

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Kain Gary D</u> (Last) (First) (Middle) <u>2 BETHESDA METRO CENTER</u> <u>14TH FLOOR</u> (Street) <u>BETHESDA MD 20814</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>American Capital Agency Corp [AGNC]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President and CIO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/17/2016</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, par value \$0.01 per share	02/17/2016		A		122,745.484	A	(1)	1,425,707 ⁽²⁾	D	
Common Stock	02/19/2016		S		7,747 ⁽³⁾	D	\$17.96	1,417,960	D	
Common Stock, par value \$0.01 per share								2,500	I	By custodial account for child
Common Stock, par value \$0.01 per share								2,500	I	By custodial account for child

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

Explanation of Responses:

- Date of final allocation of number of shares of AGNC common stock purchased with a cash award made under the American Capital Mortgage Management, LLC Performance Plan - AGNC.
- Includes 7,578,058, 8,063,695, 7,659,818, 8,014,138, 8,111,667, 8,268,283, 8,211,578, 9,065,727, 9,321,260, 9,280,260, and 9,352,229 shares of common stock received pursuant to the reinvestment of cash dividends declared by the Company to holders of record of common stock as of March 31, 2015, April 30, 2015, May 29, 2015, June 30, 2015, July 31, 2015, August 31, 2015, September 30, 2015, October 30, 2015, November 30, 2015, December 31, 2015 and January 29, 2016, respectively.
- Sales made pursuant to a previously established Rule 10b5-1 Plan solely to cover required tax withholding upon vesting of stock awards.

Remarks:

Gary Kain 02/19/2016
 ** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.