

NUVEEN ARIZONA DIVIDEND ADVANTAGE MUNICIPAL FUND 3

Form NSAR-A

March 30, 2007

PAGE 1
000 A000000 01/31/2007
000 C000000 0001177212
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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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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008 B000001 A
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012 A000001 EQUISERVE INC.
012 B000001 84-05925
012 C010001 PROVIDENCE
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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
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018 000000 Y
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 PAGE 3
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070 O010000 Y
070 O020000 Y
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070 P020000 N
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070 R010000 N

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070 R020000 N
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074 R020000	0
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087 A020000	67072E101
087 A030000	NXE
088 A000000	N
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088 C000000	N
088 D000000	Y
SIGNATURE	STEPHEN D. FOY
TITLE	VP & CONTROLLER