NUVEEN SELECT TAX FREE INCOME PORTFOLIO 3 Form N-Q August 29, 2014

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-O

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-06693

Nuveen Select Tax-Free Income Portfolio 3 (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: 6/30/14

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 Select Tax-Free Income Portfolio 3 (NXR) June 30, 2014

	Optional		
Description (1)		D -4: (2)	X 7 - 1
	(2)	Ratings (3)	Value
	0/14 -4		
<u>-</u>		D2 ¢	2 100 202
•	100.00	B2 \$	5 2,180,393
	No Ont		
- · · · · · · · · · · · · · · · · · · ·	_	A A	4 172 125
	Can	AA	4,173,125
	12/19 of		
· · · · · · · · · · · · · · · · · · ·		DD	857,130
·	100.00	DD-	657,130
· · · · · · · · · · · · · · · · · · ·			
	6/1 5 of		
· · · · · · · · · · · · · · · · · · ·		R	1,047,353
·	100.00	D –	1,047,333
•			
	4/16 at		
		Α+	2,662,262
	100.00	7 1 1	2,002,202
	8/19 at		
· · · · · · · · · · · · · · · · · · ·		Aa2	1,066,683
•	100.00	1142	1,000,000
· ·	9/14 at		
		BBB	273,609
			_,,,,,,
	No Opt.		
	_	AA-	1,203,134
10/01/28 – NPFG Insured			
Golden State Tobacco Securitization Corporation, California,	No Opt.		
Enhanced Tobacco Settlement	Call	A1	1,741,240
Asset-Backed Revenue Bonds, Series 2005A, 0.000%, 6/01/28 –			
AMBAC Insured			
Golden State Tobacco Securitization Corporation, California,			
Tobacco Settlement Asset-Backed			
	School Facilities Improvement District 4, Series 2007A, 0.000%, 10/01/28 – NPFG Insured Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Series 2005A, 0.000%, 6/01/28 – AMBAC Insured Golden State Tobacco Securitization Corporation, California,	Description (1) (2) LONG-TERM INVESTMENTS – 97.9% MUNICIPAL BONDS – 97.9% Alaska – 1.1% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed Bonds, Series 2006A, 5.000%, 6/01/32 California – 18.8% Anaheim Public Financing Authority, California, Subordinate Lease Revenue Bonds, Public Improvement Project, Series 1997C, 0.000%, 9/01/35 – AGM Insured California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Los Angeles County Securitization Corporation, Series 2006A, 5.600%, 6/01/36 California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed Bonds, Los Settlement Asset-Backed Bonds, Los Settlement Asset-Backed Bonds, Los Sonoma County Tobacco Securitization Corporation, Series 2006, 5.600%, 6/01/26 California Health Facilities Financing Authority, Revenue Bonds, Kaiser Permanante System, Series 2006, 5.000%, 4/01/37 California Statewide Community Development Authority, Revenue Bonds, Methodist Hospital Project, Series 2009, 6.750%, 2/01/38 California Statewide Financing Authority, Tobacco Settlement Asset-Backed Bonds, Pooled Tobacco Securitization Program, Series 2002A, 5.625%, 5/01/29 Folsom Cordova Unified School District, Sacramento County, California, General Obligation Bonds, School Facilities Improvement District 4, Series 2007A, 0.000%, 10/01/28 – NPFG Insured Golden State Tobacco Securitization Corporation, California, Enhanced Tobacco Securitization Corporation, California, Call Asset-Backed Revenue Bonds, Series 2005A, 0.000%, 6/01/28 – AMBAC Insured Golden State Tobacco Securitization Corporation, California, Call	Description (1)

Bonds, Series 2007A-1:

