

NUVEEN ARIZONA DIVIDEND ADVANTAGE MUNICIPAL FUND 3

Form NSAR-B

September 28, 2007

PAGE 1
000 B000000 07/31/2007
000 C000000 0001177212
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
001 A000000 NUVEEN AZ DIVIDEND ADVANTAGE MUNICIPAL FUND 3
001 B000000 811-21157
001 C000000 3129178200
002 A000000 333 WEST WACKER DRIVE
002 B000000 CHICAGO
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002 D010000 60606
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007 C010600 6
007 C010700 7
007 C010800 8
007 C010900 9
007 C011000 10
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008 B000001 A
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008 D010001 CHICAGO
008 D020001 IL
008 D030001 60606
008 D040001 1286
012 A000001 EQUISERVE INC.
012 B000001 84-05925
012 C010001 PROVIDENCE
012 C020001 RI
012 C030001 02940
013 A000001 ERNST & YOUNG LLP
013 B010001 CHICAGO
013 B020001 IL
013 B030001 60606
014 A000001 NUVEEN INVESTMENTS, LLC
014 B000001 8-13464
PAGE 2
015 A000001 STATE STREET BANK AND TRUST COMPANY
015 B000001 C
015 C010001 BOSTON
015 C020001 MA
015 C030001 02110
015 E010001 X

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018 000000 Y
 019 A000000 Y
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 022 D000002 4987
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 022 B000004 44-0522232
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 022 B000005 56-2058405
 022 C000005 490
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 022 A000008 STPHENS INC
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 PAGE 3
 022 C000008 0
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042 H000000 0
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046 000000 N
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PAGE 5
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048 K010000 0
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062 B000000 0.0
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 070 Q020000 N
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070 R020000 N
 071 A000000 14420
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 071 C000000 65871
 071 D000000 15

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 072 V000000 0
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 072 Z000000 2758

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 074 N000000 69503

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074 O000000 0
 074 P000000 17
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074 R020000	0
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074 S000000	22000
074 T000000	43552
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075 B000000	3068
076 000000	13.44
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080 B000000	AIG, GREAT AMERICAN, S. PAUL & CNA
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087 A020000	67072E101
087 A030000	NXE
088 A000000	N
	PAGE 9
088 B000000	N
088 C000000	N
088 D000000	Y
SIGNATURE	STEPHEN D. FOY
TITLE	VP & CONTROLLER