NUVEEN ARIZONA PREMIUM INCOME MUNICIPAL FUND INC Form N-Q July 30, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-7278

Nuveen Arizona Premium Income Municipal Fund, Inc. (Exact name of registrant as specified in charter)

Nuveen Investments 333 West Wacker Drive, Chicago, Illinois 60606 (Address of principal executive offices) (Zip code)

Kevin J. McCarthy
Vice President and Secretary
333 West Wacker Drive, Chicago, Illinois 60606
(Name and address of agent for service)

Registrant's telephone number, including area code: 312-917-7700

Date of fiscal year end: 2/28

Date of reporting period: 5/31/12

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (§§ 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

Item 1. Schedule of Investments

Portfolio of Investments (Unaudited) Nuveen Arizona Premium Income Municipal Fund, Inc. (NAZ) May 31, 2012

Principal	5	Optional Call	7. 1. (2)	** •
Amount (000)	Description (1)	Provisions (2)	Ratings (3)	Value
	Consumer Staples – 1.1% (0.8% of Total			
	Investments)			
	Puerto Rico, The Children's Trust Fund,			
730	Tobacco Settlement Asset-Backed Refunding Bonds,	8/12 at 100.00	BBB+	\$ 728,613
730	Series 2002, 5.375%, 5/15/33	6/12 at 100.00	БББ⊤	\$ 726,013
	Education and Civic Organizations – 16.0%			
	(11.3% of Total Investments)			
	Arizona Higher Education Loan Authority,			
	Student Loan Revenue Bonds, Series 2007B,			
2,500	Auction	9/12 at 100.00	A	1,834,429
•	Rate Securities, 0.665%, 11/01/41 (Alternative			, ,
	Minimum Tax) (4)			
	Arizona State University, System Revenue			
	Bonds, Series 2005:			
1,455	5.000%, 7/01/20 – AMBAC Insured	7/15 at 100.00	Aa3	1,623,969
750	5.000%, 7/01/21 – AMBAC Insured	7/15 at 100.00	Aa3	837,098
	Glendale Industrial Development Authority,			
	Arizona, Revenue Bonds, Midwestern			
755	University,	5/22 at 100.00	A–	822,640
	Refunding Series 2007, 5.000%, 5/15/31			
	Glendale Industrial Development Authority,			
1.600	Arizona, Revenue Bonds, Midwestern	<i>5/0</i> 0 + 100 00	A .	1 (04 05 (
1,600	University,	5/20 at 100.00	A+	1,684,256
	Refunding Series 2010, 5.125%, 5/15/40 Phoenix Industrial Development Authority,			
	Arizona, Education Facility Revenue Bonds,			
280	Brighter	7/22 at 100.00	BB+	286,728
200	Choice Foundation Charter Middle Schools	7722 at 100.00	DD I	200,720
	Project, Series 2012, 7.500%, 7/01/42			
	Phoenix Industrial Development Authority,			
	Arizona, Education Revenue Bonds, Great			
220	Hearts	7/21 at 100.00	BBB	231,411
	Academies – Veritas Project, Series 2012,			,
	6.300%, 7/01/42			

