

**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. 76 [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>	immediately upon filing pursuant to paragraph (b) of Rule 485
<u>      X      </u>	on January 27, 2022 pursuant to paragraph (b) of Rule 485
<u>          </u>	60 days after filing pursuant to paragraph (a)(1)
<u>          </u>	on _____ pursuant to paragraph (a)(1) of Rule 485.

If appropriate, check the following box:

<u>      X      </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: Group Deferred Fixed and Variable Annuity Contracts

\* Pursuant to Rule 429(a) under the Securities Act of 1933, Registrant has included a combined prospectus under this Registration Statement which includes all the information which would currently be required in a prospectus relating to the securities covered by the following earlier Registration Statements: 033-88720; 033-75964 (which had included a combined prospectus for earlier Registration Statements: 033-75958, 033-75960, and 033-75994); 033-75986 (which had included a combined prospectus for earlier Registration Statements: 033-75970, 033-75954, and 033-75956); 033-75982 (which had included a combined prospectus for earlier Registration Statements: 033-75968, 033-75966, 033-75990, and the individual deferred compensation Contracts covered by Registration Statement No. 033-75992); and 033-91846 (which had included a combined prospectus for earlier Registration Statement: 033-75976).

## **EXPLANATORY NOTE**

This Post-Effective Amendment No. 76 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. 74 to the Registration Statement filed on October 25, 2021.

Post-Effective Amendment No. 75 was filed pursuant to Rule 485(b)(1)(iii) under the 1933 Act on November 26, 2021 (Accession No. 0000103007-21-000095).

This Post-Effective Amendment No. 76 incorporates by reference the information contained in Parts A, B and C of Post-Effective Amendment 74 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 27<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. 76 to the Registration Statement has been signed by the following persons in the capacities and on the date indicated.

Signature	Title	
<u>Charles P. Nelson*</u>	Director and President	
Charles P. Nelson	(principal executive officer)	
<u>Robert L. Grubka*</u>	Director	
Robert L. Grubka		
<u>Michael R. Katz*</u>	Director and Chief Financial Officer	
Michael R. Katz	(principal financial officer)	
<u>Heather H. Lavallee*</u>	Director	
Heather H. Lavallee		
<u>Francis G. O'Neill*</u>	Director	
Francis G. O'Neill		
<u>                                </u>	Director	
Mona Zielke		
<u>Michael S. Smith*</u>	Director	
Michael S. Smith		
<u>C. Landon Cobb, Jr.*</u>	Chief Accounting Officer	
C. Landon Cobb, Jr.	(principal accounting officer)	
 By: <u>/s/ Peter M. Scavongelli</u> Peter M. Scavongelli *Attorney-in-Fact		December 27, 2021

\* 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