Pricing Supplement Dated 04/01/05 (To Prospectus dated March 5, 2004, and Prospectus Supplement dated March 5, 2004) Filed pursuant to Rule 424(b)(5) Registration Statement Nos. 333-110499 and 333-110499-01

CUSIP: 74254PFC1



Principal Life Insurance Company Principal<sup>®</sup> Life CoreNotes<sup>®</sup> (Callable) Issued Through Principal Life Income Fundings Trust 2005-31 (the "Trust")

The description of this pricing supplement of the particular terms of the Principal<sup>®</sup> Life CoreNotes<sup>®</sup> offered hereby, and the Funding Agreement (specified below) sold by Principal Life Insurance Company to the Trust (specified herein), the payment obligations of which are fully and unconditionally guaranteed by the Guarantee (specified below) issued by Principal Financial Group, Inc. to the Trust, supplements the description of the general terms and provisions of the notes, the funding agreements and the guarantees set forth in the accompanying prospectus and prospectus supplement, to which reference is hereby made.

## 1. The Notes

Principal Amount:	\$2,862,00	0.0 Purcha	sing Agent Discount:	1.200%
Issue Price:	100.0%	Origina	al Issue Date:	04/06/05
Net Proceeds to the Trust:	\$2,827,65	5.0 Stated	Maturity Date:	04/16/12
Interest Payment Dates:	The 15th day of ev	ery sixth month comme	encing on 10/15/2005.	
Initial Interest Payment Date:	10/15/05			
Regular Record Date:	The 1st day of eve	ry sixth month commen	cing on 10/01/2005.	
Type of Interest Rate:	I Fixed Rate	□ Floating Rate		
Fixed Rate Notes:	🛛 Yes	□ No.	If, Yes,	
Interest Rate:	5.00%			
Floating Rate Notes:	□ Yes	0 No.	If, Yes,	
Regular Floating Rate Notes: Interest Rate: Interest Rate Basis(es):	□ Yes	□ No.	If, Yes,	
Floating Rate/Fixed Rate Note: Floating Interest Rate: Interest Rate Basis(es): Fixed Interest Rate: Fixed Rate Commencement Date:	□ Yes	□ No.	If, Yes,	
Initial Interest Rate, if any:	N/A			
Initial Interest Reset Date:	N/A			

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Interest Rate Basis(es). Check all that apply:	N/A CD Rate Commercial Paper Rate Treasury Rate Other (See Attached)	□ CMT Rate □ LIBOR □ Prime Rate	
If LIBOR:	□ LIBOR Reuters Page LIBOR Currency:	LIBOR Moneyline T	elerate Page
If CMT Rate: Designated CMT Telerate Page: If 7052: Designated CMT Maturity Index:	□ Weekly Average	□ Monthly Average	
Index Maturity:	N/A		
Spread (+/-):	N/A		
Spread Multiplier:	N/A		
Interest Reset Date(s):	N/A		
Interest Rate Determination Date(s):	N/A		
Maximum Interest Rate, if any:	N/A		
Minimum Interest Rate, if any:	N/A		
Calculation Agent:	Citibank, N.A.		
Computation of Interest: (not applicable unless different than as specified in the Day Count Convention: (not applicable unless different than as specified in the	N/A		
Discount Note: Total Amount of Discount: Initial Accrual Period of Discount: Additional/Other Terms:	□ Yes	0 No.	If, Yes,
Terms of Survivor's Option: Annual Put Limitation:		□ \$2,000,000 or 2%; or □ \$or_%	
Individual Put Limitation:		□ \$250,000; or □ \$	
Trust Put Limitation:		2%; or \$	
Redemption Provisions: Initial Redemption Date: Redemption:	<ul> <li>□ Yes</li> <li>10/15/06</li> <li>□ In whole only and not in part</li> <li>□ May be in whole or in part</li> </ul>	□ No.	If, Yes,
Additional Other Terms:	Any redemption date will be an	Interest Payment Date fall	ing on or after the Initial Redemption Date
Repayment: Repayment Date(s): Repayment Price: Repayment: Additional/Other Terms:	<ul> <li>Yes</li> <li>In whole only and not in part</li> <li>May be in whole or in part</li> </ul>	0 No.	If, Yes,
Sinking Fund (not applicable unless specified):	N/A		
Securities Exchange Listing:	□ Yes	0 No.	If, Yes, Name of Exchange:
Authorized Denominations:	\$1,000		
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## Ratings:

The Notes issued under the Program are rated AA by Standard & Poor's ("S&P"). Principal Life expects the Notes to be rated Aa2 by Moody's Investors Service, Inc. ("Moody's").