280	Phoenix Industrial Development Authority, Arizona, Education Revenue Bonds, Painted Rock Academy Charter School Project, Series 2012A, 7.500%, 7/01/42 Pima County Industrial Development Authority, Arizona, Education Revenue	7/20 at 100.00	N/R	285,740
280	Bonds, Carden Traditional Schools Project, Series 2012, 7.500%, 1/01/42 Pima County Industrial Development Authority, Arizona, Education Revenue Bonds, Paradise Education Center Project, Series 2010:	1/22 at 100.00	BBB-	295,834
170	6.000%, 6/01/40	6/19 at 100.00	BBB-	170,964
200	6.100%, 6/01/45	6/19 at 100.00	BBB-	201,470
	Tempe Industrial Development Authority, Arizona, Lease Revenue Bonds, Arizona State			·
1,500	University Foundation Project, Series 2003, 5.000%, 7/01/34 – AMBAC Insured Yavapai County Industrial Development	7/13 at 100.00	N/R	1,508,805
925	Authority, Arizona, Charter School Revenue	2/21 -+ 100 00	DD.	017.005
825	Bonds, Arizona Agribusiness and Equine Center Charter School, Series 2011, 7.875%, 3/01/42	3/21 at 100.00	BB+	917,895
10,815	Total Education and Civic Organizations Health Care – 21.8% (15.5% of Total Investments)			10,701,239
	Arizona Health Facilities Authority, Hospital			
	Revenue Bonds, Banner Health Systems,			
1,430	Series 2007A, 5.000%, 1/01/25 Arizona Health Facilities Authority, Hospital	1/17 at 100.00	AA-	1,592,863
005	Revenue Bonds, Banner Health Systems,	1/17 -+ 100 00	A A	644 205
885	Series 2007B, 1.124%, 1/02/37 Arizona Health Facilities Authority, Hospital Revenue Bonds, Banner Health Systems,	1/17 at 100.00	AA-	644,395
3,470	Series	1/18 at 100.00	AA-	3,761,411
	2008D, 5.500%, 1/01/38			
	Glendale Industrial Development Authority,			
	Arizona, Revenue Bonds, John C. Lincoln	12/15 at		
675	Health	100.00	BBB+	678,976
	Network, Series 2005B, 5.000%, 12/01/37 Glendale Industrial Development Authority,			·
	Arizona, Revenue Bonds, John C. Lincoln	12/17 at	n	4.460.00-
1,110	Health	100.00	BBB+	1,120,889
2,150	Network, Series 2007, 5.000%, 12/01/42 Maricopa County Industrial Development Authority, Arizona, Health Facility Revenue	7/14 at 100.00	A+	2,271,303

	Bonds, Catholic Healthcare West, Series 2004A, 5.375%, 7/01/23 Maricopa County Industrial Development Authority, Arizona, Health Facility Revenue			
2,900	Bonds, Catholic Healthcare West, Series 2007A, 5.250%, 7/01/32	7/17 at 100.00	A+	3,119,675
425	Puerto Rico Industrial, Tourist, Educational, Medical and Environmental Control Facilities Financing Authority, Hospital Revenue Bonds, Hospital de la Concepcion, Series 2000A, 6.375%, 11/15/15 Show Low Industrial Development Authority, Arizona, Hospital Revenue Bonds, Navapache Regional	11/12 at 100.00	AA+	426,730
	Medical Center, Series 2005:			
525	5.000%, 12/01/25 – RAAI Insured	12/15 at 100.00 12/15 at	BBB+	530,518
435	5.000%, 12/01/30 – RAAI Insured	100.00	BBB+	436,871
14,005	Total Health Care			14,583,631
	Long-Term Care -0.5% (0.3% of Total			
	Investments)			
	Tempe Industrial Development Authority,			
	Arizona, Revenue Bonds, Friendship Village	12/21 at		
295	of Tempe	100.00	N/R	308,021
	Project, Refunding Series 2012A, 6.000%,			
	12/01/32 Tay Obligation/Consult 10.00/ (7.80/ of Tata	.1		
	Tax Obligation/General – 10.9% (7.8% of Total Investments)	ll		
	Gila County Unified School District 10			
	Payson, Arizona, School Improvement Bonds,			
1,265	Project	7/18 at 100.00	Aa3	1,461,277
,	2006, Series 2008B, 5.750%, 7/01/28			, - ,
	Maricopa County Unified School District 95			
	Queen Creek, Arizona, General Obligation			
1,200	Bonds,	7/18 at 100.00	Aa3	1,319,556
	Series 2008, 5.000%, 7/01/27 – AGM Insured			
	Pima County Continental Elementary School			
515	District 39, Arizona, General Obligation	7/21 . 100.00		(25.001
515	Bonds,	7/21 at 100.00	AA-	635,881
	Series 2011A, 2.000%, 7/01/30 – AGM Insured	u		
	Pinal County Unified School District 1, Florence, Arizona, General Obligation Bonds,			
3,530	Series	7/18 at 100.00	A	3,913,676
3,330	2008C, 5.250%, 7/01/28	7710 at 100.00	7.1	3,713,070
6,510	Total Tax Obligation/General			7,330,390
	Tax Obligation/Limited – 39.4% (28.0% of			· · · · · · ·
	Total Investments)			
990		7/22 at 100.00	A1	1,077,882

