NUVEEN CALIFORNIA MUNICIPAL VALUE FUND INC
Form N-Q
January 27, 2011

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 811-5235

Nuveen California Municipal Value 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: 11/30/10

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 California Municipal Value Fund, Inc. (NCA)
November 30, 2010

Principal Amount (000)	Description (1)	Optional Call Provisions (2)	Ratings (3)	Value
	Consumer Staples – 3.6% (3.5% of Total Investments)			
$ 430	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Sonoma County Tobacco Securitization Corporation, Series 2005, 4.250%, 6/01/21	6/15 at 100.00	BBB	$ 399,436
2,000	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-1, 5.750%, 6/01/47	6/17 at 100.00	Baa3	1,435,960
11,010	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-2, 0.000%, 6/01/37	6/22 at 100.00	Baa3	6,655,545
13,440	Total Consumer Staples			8,490,941
	Education and Civic Organizations – 0.8% (0.8% of Total Investments)			
140	California Educational Facilities Authority, Revenue Bonds, University of Redlands, Series 2005A, 5.000%, 10/01/35	10/15 at 100.00	A3	128,706
	California Educational Facilities Authority, Revenue Bonds, University of the Pacific, Series 2006:			
95	5.000%, 11/01/21	11/15 at 100.00	A2	99,734
125	5.000%, 11/01/25	11/15 at 100.00	A2	128,559
1,500	California Statewide Community Development Authority, Certificates of Participation, San Diego Space and Science Foundation, Series 1996, 7.500%, 12/01/26	12/10 at 101.00	N/R	1,475,505
1,860	Total Education and Civic Organizations			1,832,504
	Health Care – 13.3% (13.2% of Total Investments)			
310	California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanante System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	294,326
5,365	California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007A, 5.250%, 11/15/46 (UB)	11/16 at 100.00	AA–	5,178,459
1,450	California Municipal Financing Authority, Certificates of Participation, Community Hospitals of Central California, Series 2007, 5.250%, 2/01/27	2/17 at 100.00	Baa2	1,366,930
560			A	513,587

	California Statewide Communities Development Authority, Revenue Bonds, Adventist Health System West, Series 2005A, 5.000%, 3/01/35	3/15 at 100.00		
3,000	California Statewide Community Development Authority, Insured Health Facility Revenue Bonds, Catholic Healthcare West, Series 2008K, 5.500%, 7/01/41 – AGC Insured	7/17 at 100.00	AA+	3,052,020
990	California Statewide Community Development Authority, Revenue Bonds, Kaiser Permanante System, Series 2006, 5.000%, 3/01/41	3/16 at 100.00	A+	929,818
1,460	California Statewide Community Development Authority, Revenue Bonds, Kaiser Permanente System, Series 2001C, 5.250%, 8/01/31	8/16 at 100.00	A+	1,465,563
2,710	California Statewide Community Development Authority, Revenue Bonds, Sherman Oaks Health System, Series 1998A, 5.000%, 8/01/22 – AMBAC Insured	No Opt. Call	A1	2,742,818
3,390	California Statewide Community Development Authority, Revenue Bonds, Sutter Health, Series 2005A, 5.000%, 11/15/43	11/15 at 100.00	Aa3	3,147,818
1,525	Loma Linda, California, Hospital Revenue Bonds, Loma Linda University Medical Center, Series 2008A, 8.250%, 12/01/38	12/17 at 100.00	BBB	1,696,761
2,940	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2009, 6.750%, 11/01/39	11/19 at 100.00	Baa3	2,955,788
2,900	Palomar Pomerado Health Care District, California, Certificates of Participation, Series 2010, 6.000%, 11/01/41	11/20 at 100.00	Baa3	2,770,660
3,000	Santa Clara County Financing Authority, California, Insured Revenue Bonds, El Camino Hospital, Series 2007A, 5.750%, 2/01/41 – AMBAC Insured	8/17 at 100.00	A+	3,062,100
1,000	Sierra View Local Health Care District, California, Revenue Bonds, Series 2007, 5.250%, 7/01/37	9/17 at 100.00	N/R	917,010
1,730	West Contra Costa Healthcare District, California, Certificates of Participation, Series 2004, 5.375%, 7/01/21 – AMBAC Insured	7/14 at 100.00	A+	1,803,387
32,330	Total Health Care			31,897,045
	Housing/Multifamily – 2.1% (2.0% of Total Investments)			
1,040	California Municipal Finance Authority, Mobile Home Park Revenue Bonds, Caritas Projects Series 2010A, 6.400%, 8/15/45	8/20 at 100.00	BBB–	1,007,271
2,430	California Statewide Community Development Authority, Multifamily Housing Revenue Bonds, Harbor City Lights, Series 1999Y, 6.650%, 7/01/39 (Alternative Minimum Tax)	1/11 at 101.00	N/R	2,242,112
435	Riverside County, California, Subordinate Lien Mobile Home Park Revenue Bonds, Bravo Mobile Home Park Project, Series 1999B, 6.500%, 3/20/29	4/11 at 100.00	N/R	410,979
1,360	San Dimas Housing Authority, California, Mobile Home Park Revenue Bonds, Charter Oak Mobile Home Estates Acquisition Project, Series 1998A, 5.700%, 7/01/28	1/11 at 100.00	N/R	1,262,991