	,	6/17 at		
750	4.500%, 6/01/27	100.00	В	668,460
		6/17 at		
2,090	5.000%, 6/01/33	100.00	В	1,692,775
	Kern Community College District, California, General Obligation	No Opt.		
4,055	Bonds, Series 2003A, 0.000%,	Call	Aa2	2,312,850
	3/01/28 – FGIC Insured			
	Mount San Antonio Community College District, Los Angeles	8/35 at		
1,160	County, California, General	100.00	AA	670,190
	Obligation Bonds, Election of 2008, Series 2013A, 0.000%,			
	8/01/43			
	Norwalk La Mirada Unified School District, Los Angeles County,	No Opt.		
11,985	California, General Obligation	Call	AA	5,378,149
	Bonds, Election of 2002, Series 2007C, 0.000%, 8/01/32 – AGM			
	Insured			
	Palomar Pomerado Health, California, General Obligation Bonds,	No Opt.		
3,000	Election of 2004, Series 2007A,	Call	AA-	1,933,740
	0.000%, 8/01/25 – NPFG Insured			
	Placentia-Yorba Linda Unified School District, Orange County,	No Opt.		
8,040	California, Certificates of	Call	AA-	2,916,590
	Participation, Series 2006, 0.000%, 10/01/34 – FGIC Insured			
	Placer Union High School District, Placer County, California,	No Opt.		
1,500	General Obligation Bonds, Series	Call	AA	652,020
	2004C, 0.000%, 8/01/32 – AGM Insured			
	Poway Unified School District, San Diego County, California,	No Opt.		
8,000	General Obligation Bonds, School	Call	Aa2	3,589,920
	Facilities Improvement District 2007-1, Series 2009A, 0.000%,			
	8/01/32			
	Rancho Mirage Redevelopment Agency, California, Tax Allocation	No Opt.		
3,940	Bonds, Combined Whitewater	Call	AA-	1,363,240
	and 1984 Project Areas, Series 2003A, 0.000%, 4/01/35 – NPFG			
	Insured			
	Riverside Public Financing Authority, California, Tax Allocation	8/17 at		
1,030	Bonds, University Corridor,	100.00	AA-	1,046,130
	Series 2007C, 5.000%, 8/01/37 – NPFG Insured			
	San Jose, California, Airport Revenue Bonds, Series 2004D,	9/14 at		
1,250	5.000%, 3/01/28 – NPFG Insured	100.00		1,254,125
70,445	Total California		-	36,502,725
	Colorado – 5.2%			
	Arkansas River Power Authority, Colorado, Power Revenue Bonds,	10/16 at		
1,540	Series 2006, 5.250%, 10/01/40 –	100.00	BBB-	1,549,117
	SYNCORA GTY Insured			
	Colorado Health Facilities Authority, Colorado, Revenue Bonds,	1/20 at		
2,000	Sisters of Charity of	100.00	AA–	2,112,580
	Leavenworth Health Services Corporation, Series 2010A, 5.000%,			
	1/01/40	5.41.5		
1 000	Colorado Health Facilities Authority, Colorado, Revenue Bonds,	5/17 at	DDD	1 000 040
1,000	Valley View Hospital	100.00	BBB+	1,022,940
1.025	Association, Series 2007, 5.250%, 5/15/42			2.106.267
1,935			A	2,106,267

