

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-B

July 28, 2010

PAGE 1
000 B000000 05/31/2010
000 C000000 0000899782
000 D000000 N
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000 F000000 Y
000 G000000 N
000 H000000 N
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012 A000001 EQUISERVE INC.
012 B000001 84-05925
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013 A000001 ERNST & YOUNG LLP
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014 A000001 NUVEEN INVESTMENTS, LLC
014 B000001 8-13464
PAGE 2
015 A000001 STATE STREET BANK AND TRUST COMPANY
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015 C010001 BOSTON
015 C020001 MA
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072 H000000 0
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074 V020000 0.00
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075 A000000 0
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076 000000 16.50
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077 B000000 Y
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078 000000 N
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080 B000000 BERKLEY, GREAT AMERICAN, ST. PAUL & CNA
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088 A000000 N
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088 C000000 N
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SIGNATURE STEPHEN D. FOY
TITLE V.P. & CONTROLLER