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	Arizona Sports and Tourism Authority, Senior			
	Revenue Refunding Bonds, Multipurpose Stadium			
	Facility Project, Series 2012A, 5.000%,			
	7/01/36 (WI/DD, Settling 6/05/12)			
	Estrella Mountain Ranch Community			
300	Facilities District, Goodyear, Arizona, Special	7/12 at 100.00	N/R	200 516
300	Assessment Lien Bonds, Series 2001A, 7.875%, 7/01/25	7/12 at 100.00	1 \/ 1 \	300,516
	Glendale Western Loop 101 Public Facilities			
3,000	Corporation, Arizona, Third Lien Excise Tax	1/14 at 100.00	AA	3,190,170
	Revenue Bonds, Series 2008B, 6.250%,			
	7/01/38			
	Greater Arizona Development Authority, Infrastructure Revenue Bonds, Series 2006-1,			
1,280	5.000%,	8/16 at 100.00	AA-	1,462,170
1,200	8/01/22 – NPFG Insured	0/10 dt 100.00	7171	1,402,170
	Greater Arizona Development Authority,			
	Infrastructure Revenue Bonds, Series 2006A,			
740	5.000%,	8/16 at 100.00	A1	827,172
	8/01/23 – NPFG Insured			
	Marana Municipal Property Corporation,			
1,110	Arizona, Municipal Facilities Revenue Bonds, Series	1/13 at 100.00	AA	1,111,487
1,110	2008B, 5.125%, 7/01/28	1/13 at 100.00	7171	1,111,407
	Marana Municipal Property Corporation,			
	Arizona, Revenue Bonds, Series 2003,			
575	5.000%, 7/01/28 –	7/13 at 100.00	AA	587,064
	AMBAC Insured			
	Marana, Arizona, Tangerine Farms Road Improvement District Revenue Bonds, Series			
1,342	2006,	7/16 at 100.00	A2	1,384,112
1,5 12	4.600%, 1/01/26	7710 at 100.00	112	1,301,112
	Maricopa County Stadium District, Arizona,			
	Revenue Refunding Bonds, Series 2002,			
3,400	5.375%,	8/12 at 100.00	BBB-	3,313,912
	6/01/18 – AMBAC Insured			
	Mesa, Arizona, Street and Highway User Tax Revenue Bonds, Series 2005, 5.000%, 7/01/24			
3,400	- Revenue Bonds, Series 2003, 5.000 //, 1/01/24	7/15 at 100.00	AA	3,633,444
3,100	AGM Insured	7710 at 100.00	1111	2,022,111
	Phoenix Mesa Gateway Airport Authority,			
	Arizona, Special Facility Revenue Bonds,			
170	Mesa Project,	7/22 at 100.00	AA+	174,670
	Series 2012, 5.000%, 7/01/38 (Alternative			
	Minimum Tax) Pinetop Fire District of Navajo County,			
	Arizona, Certificates of Participation, Series			
1,140	2008,	6/16 at 102.00	A3	1,217,611
	7.750%, 6/15/29			
265		7/12 at 100.00	Baa1	265,162

