

ING SENIOR INCOME FUND  
Form 3  
March 30, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *			2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â ING INVESTMENTS DISTRIBUTOR, LLC			(Month/Day/Year)	ING SENIOR INCOME FUND [XSIX]	
(Last)	(First)	(Middle)	04/15/2008		
230 PARK AVENUE,Â			4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)		
NEW YORK,Â NYÂ 10169			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input checked="" type="checkbox"/> Other (give title below)    (specify below) Investment Adviser Affiliate		6. Individual or Joint/Group Filing(Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person
(City)	(State)	(Zip)			

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**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 control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable    Expiration Date	Title    Amount or Number of Shares			

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ING INVESTMENTS DISTRIBUTOR, LLC 230 PARK AVENUE NEW YORK, NY 10169	Â	Â	Â	Investment Adviser Affiliate
ING FUNDS SERVICES LLC 7337 E DOUBLETREE RANCH RD SCOTTSDALE, AZ 85250	Â	Â	Â	Investment Adviser Affiliate
ING CAPITAL CORP LLC 7337 EAST DOUBLETREE RANCH ROAD SCOTTSDALE, AZ 85258	Â	Â	Â	Investment Adviser Affiliate
ING INVESTMENTS LLC 7337 EAST DOUBLETREE RANCH ROAD SCOTTSDALE, AZ 85258	Â	Â	Â	Investment Adviser
ING INVESTMENT MANAGEMENT CO 10 STATE HOUSE SQUARE SH12 HARTFORD, CT 06103-3602	Â	Â	Â	Investment Adviser

## Signatures

Michael Gioffre                      03/30/2011

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

### No securities are beneficially owned

\* If the form is filed by more than one reporting person, *see* Instruction 5(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.

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