5,265	Total Housing/Multifamily			4,923,353
	Housing/Single Family – 2.4% (2.4% of Total Investments)			
250	California Housing Finance Agency, Home Mortgage Revenue Bonds, Series 2006H, 5.750%, 8/01/30 – FGIC Insured (Alternative Minimum Tax)	2/16 at 100.00	A	254,388
4,390	California Housing Finance Agency, Home Mortgage Revenue Bonds, Series 2006M, 4.700%, 8/01/36 (Alternative Minimum Tax)	2/16 at 100.00	A	3,622,189
2,125	California State Department of Veteran Affairs, Home Purchase Revenue Bonds, Series 2007, 5.000%, 12/01/42 (Alternative Minimum Tax)	12/16 at 100.00	AA	1,828,244
6,765	Total Housing/Single Family			5,704,821
	Industrials – 0.4% (0.4% of Total Investments)			
1,000	California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds, Waste Management Inc., Series 2002A, 5.000%, 1/01/22 (Alternative Minimum Tax)	1/16 at 102.00	BBB	995,750
	Long-Term Care – 4.6% (4.5% of Total Investments)			
	ABAG Finance Authority for Non-Profit Corporations, California, Cal-Mortgage Revenue Bonds, Elder Care Alliance of Union City, Series 2004:			
1,850	5.400%, 8/15/24	8/14 at 100.00	A–	1,848,058
2,130	5.600%, 8/15/34	8/14 at 100.00	A–	2,033,106
4,000	ABAG Finance Authority for Non-Profit Corporations, California, Health Facility Revenue Bonds, The Insitute on Aging, Series 2008A, 5.650%, 8/15/38	8/18 at 100.00	A–	3,832,400
2,000	California Statewide Community Development Authority, Certificates of Participation, Internext Group, Series 1999, 5.375%, 4/01/17	4/11 at 100.00	BBB	2,007,200
1,385	Riverside County Public Financing Authority, California, Certificates of Participation, Air Force Village West, Series 1999, 5.750%, 5/15/19	5/11 at 100.00	BB–	1,287,939
11,365	Total Long-Term Care			11,008,703
	Tax Obligation/General – 5.8% (5.7% of Total Investments)			
2,000	California State, General Obligation Bonds, Various Purpose Series 2010, 5.500%, 3/01/40	3/20 at 100.00	A1	2,006,280
500	California, General Obligation Bonds, Series 2004, 5.000%, 2/01/20	2/14 at 100.00	A1	527,655
1,000	California, General Obligation Bonds, Various Purpose Series 2009, 6.000%, 11/01/39	11/19 at 100.00	A1	1,049,550
1,500	Los Angeles Unified School District, California, General Obligation Bonds, Series 2006F, 5.000%, 7/01/24 – FGIC Insured	7/16 at 100.00	Aa2	1,555,365
2,000	Puerto Rico, General Obligation and Public Improvement Bonds, Series 2002A, 5.500%, 7/01/20 – NPFG Insured	No Opt. Call	A	2,132,600
270	Roseville Joint Union High School District, Placer County, California, General Obligation Bonds, Series 2006B, 5.000%, 8/01/27 – FGIC Insured	8/15 at 100.00	AA–	275,670