	Denver City and County, Colorado, Airport System Revenue Bonds, Subordinate Lien Series 2013B, 5.000%, 11/15/43	11/23 at 100.00		
1,295	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 2000B, 0.000%,	No Opt. Call	AA-	554,817
,	9/01/32 – NPFG Insured			,
5,520	E-470 Public Highway Authority, Colorado, Toll Revenue Bonds, Series 2004B, 0.000%, 9/01/28 – NPFG Insured	9/20 at 63.98	AA-	2,710,044
13,290	Total Colorado			10,055,765
	District of Columbia – 0.1% District of Columbia Tobacco Settlement Corporation, Tobacco	11/14 at		
185	Settlement Asset-Backed Bonds, Series 2001, 6.250%, 5/15/24 Florida – 0.5%	100.00	A1	184,943
	Hillsborough County Industrial Development Authority, Florida,	10/16 at		
1,000	Hospital Revenue Bonds, Tampa General Hospital, Series 2006, 5.250%, 10/01/41	100.00	A3	1,025,740
	Illinois – 14.2%			
	Chicago Board of Education, Illinois, General Obligation Bonds,	No Opt.		
3,500	Series 1999A, 0.000%, 12/01/28 – FGIC Insured	Call	AA–	1,739,010
	Chicago, Illinois, General Obligation Bonds, Project & Refunding	1/16 at		
2,000	Series 2006A, 4.625%, 1/01/31 –	100.00	AA	2,008,920
	AGM Insured Illinois Finance Authority, Revenue Bonds, Loyola University of	No Ont		
1,050	Chicago, Tender Option Bond	No Opt. Call	AA+	1,216,142
	Trust 1137, 9.406%, 7/01/15 (IF)			
260	Illinois Finance Authority, Revenue Bonds, Rehabilitation Institute	7/23 at 100.00	Δ.	290 210
260	of Chicago, Series 2013A, 6.000%, 7/01/43	100.00	A–	289,219
	Illinois Finance Authority, Revenue Bonds, Resurrection Health	5/18 at		
1,600	Care System, Series 1999B,	100.00	AA	1,713,632
	5.000%, 5/15/24 – AGM Insured Illinois Finance Authority, Revenue Bonds, YMCA of Southwest	9/15 at		
2,185	Illinois, Series 2005, 5.000%,	100.00	Aa3	2,074,920
	9/01/31 – RAAI Insured	0.410		
1,500	Illinois Finance Authority, Revenue Refunding Bonds, Silver Cross Hospital and Medical	8/18 at 100.00	BBB+	1,562,685
1,500	Centers, Series 2008A, 5.500%, 8/15/30	100.00	БББ⊤	1,302,003
	Illinois Finance Authority, Student Housing Revenue Bonds,	11/16 at		
750	Educational Advancement Fund Inc.,	100.00	BBB+	764,693
	University Center Project, Series 2006B, 5.000%, 5/01/25 Illinois Health Facilities Authority, Revenue Bonds, Evangelical	No Opt.		
1,500	Hospitals Corporation, Series	Call	N/R(4)	1,865,160
	1992C, 6.250%, 4/15/22 (ETM)	246		
1,570	Illinois Housing Development Authority, Homeowner Mortgage Revenue Bonds, Series 2006C2,	2/16 at 100.00	AA	1,598,448
1,570	5.050%, 8/01/27 (Alternative Minimum Tax)	100.00	АА	1,270,770
	Illinois State, General Obligation Bonds, Refunding Series 2012,	No Opt.		
2,190	5.000%, 8/01/23	Call	A–	2,452,187

1,000	Kankakee & Will Counties Community Unit School District 5, Illinois, General Obligation Bonds, Series 2006, 0.000%, 5/01/23 – AGM Insured Metropolitan Pier and Exposition Authority, Illinois, Revenue Bonds, McCormick Place Expansion Project, Series 2002A:	No Opt. Call	Aa3	741,110
2,500	0.000%, 12/15/30 – NPFG Insured	No Opt. Call No Opt.	AAA	1,198,000
4,775	0.000%, 12/15/31 – NPFG Insured	Call No Opt.	AAA	2,158,491
5,000	0.000%, 12/15/36 – NPFG Insured	Call No Opt.	AAA	1,671,100
2,000	0.000%, 6/15/37 – NPFG Insured Schaumburg, Illinois, General Obligation Bonds, Series 2004B,	Call 12/14 at	AAA	630,780
1,300	5.250%, 12/01/34 (Pre-refunded 12/01/14) – FGIC Insured	100.00	AAA	1,327,989
2,000	Springfield, Illinois, Electric Revenue Bonds, Senior Lien Series 2007, 5.000%, 3/01/22 – NPFG Insured	3/17 at 100.00	AA-	2,176,760
310	University of Illinois, Health Services Facilities System Revenue Bonds, Series 2013, 6.000%, 10/01/42	10/23 at 100.00	A	346,468
36,990	Total Illinois Indiana – 3.8%			27,535,714
3,520	Indiana Health Facility Financing Authority, Hospital Revenue Bonds, Methodist Hospitals Inc., Series 2001, 5.375%, 9/15/22	9/14 at 100.00	BBB	3,525,104
840	Indiana Health Facility Financing Authority, Hospital Revenue Refunding Bonds, Columbus Regional Hospital, Series 1993, 7.000%, 8/15/15 – AGM Insured	No Opt. Call	AA	867,754
2,295	Shelbyville Central Renovation School Building Corporation, Indiana, First Mortgage Bonds, Series 2005, 4.375%, 7/15/25 (Pre-refunded 7/15/15) – NPFG Insured	7/15 at 100.00	AA+(4)	2,394,901
1,000	Zionsville Community Schools Building Corporation, Indiana, First Mortgage Bonds, Series 2005Z, 0.000%, 7/15/28 – AGM Insured	No Opt. Call	AA	601,760
7,655	Total Indiana Iowa – 2.6%			7,389,519
2,745	Iowa Finance Authority, Health Facility Revenue Bonds, Care Initiatives Project, Series 2006A, 5.000%, 7/01/20	7/16 at 100.00	BB+	2,842,557
1,330	Iowa Finance Authority, Iowa, Midwestern Disaster Area Revenue Bonds, Iowa Fertilizer Company Project, Series 2013, 5.000%, 12/01/19	No Opt. Call	BB-	1,400,809
950	Iowa Tobacco Settlement Authority, Tobacco Asset-Backed Revenue Bonds, Series 2005B,	6/17 at 100.00	B+	857,252
5,025	5.600%, 6/01/34 Total Iowa Kansas – 1.1%			5,100,618