-	Puerto Rico Public Buildings Authority, Guaranteed Government Facilities Revenue Refunding			
	Bonds, Series 2002D, 5.125%, 7/01/24 Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate			
1,525	Series 2010A, 0.000%, 8/01/33 Puerto Rico Sales Tax Financing Corporation,	No Opt. Call	A+	486,917
1,700	Sales Tax Revenue Bonds, First Subordinate Series 2010C, 0.000%, 8/01/38 San Luis Civic Improvement Corporation,	No Opt. Call	A+	383,248
1,610	Arizona, Municipal Facilities Excise Tax Revenue Bonds, Series 2005, 5.000%, 7/01/25 – SYNCORA GTY Insured	7/15 at 100.00	A+	1,698,759
1,000	Scottsdale Municipal Property Corporation, Arizona, Excise Tax Revenue Bonds, Refunding Series 2006, 5.000%, 7/01/24	No Opt. Call	AAA	1,269,490
2,000	Scottsdale Municipal Property Corporation, Arizona, Excise Tax Revenue Bonds, Water & Sewer	7/20 at 100.00	AAA	2,249,260
2,000	Improvements Project, Series 2010, 5.000%, 7/01/36 Virgin Islands Public Finance Authority,			 ,
1,000	Matching Fund Loan Notes Revenue Bonds, Senior Lien Series 2010A, 5.000%, 10/01/29 Vistancia Community Facilities District,	10/20 at 100.00	BBB+	1,058,950
645	Peoria, Arizona, General Obligation Bonds, Series 2005, 5.750%, 7/15/24	7/15 at 100.00	A1	687,248
27,192	Total Tax Obligation/Limited U.S. Guaranteed – 13.8% (9.8% of Total Investments) (5) Arizona State University, System Revenue			26,379,244
1,000	Bonds, Series 2002, 5.000%, 7/01/25 (Pre-refunded 7/01/12) – FGIC Insured Glendale, Arizona, Water and Sewer Revenue	7/12 at 100.00	AA (5)	1,003,970
3,500	Bonds, Subordinate Lien, Series 2003, 5.000%, 7/01/28 (Pre-refunded 7/01/13) – AMBAC Insured	7/13 at 100.00	AA (5)	3,679,165
1,250	Maricopa County Industrial Development Authority, Arizona, Hospital Revenue Refunding Bonds, Samaritan Health Services, Series 1990A, 7.000%, 12/01/16 – NPFG Insured (ETM)	No Opt. Call	N/R (5)	1,473,075

385	Maricopa County, Arizona, Hospital Revenue Bonds, Sun Health Corporation, Series 2005, 5.000%, 4/01/16 (Pre-refunded 4/01/15)	4/15 at 100.00	N/R (5)	432,805
500	Oro Valley Municipal Property Corporation, Arizona, Senior Lien Water Revenue Bonds, Series 2003, 5.000%, 7/01/23 (Pre-refunded 7/01/13) NPFG Insured	7/13 at 100.00	AA (5)	525,595
1,200	Prescott Valley Municipal Property Corporation, Arizona, Municipal Facilities Revenue Bonds, Series 2003, 5.000%, 1/01/27 (Pre-refunded 1/01/13) – FGIC Insured	1/13 at 100.00	AA-(5)	1,233,384
365	Puerto Rico Public Buildings Authority, Guaranteed Government Facilities Revenue Refunding Bonds, Series 2002D, 5.125%, 7/01/24 (Pre-refunded 7/01/12)	7/12 at 100.00	Baa1 (5)	366,493
530	Salt River Project Agricultural Improvement and Power District, Arizona, Electric System Revenue Bonds, Series 2002B, 5.000%,	1/13 at 100.00	Aa1 (5)	544,872
8,730	1/01/22 (Pre-refunded 1/01/13) Total U.S. Guaranteed Utilities – 25.9% (18.4% of Total Investments) Apache County Industrial Development			9,259,359
470	Authority, Arizona, Pollution Control Revenue Bonds, Tucson Electric Power Company, Series 20102A, 4.500%, 3/01/30	3/22 at 100.00	BBB-	480,631
1,000	Arizona Power Authority, Special Obligation Power Resource Revenue Refunding Crossover Bonds, Hoover Project, Series 2001, 5.250%, 10/01/15	No Opt. Call	AA	1,148,210
1,600	Maricopa County Pollution Control Corporation, Arizona, Pollution Control Revenue Refunding Bonds, Southern California Edison Company, Series 2000A, 5.000%, 6/01/35	6/20 at 100.00	A1	1,758,592
1,340	Pima County Industrial Development Authority, Arizona, Revenue Bonds, Tucson Electric Power Company, Refunding Series 2008, 5.750%, 9/01/29 Pinel County Electrical District 2, Arizona	1/15 at 100.00	BBB-	1,425,331
650	Pinal County Electrical District 3, Arizona, Electric System Revenue Bonds, Refunding Series	7/21 at 100.00	A	711,607
2,170	2011, 5.250%, 7/01/36 Puerto Rico Electric Power Authority, Power Revenue Bonds, Series 2005RR, 5.000%,	7/15 at 100.00	BBB+	2,278,869

