

As filed with the Securities and Exchange  
Commission on December 30, 2021

Registration No. 033-75992  
Registration No. 811-02513

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**FORM N-4**

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933 [X]  
Pre-Effective Amendment No. \_\_\_\_\_ [ ]  
Post-Effective Amendment No. 60 [X]

REGISTRATION STATEMENT UNDER THE INVESTMENT COMPANY ACT OF 1940 [X]

**Variable Annuity Account C**  
*(Exact Name of Registrant)*

Voya Retirement Insurance and Annuity Company  
*(Name of Depositor)*

One Orange Way  
Windsor, Connecticut 06095-4774  
*(Address of Depositor's Principal Executive Offices) (Zip Code)*

(860) 580-1631  
*(Depositor's Telephone Number, including Area Code)*

Peter M. Scavongelli  
Assistant Vice President and Senior Counsel  
Voya Retirement Insurance and Annuity Company  
One Orange Way, C2S, Windsor, Connecticut 06095-4774  
*(Name and Address of Agent for Service)*

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It is proposed that this filing will become effective:

<u>      </u> <u>      </u> <u>      </u> <u>      </u>	immediately upon filing pursuant to paragraph (b) of Rule 485 on January 27, 2022 pursuant to paragraph (b) of Rule 485 60 days after filing pursuant to paragraph (a)(1) on _____ pursuant to paragraph (a)(1) of Rule 485.
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If appropriate, check the following box:

<u>      </u> <u>      </u>	this post-effective amendment designates a new effective date for a previously filed post-effective amendment.
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Title of Securities Being Registered: Individual, Deferred, Fixed and Variable Annuity Contracts

## **EXPLANATORY NOTE**

This Post-Effective Amendment No. 60 to the Registration Statement on Form N-4 is being filed pursuant to paragraph (b)(1)(iii) of Rule 485 under the Securities Act of 1933 (the “1933 Act”) for the sole purpose of designating a new effective date for the previously filed Post-Effective Amendment No. 57 to the Registration Statement filed on October 27, 2021.

Post-Effective Amendment No. 59 was filed pursuant to paragraph 485(b)(1)(iii) of Rule 485 under the 1933 Act on December 29, 2021 (Accession No. 0000103007-21-000112).

This Post-Effective Amendment No. 60 incorporates by reference the information contained in Parts A, B and C of Post-Effective Amendment 57 to the Registration Statement.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933 and the Investment Company Act of 1940, the Registrant has duly caused this Post-Effective Amendment to be signed on its behalf by the undersigned, thereunto duly authorized, in the Town of Windsor, State of Connecticut, on the 30<sup>th</sup> day of December 2021.

VARIABLE ANNUITY ACCOUNT C OF  
VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY  
(Registrant)

By: VOYA RETIREMENT INSURANCE AND ANNUITY  
COMPANY  
(Depositor)

By: Charles P. Nelson\*  
Charles P. Nelson  
President  
(principal executive officer)

As required by the Securities Act of 1933, this Post-Effective Amendment No. 60 to the Registration Statement has been signed by the following persons in the capacities and on the date indicated.

Signature	Title	Date
<u>Charles P. Nelson*</u> Charles P. Nelson	Director and President (principal executive officer)	December 30, 2021
<u>Robert L. Grubka*</u> Robert L. Grubka	Director	
<u>Michael R. Katz*</u> Michael R. Katz	Director and Chief Financial Officer (principal financial officer)	
<u>Heather H. Lavallee*</u> Heather H. Lavallee	Director	
<u>Francis G. O'Neill*</u> Francis G. O'Neill	Director	
<u>                                </u> Mona Zielke	Director	
<u>Michael S. Smith*</u> Michael S. Smith	Director	
<u>C. Landon Cobb, Jr.*</u> C. Landon Cobb, Jr.	Chief Accounting Officer (principal accounting officer)	
By: <u>/s/ Peter M. Scavongelli</u> Peter M. Scavongelli *Attorney-in-Fact		

\* Executed by Peter M. Scavongelli on behalf of those indicated pursuant to Powers of Attorney filed as an exhibit to this Registration Statement.

## EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Exhibit</u>
99.16	Powers of Attorney