	Tahoe Forest Hospital District, Placer and Nevada Counties,	8/18 at		
1,120	California, General Obligation	100.00	Aa3	1,152,357
	Bonds, Series 2010B, 5.500%, 8/01/35			
	Yosemite Community College District, California, General	No Opt.		
20,860	Obligation Bonds, Capital	Call	Aa2	5,081,496
	Appreciation, Election 2004, Series 2010D, 0.000%, 8/01/42			
29,250	Total Tax Obligation/General			13,780,973
	Tax Obligation/Limited – 28.3% (28.1% of Total Investments)			
	Artesia Redevelopment Agency, California, Tax Allocation Revenue	6/15 at		
1,000	Bonds, Artesia Redevelopment	100.00	BBB+	921,330
	Project Area, Series 2007, 5.375%, 6/01/27			
	Bell Community Redevelopment Agency, California, Tax Allocation Bonds, Bell Project Area, Series 2003:			
		10/13 at		
3,000	5.500%, 10/01/23 – RAAI Insured	100.00	N/R	2,695,380
		10/13 at		
1,000	5.625%, 10/01/33 – RAAI Insured	100.00	N/R	836,830
	Calexico Community Redevelopment Agency, California, Tax	8/13 at		
2,400	Allocation Bonds, Merged Central	102.00	A–	2,245,968
	Business and Residential District Project, Series 2003C, 5.000%, 8/01/28 – AMBAC Insured			
	California State Public Works Board, Lease Revenue Bonds, Various	10/19 at		
1,000	Capital Projects, Series	100.00	A2	1,011,990
	2009G-1, 5.750%, 10/01/30			
	California State Public Works Board, Lease Revenue Bonds, Various	11/19 at		
2,000	Capital Projects, Series	100.00	A2	2,111,860
	2009I-1, 6.375%, 11/01/34			
	Capistrano Unified School District, Orange County, California,	9/15 at		
340	Special Tax Bonds, Community	100.00	A	328,651
	Facilities District, Series 2005, 5.000%, 9/01/24 – FGIC Insured			
	Chino Redevelopment Agency, California, Merged Chino	9/16 at		
1,005	Redevelopment Project Area Tax Allocation	101.00	A–	866,853
	Bonds, Series 2006, 5.000%, 9/01/38 – AMBAC Insured			
	Folsom Public Financing Authority, California, Special Tax Revenue	9/17 at		
1,000	Bonds, Refunding Series	100.00	N/R	959,830
	2007A, 5.000%, 9/01/23 – AMBAC Insured			
	Golden State Tobacco Securitization Corporation, California,	6/15 at		
16,610	Enhanced Tobacco Settlement	100.00	AA+	15,952,742
	Asset-Backed Revenue Bonds, Series 2005A, 5.000%, 6/01/35 – FGIC Insured			
	Irvine, California, Unified School District, Community Facilities District Special Tax Bonds, Series 2006A:			
		9/16 at		
150	5.000%, 9/01/26	100.00	N/R	136,260
		9/16 at		
355	5.125%, 9/01/36	100.00	N/R	311,548
	Kern County Board of Education, California, Certificates of	6/16 at		
2,500	Participation, Series 2006A,	100.00	A	2,417,525
	5.000%, 6/01/31 – NPFG Insured			

