

NUVEEN CALIFORNIA SELECT TAX FREE INCOME PORTFOLIO

Form N-Q

August 27, 2010

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 811-6623

Nuveen California Select Tax-Free Income Portfolio
(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: 3/31

Date of reporting period: 6/30/10

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 Select Tax-Free Income Portfolio (NXC)

June 30, 2010

| Principal Amount (000) | Description (1) | C P |
|---------------------------|---|--------|
| | Consumer Staples – 4.1% | |
| \$ 155 | California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Sonoma County Tobacco Securitization Corporation, Series 2005, 4.250%, 6/01/21 | 6/ |
| 1,080 | California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Revenue Bonds, Fresno County Tobacco Funding Corporation, Series 2002, 5.625%, 6/01/23 | 6/ |
| 4,045 | Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed Bonds, Series 2007A-2, 0.000%, 6/01/37 | 6/ |
| 5,280 | Total Consumer Staples | |
| | Education and Civic Organizations – 9.5% | |
| 3,000 | California Educational Facilities Authority, Revenue Bonds, Santa Clara University, Series 2008A, 5.625%, 4/01/37 | 4/ |
| 45 | California Educational Facilities Authority, Revenue Bonds, University of Redlands, Series 2005A, 5.000%, 10/01/35 | 10/ |
| 1,000 | California Educational Facilities Authority, Revenue Bonds, University of San Diego, Series 2002A, 5.500%, 10/01/32 | 10/ |
| | California Educational Facilities Authority, Revenue Bonds, University of the Pacific, Series 2006: | |
| 35 | 5.000%, 11/01/21 | 11/ |
| 45 | 5.000%, 11/01/25 | 11/ |
| 3,000 | California Infrastructure Economic Development Bank, Revenue Bonds, J. David Gladstone Institutes, Series 2001, 5.500%, 10/01/19 | 10/ |
| 1,000 | Long Beach Bond Financing Authority, California, Lease Revenue Refunding Bonds, Long Beach Aquarium of the South Pacific, Series 2001, 5.250%, 11/01/30 – AMBAC Insured | 11/ |
| 8,125 | Total Education and Civic Organizations | |
| | Health Care – 12.2% | |
| 110 | California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanente System, Series 2006, 5.000%, 4/01/37 | 4/ |
| 2,550 | California Health Facilities Financing Authority, Revenue Bonds, Sutter Health, Series 2007, 5.250%, 11/15/46 (UB) | 11/ |
| 2,000 | California Infrastructure Economic Development Bank, Revenue Bonds, Kaiser Hospital Assistance LLC, Series 2001A, 5.550%, 8/01/31 | 8/ |
| 1,500 | California Statewide Community Development Authority, Hospital Revenue Bonds, Monterey Peninsula Hospital, Series 2003B, 5.250%, 6/01/18 – AGM Insured | 6/ |
| 1,500 | California Statewide Community Development Authority, Insured Mortgage Hospital Revenue Bonds, Mission Community Hospital, Series 2001, 5.375%, 11/01/26 | 11/ |

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| | | |
|--------|--|-----|
| 545 | California Statewide Community Development Authority, Revenue Bonds, Kaiser Permanente System, Series 2001C, 5.250%, 8/01/31 | 8/ |
| 1,880 | California Statewide Community Development Authority, Revenue Bonds, Los Angeles Orthopaedic Hospital Foundation, Series 2000, 5.500%, 6/01/17 – AMBAC Insured | 12/ |
| 540 | Loma Linda, California, Hospital Revenue Bonds, Loma Linda University Medical Center, Series 2008A, 8.250%, 12/01/38 | 12/ |
| 10,625 | Total Health Care Housing/Multifamily – 0.9% | |
| 750 | California Statewide Community Development Authority, Student Housing Revenue Bonds, EAH – Irvine East Campus Apartments, LLC Project, Series 2002A, 5.500%, 8/01/22 – ACA Insured Housing/Single Family – 0.1% | 8/ |
| 95 | California Housing Finance Agency, Home Mortgage Revenue Bonds, Series 2006H, 5.750%, 8/01/30 – FGIC Insured (Alternative Minimum Tax) Industrials – 1.8% | 2/ |
| 1,015 | California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds, Republic Services Inc., Series 2002C, 5.250%, 6/01/23 (Mandatory put 12/01/17) (Alternative Minimum Tax) | M |
| 500 | California Pollution Control Financing Authority, Solid Waste Disposal Revenue Bonds, Waste Management Inc., Series 2002A, 5.000%, 1/01/22 (Alternative Minimum Tax) | 1/ |
| 1,515 | Total Industrials Long-Term Care – 2.7% | |
| 1,500 | ABAG Finance Authority for Non-Profit Corporations, California, Insured Senior Living Revenue Bonds, Odd Fellows Home of California, Series 2003A, 5.200%, 11/15/22 | 11/ |
| 1,000 | California Statewide Communities Development Authority, Revenue Bonds, Inland Regional Center Project, Series 2007, 5.250%, 12/01/27 | 12/ |
| 2,500 | Total Long-Term Care Tax Obligation/General – 24.0% | |
| 750 | California, General Obligation Bonds, Series 2004, 5.000%, 2/01/23 | 2/ |
| 1,650 | California, General Obligation Bonds, Various Purpose Series 2009, 5.500%, 11/01/39 | 11/ |
| 1,000 | Fremont Unified School District, Alameda County, California, General Obligation Bonds, Series 2002A, 5.000%, 8/01/21 – FGIC Insured Golden West Schools Financing Authority, California, General Obligation Revenue Refunding Bonds, School District Program, Series 1999A: | 8/ |
| 4,650 | 0.000%, 8/01/16 – NPFG Insured | M |
| 1,750 | 0.000%, 2/01/17 – NPFG Insured | M |
| 2,375 | 0.000%, 8/01/17 – NPFG Insured | M |
| 2,345 | 0.000%, 2/01/18 – NPFG Insured Mountain View-Los Altos Union High School District, Santa Clara County, California, General Obligation Capital Appreciation Bonds, Series 1995C: | M |
| 1,015 | 0.000%, 5/01/17 – NPFG Insured | M |
| 1,080 | 0.000%, 5/01/18 – NPFG Insured | M |
| 100 | Roseville Joint Union High School District, Placer County, California, General Obligation | 8/ |

