

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-A

January 27, 2006

PAGE 1
000 A000000 11/30/2005
000 C000000 0000899782
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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002 A000000 333 WEST WACKER DRIVE
002 B000000 CHICAGO
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007 C010600 6
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007 C010800 8
007 C010900 9
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PAGE 2
012 C010001 PROVIDENCE
012 C020001 RI
012 C030001 02940
013 A000001 ERNST & YOUNG LLP
013 B010001 CHICAGO
013 B020001 IL

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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 B000002 44-0206815
022 C000002 0
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022 A000003 W.H. MELL
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042 G000000 0
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PAGE 5
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PAGE 6

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070 O020000 Y
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070 R020000 N

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PAGE 7

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PAGE 8

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087	A020000	67060Q108
087	A030000	NOM
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088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	STEPHEN D. FOY	
TITLE	V.P. & CONTROLLER	