615	Los Angeles Community Redevelopment Agency, California, Lease Revenue Bonds, Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 – AMBAC Insured	9/15 at 100.00	A1	532,424
2,750	Los Angeles County Schools, California, Certificates of Participation, Pooled Financing Program, Regionalized Business Services Corporation, Series 2003A, 5.000%, 9/01/28 – AGM Insured	9/13 at 100.00	AA+	2,762,073
2,290	Milpitas, California, Local Improvement District 20 Limited Obligation Bonds, Series 1998A, 5.650%, 9/02/13	3/11 at 103.00	N/R	2,367,677
	Modesto Schools Infrastructure Financing Agency, Stanislaus County, California, Special Tax Revenue Bonds, Series 2004:			
1,045	5.250%, 9/01/22 – AMBAC Insured	9/14 at 100.00	N/R	1,017,046
1,145	5.250%, 9/01/23 – AMBAC Insured	9/14 at 100.00	N/R	1,092,857
1,255	5.250%, 9/01/24 – AMBAC Insured	9/14 at 100.00	N/R	1,179,324
420	Oakland Redevelopment Agency, California, Subordinate Lien Tax Allocation Bonds, Central District Redevelopment Project, Series 2003, 5.500%, 9/01/18 – FGIC Insured	3/13 at 100.00	A	431,819
8,000	Palmdale Elementary School District, Los Angeles County, California, Special Tax Bonds, Community Facilities District 90-1, Series 1999, 5.800%, 8/01/29 – AGM Insured	2/11 at 100.00	AA+	8,043,840
290	Rialto Redevelopment Agency, California, Tax Allocation Bonds, Merged Project Area, Series 2005A, 5.000%, 9/01/35 – SYNCORA GTY Insured	9/15 at 100.00	A–	252,660
5,000	Riverside County Redevelopment Agency, California, Tax Allocation Housing Bonds, Series 2004A, 5.000%, 10/01/37 – SYNCORA GTY Insured	10/14 at 100.00	A2	4,327,850
360	Roseville, California, Certificates of Participation, Public Facilities, Series 2003A, 5.000%, 8/01/25 – AMBAC Insured	8/13 at 100.00	AA–	357,206
3,130	San Francisco Redevelopment Agency, California, Lease Revenue Bonds, Moscone Convention Center, Series 2004, 5.250%, 7/01/23 – AMBAC Insured	7/11 at 102.00	AA–	3,256,640
2,750	San Jose Financing Authority, California, Lease Revenue Refunding Bonds, Convention Center Project, Series 2001F, 5.000%, 9/01/20 – NPFG Insured	9/11 at 100.00	AA+	2,821,638
625	San Mateo Union High School District, San Mateo County, California, Certificates of Participation, Phase 1, Series 2007A, 5.000%, 12/15/30 – AMBAC Insured	12/17 at 100.00	AA–	581,938
380	Shafter Joint Powers Financing Authority, California, Lease Revenue Bonds, Community Correctional Facility Acquisition Project, Series 1997A, 5.950%, 1/01/11	No Opt. Call	A2	381,292