715	7/01/27 – SYNCORA GTY Insured Salt River Project Agricultural Improvement and Power District, Arizona, Electric System Revenue Bonds, Tender Option Bond Trust 09-9W, 17.850%, 1/01/38 (IF) (6) Salt Verde Financial Corporation, Arizona, Senior Gas Revenue Bonds, Citigroup Energy Inc	1/18 at 100.00	Aa1	1,012,383
4,500	Prepay Contract Obligations, Series 2007: 5.500%, 12/01/29	No Opt Coll	٨	4,933,035
•		No Opt. Call	A– A–	
3,500	5.000%, 12/01/37	No Opt. Call	A-	3,581,585
15,945	Total Utilities Water and Sewer – 11.4% (8.1% of Total Investments) Cottonwood, Arizona, Senior Lien Water			17,330,243
	System Revenue Bonds, Municipal Property			
1,005	Corporation,	7/14 at 100.00	A	1,030,527
	Series 2004, 5.000%, 7/01/24 – SYNCORA GTY Insured			
1 405	Goodyear, Arizona, Water and Sewer Revenue		۸.	1 556 071
1,425	Obligations, Series 2010, 5.625%, 7/01/39	7/20 at 100.00	A+	1,556,271
	Phoenix Civic Improvement Corporation,			
1 000	Arizona, Junior Lien Wastewater System	7/1/ -+ 100 00		1 000 210
1,000	Revenue Bonds,	7/14 at 100.00	AA+	1,080,210
	Series 2004, 5.000%, 7/01/24 – NPFG Insured			
	Phoenix Civic Improvement Corporation,			
1.250	Arizona, Junior Lien Water System Revenue	N - O - 4 C - 11	A A A	1 (12 525
1,250	Refunding	No Opt. Call	AAA	1,613,525
	Bonds, Series 2001, 5.500%, 7/01/21 – FGIC Insured			
	Surprise Municipal Property Corporation, Arizona, Wastewater System Revenue Bonds,			
	Series 2007:			
600	4.700%, 4/01/22	4/14 at 100.00	A-	610,542
810	4.900%, 4/01/32	4/17 at 100.00	A- A-	823,284
010	Yuma County Industrial Development	4/1/ at 100.00	71	023,204
	Authority, Arizona, Exempt Revenue Bonds,	12/17 at		
905	Far West Water &	100.00 N/R		891,995
703	Sewer Inc. Refunding, Series 2007A, 6.375%,	100.00 1VK		071,773
	12/01/37 (Alternative Minimum Tax)			
6,995	Total Water and Sewer			7,606,354
\$ 91,217	Total Investments (cost \$85,876,978) – 140.89	6		94,227,094
•	Variable MuniFund Term Preferred Shares, at			, ,
	Liquidation Value– (41.8)% (7)			(28,000,000)
	Other Assets Less Liabilities – 1.0%			713,159
	Net Assets Applicable to Common Shares –			
	100%			\$ 66,940,253