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|--------|---|-----|
| | Bonds, Series 2006B, 5.000%, 8/01/27 – FGIC Insured | |
| 3,220 | Sacramento City Unified School District, Sacramento County, California, General Obligation Bonds, Series 2005, 5.000%, 7/01/27 – NPMG Insured | 7/ |
| 1,500 | San Diego Unified School District, San Diego County, California, General Obligation Bonds, Series 2003E, 5.250%, 7/01/24 – AGM Insured | 7/ |
| 2,565 | Sunnyvale School District, Santa Clara County, California, General Obligation Bonds, Series 2005A, 5.000%, 9/01/26 – AGM Insured | 9/ |
| 24,000 | Total Tax Obligation/General Tax Obligation/Limited – 18.8% | |
| 1,000 | Bell Community Redevelopment Agency, California, Tax Allocation Bonds, Bell Project Area, Series 2003, 5.625%, 10/01/33 – RAAI Insured | 10/ |
| 3,500 | California State Public Works Board, Lease Revenue Bonds, Department of Corrections, Calipatria State Prison, Series 1991A, 6.500%, 9/01/17 – NPMG Insured | N |
| 1,000 | California State Public Works Board, Lease Revenue Bonds, Department of Mental Health, Coalinga State Hospital, Series 2004A, 5.500%, 6/01/23 | 6/ |
| 1,500 | California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Series 2009I-1, 6.375%, 11/01/34 | 11/ |
| 120 | Capistrano Unified School District, Orange County, California, Special Tax Bonds, Community Facilities District, Series 2005, 5.000%, 9/01/24 – FGIC Insured | 9/ |
| 360 | Chino Redevelopment Agency, California, Merged Chino Redevelopment Project Area Tax Allocation Bonds, Series 2006, 5.000%, 9/01/38 – AMBAC Insured | 9/ |
| 1,000 | Fontana Public Financing Authority, California, Tax Allocation Revenue Bonds, North Fontana Redevelopment Project, Series 2005A, 5.000%, 10/01/32 – AMBAC Insured | 10/ |
| | Irvine, California, Unified School District, Community Facilities District Special Tax Bonds, Series 2006A: | |
| 55 | 5.000%, 9/01/26 | 9/ |
| 130 | 5.125%, 9/01/36 | 9/ |
| 215 | Los Angeles Community Redevelopment Agency, California, Lease Revenue Bonds, Manchester Social Services Project, Series 2005, 5.000%, 9/01/37 – AMBAC Insured | 9/ |
| 1,300 | Orange County, California, Special Tax Bonds, Community Facilities District 03-1 of Ladera Ranch, Series 2004A, 5.625%, 8/15/34 | 8/ |
| 105 | Rialto Redevelopment Agency, California, Tax Allocation Bonds, Merged Project Area, Series 2005A, 5.000%, 9/01/35 – SYNCORA GTY Insured | 9/ |
| 130 | Roseville, California, Certificates of Participation, Public Facilities, Series 2003A, 5.000%, 8/01/25 – AMBAC Insured | 8/ |
| 605 | Sacramento City Financing Authority, California, Lease Revenue Refunding Bonds, Series 1993A, 5.400%, 11/01/20 – NPMG Insured | N |
| 3,000 | San Mateo County Transit District, California, Sales Tax Revenue Bonds, Series 2005A, 5.000%, 6/01/21 – NPMG Insured | 6/ |
| 225 | 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/ |