1,000	Simi Valley, California, Certificates of Participation, Series 2004, 5.000%, 9/01/24 – AMBAC Insured	9/14 at 100.00	A+	1,016,160
1,475	Tehachapi Redevelopment Agency, California, Tax Allocation Bonds, Series 2007, 5.250%, 12/01/37 – RAAI Insured	No Opt. Call	BBB	1,228,764
1,925	Travis Unified School District, Solano County, California, Certificates of Participation, Series 2006, 5.000%, 9/01/26 – FGIC Insured	9/16 at 100.00	N/R	1,758,834
2,500	Ventura County Superintendent of Schools, California, Certificates Participation, Series 2003, 5.000%, 12/01/27 – AMBAC Insured	12/11 at 100.00	AA–	2,529,375
1,040	Vista Joint Powers Financing Authority, California, Special Tax Lease Revenue Refunding Bonds, Community Facilities District 90-2, Series 1997A, 5.875%, 9/01/20	3/11 at 100.00	N/R	1,003,642
70,355	Total Tax Obligation/Limited			67,739,826
	Transportation – 4.4% (4.4% of Total Investments)			
2,500	Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, Series 2006F, 5.000%, 4/01/31 (UB)	4/16 at 100.00	AA	2,528,400
5,500	Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Refunding Bonds, Series 1999, 5.875%, 1/15/27	1/14 at 101.00	BBB–	5,395,775
1,250	Fresno, California, Airport Revenue Bonds, Series 2000A, 5.500%, 7/01/30 – AGM Insured	1/11 at 101.00	AA+	1,252,613
215	Palm Springs Financing Authority, California, Palm Springs International Airport Revenue Bonds, Series 2006, 5.550%, 7/01/28 (Alternative Minimum Tax)	7/14 at 102.00	N/R	190,352
1,245	San Francisco Airports Commission, California, Revenue Bonds, San Francisco International Airport, Second Series 1999, Issue 23A, 5.000%, 5/01/30 – FGIC Insured (Alternative Minimum Tax)	5/11 at 100.00	A1	1,159,282
10,710	Total Transportation			10,526,422
	U.S. Guaranteed – 20.0% (19.8% of Total Investments) (4)			
5,010	Burbank Redevelopment Agency, California, Tax Allocation Bonds, Golden State Redevelopment Project, Series 2003, 5.750%, 12/01/33 (Pre-refunded 12/01/13) – FGIC Insured	12/13 at 100.00	N/R (4)	5,697,522
2,015	California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Sonoma County Tobacco Funding Corporation, Series 2002B, 5.500%, 6/01/30 (Pre-refunded 6/01/12)	6/12 at 100.00	N/R (4)	2,112,123
3,300	California Department of Water Resources, Power Supply Revenue Bonds, Series 2002A, 5.125%, 5/01/18 (Pre-refunded 5/01/12)	5/12 at 101.00	Aaa	3,549,942
2,845	California, General Obligation Bonds, Series 2004, 5.250%, 4/01/34 (Pre-refunded 4/01/14)	4/14 at 100.00	AAA	3,245,747
2,065	Contra Costa County, California, GNMA Mortgage-Backed Securities Program Home Mortgage Revenue	No Opt. Call	AAA	2,793,986

	Bonds, Series 1988, 8.250%, 6/01/21 (Alternative Minimum Tax) (ETM)			
1,850	Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2003A-1, 6.250%, 6/01/33 (Pre-refunded 6/01/13)	6/13 at 100.00	AAA	2,031,245
5,000	Orange County Sanitation District, California, Certificates of Participation, Series 2003, 5.250%, 2/01/27 (Pre-refunded 8/01/13) – FGIC Insured	8/13 at 100.00	AAA	5,605,100
8,565	Palmdale, California, GNMA Mortgage-Backed Securities Program Single Family Mortgage Revenue Bonds, Series 1988A, 0.000%, 3/01/17 (ETM)	No Opt. Call	AAA	7,392,623
3,300	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2002D, 5.375%, 7/01/36 (Pre-refunded 7/01/12)	7/12 at 100.00	AAA	3,540,438
20,415	San Bernardino County, California, GNMA Mortgage-Backed Securities Program Single Family Home Mortgage Revenue Bonds, Series 1988A, 0.000%, 9/01/21 (Alternative Minimum Tax) (ETM)	No Opt. Call	AAA	11,833,963
54,365	Total U.S. Guaranteed			47,802,689
	Utilities – 7.4% (7.4% of Total Investments)			
2,445	California Statewide Community Development Authority, Certificates of Participation Refunding, Rio Bravo Fresno Project, Series 1999A, 6.500%, 12/01/18 (5)	12/10 at 100.00	N/R	2,212,774
1,800	Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue Bonds, Series 2007A, 5.500%, 11/15/37	No Opt. Call	A	1,772,604
21,500	Merced Irrigation District, California, Certificates of Participation, Water and Hydroelectric Series 2008B, 0.000%, 9/01/23	9/16 at 64.56	A	9,790,670
605	Merced Irrigation District, California, Electric System Revenue Bonds, Series 2005, 5.125%, 9/01/31 – SYNCORA GTY Insured	9/15 at 100.00	N/R	523,246
3,470	Puerto Rico Industrial, Tourist, Educational, Medical and Environmental Control Facilities Financing Authority, Co-Generation Facility Revenue Bonds, Series 2000A, 6.625%, 6/01/26 (Alternative Minimum Tax)	12/10 at 101.00	Baa3	3,483,221
29,820	Total Utilities			17,782,515
	Water and Sewer – 7.9% (7.8% of Total Investments)			
1,480	California Department of Water Resources, Water System Revenue Bonds, Central Valley Project, Series 2005AD, 5.000%, 12/01/22 – AGM Insured	6/15 at 100.00	AAA	1,589,727
1,500	Castaic Lake Water Agency, California, Certificates of Participation, Series 2006C, 5.000%, 8/01/36 – NPFG Insured	8/16 at 100.00	AA–	1,453,515
410	Healdsburg Public Financing Authority, California, Wastewater Revenue Bonds, Series 2006, 5.000%, 4/01/36 – NPFG Insured	4/16 at 100.00	AA–	401,890
500	Los Angeles County Sanitation Districts Financing Authority, California, Senior Revenue Bonds, Capital Projects, Series 2003A, 5.000%, 10/01/23 – AGM Insured	10/13 at 100.00	AA+	536,175