Fair Value Measurements

Fair value is defined as the price that the Fund would receive upon selling an investment or transferring a liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the investment. A three-tier hierarchy is used to maximize the use of observable market data and minimize the use of unobservable inputs and to establish classification of fair value measurements for disclosure purposes. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability. Observable inputs are based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing the asset or liability. Unobservable inputs are based on the best information available in the circumstances. The three-tier hierarchy of inputs is summarized in the three broad levels listed below:

Level 1 – Quoted prices in active markets for identical securities.

Level 2 – Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 – Significant unobservable inputs (including management's assumptions in determining the fair value of investments).

The inputs or methodologies used for valuing securities are not an indication of the risk associated with investing in those securities. The following is a summary of the Fund's fair value measurements as of May 31, 2012:

	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	\$92,392,665	\$1,834,429	\$94,227,094

The following is a reconciliation of the Fund's Level 3 investments held at the beginning and end of the measurement period:

Level 3
Municipal
Bonds
\$1,959,607
_
(125,178)
_
_
_
\$1,834,429

During the period ended May 31, 2012, the Fund recognized no transfers to or from Level 1, Level 2 or Level 3.

Income Tax Information

The following information is presented on an income tax basis. Differences between amounts for financial statement and federal income tax purposes are primarily due to timing differences in recognizing taxable market discount, timing differences in recognizing certain gains and losses on investment transactions and the treatment of investments in inverse floating rate securities reflected as financing transactions, if any. To the extent that differences arise that are permanent in nature, such amounts are reclassified within the capital accounts on the Statement of Assets and Liabilities presented in the annual report, based on their federal tax basis treatment; temporary differences do not require reclassification. Temporary and permanent differences do not impact the net asset value of the Fund.

At May 31, 2012, the cost of investments was \$87,957,613.

Gross unrealized appreciation and gross unrealized depreciation of investments at May 31, 2012, were as follows:

Gross unrealized:

Appreciation \$9,331,750

Depreciation (3,062,269)

Net unrealized appreciation (depreciation) of investments \$6,269,481

- (1) All percentages shown in the Portfolio of Investments are based on net assets applicable to Common shares unless otherwise noted.
- (2) Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or redemption. There may be other call provisions at varying prices at later dates. Certain mortgage-backed securities may be subject to periodic principal paydowns.
- (3) Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's or BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
- (4) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board of Directors. For fair value measurement disclosure purposes, investment categorized as Level 3.
- (5) Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency securities, which ensure the timely payment of principal and interest. Certain bonds backed by U.S. Government or agency securities are regarded as having an implied rating equal to the rating of such securities.
 - (6) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in inverse floating rate transactions.
 - (7) Variable MuniFund Term Preferred Shares, at Liquidation Value as a percentage of Total Investments is 29.7%.

N/R Not rated.

WI/DD Purchased on a when-issued or delayed delivery basis.

- (ETM) Escrowed to maturity.
 - (IF) Inverse floating rate investment.

Item 2. Controls and Procedures.

- a. The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of this report that includes the disclosure required by this paragraph, based on their evaluation of the controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rule 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934 (17 CFR 240.13a-15(b) or 240.15d-15(b)).
- b. There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

File as exhibits as part of this Form a separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the 1940 Act (17 CFR 270.30a-2(a)), exactly as set forth below: See EX-99 CERT attached hereto.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) Nuveen Arizona Premium Income Municipal Fund, Inc.

By (Signature and Title) /s/ Kevin J. McCarthy

Kevin J. McCarthy

Vice President and Secretary

Date: July 30, 2012

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title) /s/ Gifford R. Zimmerman

Gifford R. Zimmerman

Chief Administrative Officer (principal executive officer)

Date: July 30, 2012

By (Signature and Title) /s/ Stephen D. Foy

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: July 30, 2012