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| 1,000 | Santa Clara County Board of Education, California, Certificates of Participation, Series 2002, 5.000%, 4/01/25 – NPMG Insured | 4/ |
| 1,000 | Travis Unified School District, Solano County, California, Certificates of Participation, Series 2006, 5.000%, 9/01/26 – FGIC Insured | 9/ |
| 16,245 | Total Tax Obligation/Limited Transportation – 5.7% | |
| 1,150 | Foothill/Eastern Transportation Corridor Agency, California, Toll Road Revenue Bonds, Series 1995A, 5.000%, 1/01/35 | 7/ |
| 3,500 | Los Angeles Harbors Department, California, Revenue Refunding Bonds, Series 2001B, 5.500%, 8/01/17 – AMBAC Insured (Alternative Minimum Tax) | 8/ |
| 445 | 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/ |
| 5,095 | Total Transportation U.S. Guaranteed – 12.9% (4) | |
| 400 | Beverly Hills Unified School District, Los Angeles County, California, General Obligation Bonds, Series 2002A, 5.000%, 8/01/26 (Pre-refunded 8/01/12) California Department of Water Resources, Power Supply Revenue Bonds, Series 2002A: | 8/ |
| 1,750 | 5.750%, 5/01/17 (Pre-refunded 5/01/12) | 5/ |
| 2,000 | 5.125%, 5/01/19 (Pre-refunded 5/01/12) | 5/ |
| 2,400 | California Educational Facilities Authority, Revenue Bonds, University of the Pacific, Series 2002, 5.250%, 11/01/21 (Pre-refunded 11/01/11) | 11/ |
| 800 | California, General Obligation Bonds, Series 2004, 5.125%, 2/01/27 (Pre-refunded 2/01/14) | 2/ |
| 2,000 | North Orange County Community College District, California, General Obligation Bonds, Series 2002A, 5.000%, 8/01/22 (Pre-refunded 8/01/12) – NPMG Insured | 8/ |
| 1,000 | Port of Oakland, California, Revenue Bonds, Series 2002M, 5.250%, 11/01/20 (Pre-refunded 11/01/12) – FGIC Insured | 11/ |
| 10,350 | Total U.S. Guaranteed Utilities – 5.7% | |
| 645 | Long Beach Bond Finance Authority, California, Natural Gas Purchase Revenue Bonds, Series 2007A, 5.500%, 11/15/37 | N |
| 200 | Los Angeles Department of Water and Power, California, Power System Revenue Bonds, Series 2003A-2, 5.000%, 7/01/21 – NPMG Insured | 7/ |
| 7,600 | Merced Irrigation District, California, Certificates of Participation, Water and Hydroelectric Series 2008B, 0.000%, 9/01/23 | 9 |
| 215 | Merced Irrigation District, California, Electric System Revenue Bonds, Series 2005, 5.125%, 9/01/31 – SYNCORA GTY Insured | 9/ |
| 535 | Turlock Irrigation District, California, Revenue Refunding Bonds, Series 1992A, 6.250%, 1/01/12 – NPMG Insured | N |
| 9,195 | Total Utilities Water and Sewer – 2.5% | |
| 150 | Healdsburg Public Financing Authority, California, Wastewater Revenue Bonds, Series 2006, | 4/ |

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| | | |
|-----------|---|----|
| | 5.000%, 4/01/36 – NPMG Insured | |
| 250 | Sacramento County Sanitation District Financing Authority, California, Revenue Bonds, Series 2006, 5.000%, 12/01/31 – FGIC Insured | 6/ |
| 825 | South Feather Water and Power Agency, California, Water Revenue Certificates of Participation, Solar Photovoltaic Project, Series 2003, 5.375%, 4/01/24 | 4/ |
| 1,000 | Woodbridge Irrigation District, California, Certificates of Participation, Water Systems Project, Series 2003, 5.625%, 7/01/43 | 7/ |
| 2,225 | Total Water and Sewer | |
| \$ 96,000 | Total Investments (cost \$87,495,557) – 100.9% | |
| | Floating Rate Obligations – (1.7)% | |
| | Other Assets Less Liabilities – 0.8% | |
| | Net Assets – 100% | |

Fair Value Measurements

In determining the 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 June 30, 2010:

| | Level 1 | Level 2 | Level 3 | Total |
|-----------------|---------|--------------|---------|--------------|
| Investments: | | | | |
| Municipal Bonds | \$ — | \$88,871,066 | \$ — | \$88,871,066 |

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 June 30, 2010, the cost of investments was \$85,949,230.

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

Gross unrealized:

| | |
|---|--------------|
| Appreciation | \$ 3,406,673 |
| Depreciation | (2,028,886) |
| Net unrealized appreciation (depreciation) of investments | \$ 1,377,787 |

- (1) All percentages shown in the Portfolio of Investments are based on net assets.
- (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.
- (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.

N/R Not rated.

(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 Select Tax-Free Income Portfolio

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

Date August 27, 2010

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 August 27, 2010

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

Date August 27, 2010