5,000	Los Angeles Department of Water and Power, California, Waterworks Revenue Bonds, Series 2007A-2, 5.000%, 7/01/44 – AMBAC Insured	7/17 at 100.00	AA	4,979,600
	Madera Irrigation District. California, Water Revenue Refunding Bonds, Series 2008:			
1,850	5.500%, 1/01/33	1/18 at 100.00	A–	1,873,162
3,000	5.500%, 1/01/38	1/18 at 100.00	A–	3,035,790
1,580	San Diego County Water Authority, California, Water Revenue Refunding Certificates of Participation, Series 2002A, 5.000%, 5/01/26 – NPFG Insured	5/12 at 101.00	AA+	1,620,464
3,500	Woodbridge Irrigation District, California, Certificates of Participation, Water Systems Project, Series 2003, 5.625%, 7/01/43	7/13 at 100.00	A+	3,385,754
18,820	Total Water and Sewer			18,876,077
$ 285,345	Total Investments (cost $238,818,961) – 101.0%			241,361,619
	Floating Rate Obligations – (1.9)%			(4,490,000)
	Other Assets Less Liabilities – 0.9%			1,994,101
	Net Assets Applicable to Common Shares – 100%			$ 238,865,720

Fair Value Measurements

In determining the fair value of the Fund’s investments, various inputs are used. These inputs are 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 November 30, 2010:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	$ —	$241,361,619	$ —	$241,361,619

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 November 30, 2010, the cost of investments was $234,354,797.

Gross unrealized appreciation and gross unrealized depreciation of investments at November 30, 2010, were as follows:

Gross unrealized:

Appreciation	$ 10,799,649	
Depreciation		(8,281,960)
Net unrealized appreciation (depreciation) of investments		$ 2,517,689

(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 Investor 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) 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. Such investments are normally considered to be equivalent to AAA rated securities.

(5) This debt has been restructured to accommodate capital maintenance at the facility. Major highlights of the debt restructuring include the following: (1) the principal balance outstanding on and after December 1,
2007, shall accrue interest at a rate of 6.500% per annum commencing December 1, 2007; (2) the interest shall accrue but not be payable on June 1, 2008 or December 1, 2008, but shall instead be deferred and paid by the end of calendar year 2011; (3) no principal component shall be pre-payable from the Minimum
Sinking Fund Account during calendar years 2008 and 2009 but such pre-payments shall recommence beginning in calendar year 2010 according to a revised schedule. Management believes that the restructuring is in the best interest of Fund shareholders and that it is more-likely-than-not that the borrower will fulfill its obligation. Consequently, the Fund continues to accrue interest on this obligation.

N/R Not rated.

(ETM) Escrowed to maturity.

(UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.

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 California Municipal Value Fund, Inc.

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

Date January 27, 2011

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 January 27, 2011

By (Signature and Title) /s/ Stephen D. Foy
Stephen D. Foy
Vice President and Controller (principal financial officer)

Date January 27, 2011