Purchasing Agent(s) Purchasing Notes as Principal:	🛛 Yes		Io. If, Yes,
Purchasing Agent(s)			Principal Amount
Merrill Lynch Total:			\$ <u>2,862,000.0</u> \$2,862,000.0
State of Organization of the Trust:	New York		
Additional/Other Terms:	None		
Special Tax Considerations:	None		
2. The Funding Agreement			
Funding Agreement Issuer:	Principal Life Insurance	e Company	
Funding Agreement No.:	4-51744		
Deposit:	\$2,862,015.0		
Net Deposit:	\$2,827,656.0		
Effective Date:	04/06/05		
Stated Maturity Date:	04/16/12		
Interest Payment Dates:	The 15th day of every s	sixth month co	ommencing on 10/15/2005.
Initial Interest Payment Date:	10/15/05		
Type of Interest Rate:	I Fixed Rate	□ Floating	Rate
Fixed Rate Funding Agreement:	🛛 Yes	□ No.	If, Yes,
Interest Rate:	5.00%		
Floating Rate Funding Agreement:	□ Yes	🛛 No.	If, Yes,
Regular Floating Rate Funding Agreement: Interest Rate: Interest Rate Basis(es):	□ Yes	□ No.	If, Yes,
Floating Rate/Fixed Rate Funding Agreement: Floating Interest Rate: Interest Rate Basis(es): Fixed Interest Rate: Fixed Rate Commencement Date:	□ Yes	□ No.	If, Yes,
Initial Interest Rate, if any:	N/A		
Initial Interest Reset Date:	N/A		
Interest Rate Basis(es). Check all that apply:	□ CD Rate □ Commercial Paper Rate □ Treasury Rate □ Other (See Attached)	N/A	□ CMT Rate □ LIBOR □ Prime Rate
If LIBOR:	□ LIBOR Reuters Page LIBOR Currency:		LIBOR Moneyline Telerate Page
If CMT Rate: Designated CMT Telerate Page: If 7052: Designated CMT Maturity Index:	□ Weekly Average	3	□ Monthly Average

	Index Maturity:	N/A		
	Spread (+/-):	N/A		
	Spread Multiplier:	N/A		
	Interest Reset Date(s):	N/A		
	Interest Rate Determination Date(s):	N/A		
	Maximum Interest Rate, if any:	N/A		
	Minimum Interest Rate, if any:	N/A		
(not ap Day C	utation of Interest: oplicable unless different than as specified in the prospectus ount Convention: oplicable unless different than as specified in the prospectus	N/A		
Discou	Int Funding Agreement: Total Amount of Discount: Initial Accrual Period of Discount: Additional/Other Terms:	□ Yes	0 No.	If, Yes,
Terms	of Survivor's Option: Annual Put Limitation: Individual Put Limitation: Trust Put Limitation:		□ \$2,000,000 or 2%; or □ \$or_% □ \$250,000; or □ \$ □ 2%; or \$	
Dadam		🛛 Yes	□ No.	If, Yes,
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	Initial Redemption Date: Redemption:	10/15/06 □ In whole only and not in □ May be in whole or in p		
		□ In whole only and not in □ May be in whole or in p	part	ing on or after the Initial Redemption Date
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Sinkin Rating T P Additi	Redemption: Additional Other Terms: ment: Repayment Date(s): Repayment Price: Repayment: Additional/Other Terms: g Fund (not applicable unless specified): s: he Funding Agreement issued under the Program is rated A rincipal Life expects the Funding Agreement to be rated Aa	<ul> <li>In whole only and not in p</li> <li>May be in whole or in p</li> <li>Any redemption date will</li> <li>Yes</li> <li>In whole only and not i</li> <li>May be in whole or in p</li> <li>A by S&amp;P.</li> <li>by Moody's.</li> </ul>	oart be an Interest Payment Date fall I No. n part part	
Sinkin Rating T P Additi Specia	Redemption: Additional Other Terms: ment: Repayment Date(s): Repayment Price: Repayment: Additional/Other Terms: g Fund (not applicable unless specified): s: he Funding Agreement issued under the Program is rated A rincipal Life expects the Funding Agreement to be rated Aa onal/Other Terms:	<ul> <li>In whole only and not in p May be in whole or in p Any redemption date will</li> <li>Yes</li> <li>In whole only and not i</li> <li>May be in whole or in p</li> </ul> A by S&P. 2 by Moody's. None	oart be an Interest Payment Date fall I No. n part part	
Sinkin Rating T P Additi Specia <b>3. The</b>	Redemption: Additional Other Terms: ment: Repayment Date(s): Repayment Price: Repayment: Additional/Other Terms: g Fund (not applicable unless specified): s: he Funding Agreement issued under the Program is rated A rincipal Life expects the Funding Agreement to be rated Aa onal/Other Terms: 1 Tax Considerations:	<ul> <li>In whole only and not in p May be in whole or in p Any redemption date will</li> <li>Yes</li> <li>In whole only and not i</li> <li>May be in whole or in p</li> </ul> A by S&P. 2 by Moody's. None	oart be an Interest Payment Date fall I No. n part part N/A	
Sinkin Rating T P Additi Specia <b>3. The</b> Guaran	Redemption: Additional Other Terms: ment: Repayment Date(s): Repayment Price: Repayment: Additional/Other Terms: g Fund (not applicable unless specified): s: he Funding Agreement issued under the Program is rated A rincipal Life expects the Funding Agreement to be rated Aa onal/Other Terms: I Tax Considerations: Guarantee	<ul> <li>In whole only and not in a May be in whole or in a May be in whole or in a May redemption date will</li> <li>Yes</li> <li>In whole only and not i May be in whole or in a May be in whole or</li></ul>	oart be an Interest Payment Date fall I No. n part part N/A	
Sinkin Rating T P Additi Specia <b>3. The</b> Guaran Effecti	Redemption: Additional Other Terms: ment: Repayment Date(s): Repayment Price: Repayment: Additional/Other Terms: g Fund (not applicable unless specified): s: he Funding Agreement issued under the Program is rated A rincipal Life expects the Funding Agreement to be rated Aa onal/Other Terms: I Tax Considerations: Guarantee htee Issuer:	<ul> <li>In whole only and not in p May be in whole or in p</li> <li>Any redemption date will</li> <li>Yes</li> <li>In whole only and not i</li> <li>May be in whole or in p</li> <li>May be in whole or in p</li> <li>A by S&amp;P.</li> <li>by Moody's.</li> <li>None</li> <li>None</li> <li>Principal Financial Gr</li> </ul>	oart be an Interest Payment Date fall I No. n part part N/A	