

NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN  
Form NSAR-A  
April 22, 2005

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000 F000000 Y  
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000 H000000 N  
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001 B000000 811-07492  
001 C000000 3129178200  
002 A000000 333 WEST WACKER DRIVE  
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002 D020000 1286  
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008 A000001 NUVEEN ASSET MANAGEMENT  
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012 A000001 EQUISERVE INC.  
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012 B000001 84-05925  
012 C010001 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
013 A000001 ERNST & YOUNG LLP  
013 B010001 CHICAGO

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013 B020001 IL  
013 B030001 60606  
014 A000001 NUVEEN INVESTMENTS, LLC  
014 B000001 8-13464  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
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022 A000001 CITIGROUP GLOBAL MARKETS, INC.  
022 B000001 13-3214963  
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022 A000002 RED CAPITAL MARKETS  
022 B000002 31-1078499  
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022 A000003 DAIN RAUSCHER  
022 B000003 41-0212020  
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022 A000004 LOOP CAPITAL  
PAGE 3  
022 B000004 36-4164012  
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022 A000005 E.J. DE LA ROSA & CO.  
022 B000005 95-4223441  
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022 A000007 UBS FINANCIAL SERVICES  
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088	A000000	N
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088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	STEPHEN D. FOY	
TITLE	V.P. & CONTROLLER	