AVALONBAY COMMUNITIES INC Form SC 13G February 14, 2007 SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Schedule 13G Under the Securities Exchange Act of 1934 (Amendment No.:0)* Name of issuer: AVALONBAY COMMUNITIES INC Title of Class of Securities: Common Stock CUSIP Number: 053484101 Date of Event Which Requires Filing of this Statement: December 31, 2006 Check the appropriate box to designate the rule pursuant to which this Schedule is filed: (X) Rule 13d-1(b) () Rule 13d-1(c) () Rule 13d-1(d) *The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page. The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the

Act (however, see the Notes).		
(Continued on the following page(s))		

0

6. SHARED VOTING POWER

7. SOLE DISPOSITIVE POWER
4436950
8. SHARED DISPOSITIVE POWER
0
9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
4436950
10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
N/A
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9
5.95 %
12. TYPE OF REPORTING PERSON
IA

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 SCHEDULE 13G Under the Securities Act of 1934 Check the following [line] if a fee is being paid with this statement N/A Item 1(a) - Name of Issuer: AVALONBAY COMMUNITIES INC Item 1(b) - Address of Issuer's Principal Executive Offices: 2900 ELSENHOWER AVE 3RD FL ALEXANDRIA VA 22314 Item 2(a) - Name of Person Filing: THE VANGUARD GROUP, INC. 23-1945930 <u>Item 2(b)</u> Address of Principal Business Office or, if none, residence: 100 Vanguard Blvd. Malvern, PA 19355

Item 2(c) Citizenship:

Pennsylvania
Item 2(d) - Title of Class of Securities:
Common Stock
<u>Item 2(e) - CUSIP Number</u>
053484101
Item 3 - Type of Filing:
This statement is being filed pursuant to Rule 13d-1. An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E).
<u>Item 4 - Ownership:</u>
(a) Amount Beneficially Owned:
4436950
4436950 (b) Percent of Class:

(c)	Number of shares as to which such person has:
(i)	sole power to vote or direct to vote: 32067
(ii)	shared power to vote or direct to vote: 0
(iii)	sole power to dispose of or to direct the disposition of: 4436950
(iv)	shared power to dispose or to direct the disposition of: 0
Item 5 -	Ownership of Five Percent or Less of a Class:
Not ap	plicable
Item 6 -	- Ownership of More Than Five Percent on Behalf of Another Person:
Not ap	plicable
<u>Item 7 -</u>	- Identification and Classification of the Subsidiary Which Acquired The Security Being Reported on by the Parent Holding Company:
See att	ached Exhibit A
Item 8 -	- Identification and Classification of Members of Group:
Not ap	plicable
<u>Item 9 -</u>	- Notice of Dissolution of Group:
Not ap	plicable
<u>Item 10</u>	2 - Certification:

By signing below I certify than, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such

securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

<u>Signature</u>
After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.
Date: <u>11/30/2006</u> By <u>/s/ Amy B. Cooper</u>
Amy B. Cooper
Assistant Secretary

APPENDIX A
Pursuant to the instructions of Item 7 of Schedule 13G, Vanguard Fiduciary Trust Company ("VFTC"), a wholly-owned subsidiary of The Vanguard Group, Inc., is the beneficial owner of 32,067 shares or 0.04% of the Common Stock outstanding of the Company as a result of it serving as investment manager of collective trust accounts. VFTC directs the voting of these shares.
By /s/ Amy B. Cooper
Amy B. Cooper
Assistant Secretary