Ulm:

We have completed our review of your filings. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filings and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filings to be certain that the filings include the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Robert F Telewicz Jr.

Robert F Telewicz Jr.
Senior Staff Accountant