Lawrence, Kansas, Hospital Revenue Bonds, Lawrence Memorial Hospital, Refunding Series 2006:

	Hospital, Refuliding Series 2000.			
		7/16 at		
1,425	5.125%, 7/01/26	100.00	A1	1,469,275
		7/16 at		
700	4.875%, 7/01/36	100.00	A1	711,949
2,125	Total Kansas			2,181,224
	Maryland -0.3%			
	Baltimore, Maryland, Senior Lien Convention Center Hotel	9/16 at		
550	Revenue Bonds, Series 2006A, 5.250%,	100.00	BB+	572,484
	9/01/23 – SYNCORA GTY Insured			
	Michigan – 2.4%			
	Detroit Water and Sewerage Department, Michigan, Sewage	7/22 at		
355	Disposal System Revenue Bonds,	100.00	BB+	353,580
	Refunding Senior Lien Series 2012A, 5.250%, 7/01/39			
	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second	7/16 at		
3,535	Lien, Series 2006B, 4.625%,	100.00	AA-	3,392,327
	7/01/34 – FGIC Insured			
	Detroit, Michigan, Water Supply System Second Lien Revenue	No Opt.		
640	Refunding Bonds, Series 2006C,	Call	AA	640,058
	5.000%, 7/01/33 – AGM Insured			,
	Royal Oak Hospital Finance Authority, Michigan, Hospital	9/18 at		
250	Revenue Bonds, William Beaumont	100.00	Aaa	324,240
	Hospital, Refunding Series 2009V, 8.250%, 9/01/39 (Pre-refunded			, ,
	9/01/18)			
4,780	Total Michigan			4,710,205
.,,	Mississippi – 0.4%			.,,,10,200
	Mississippi Hospital Equipment and Facilities Authority, Revenue	9/14 at		
725	Bonds, Baptist Memorial	100.00	A	730,343
723	Healthcare, Series 2004B-1, 5.000%, 9/01/24	100.00	7.1	750,515
	Missouri – 1.5%			
	Bi-State Development Agency of the Missouri-Illinois Metropolitan	10/18 at		
270	District, Mass Transit Sales	100.00	AA+	303,915
270	Tax Appropriation Bonds, Refunding Combined Lien Series	100.00	7 17 1	303,713
	2013A, 5.000%, 10/01/28			
	Missouri Highways and Transportation Commission, State Road	No Opt.		
2,500	Revenue Bonds, Refunding Senior	Call	AAA	2,571,950
2,300	Lien Series 2006, 5.000%, 2/01/15	Can	7 17 17 1	2,371,730
2,770	Total Missouri			2,875,865
2,770	Montana – 0.8%			2,673,603
	Montana Facilities Finance Authority, Revenue Bonds, Sisters of	1/20 at		
1,440	Charity of Leavenworth Health	100.00	Λ Λ	1,512,101
1,770	Services Corporation, Composite Deal Series 2010A, 4.750%,	100.00	AA-	1,512,101
	1/01/40			
	Nevada – 2.7%			
		1/20 at		
1 000	Clark County, Nevada, Passenger Facility Charge Revenue Bonds,		۸.	1 001 440
1,000	Las Vegas-McCarran International Airport Social 2010 A 5 250% 7/01/42	100.00	A+	1,081,440
	International Airport, Series 2010A, 5.250%, 7/01/42	6/15 -4		
1 605	Las Vegas Valley Water District, Nevada, General Obligation	6/15 at	A A .	1 605 021
1,625	Bonds, Series 2005A, 5.000%,	100.00	AA+	1,695,931
	6/01/18 – FGIC Insured			

2,500	North Las Vegas, Nevada, General Obligation Bonds, Series 2006, 5.000%, 5/01/36 – NPFG Insured	5/16 at 100.00	AA- 2,420	750
5,125	Total Nevada	100.00		3,730 3,121
3,123	New Jersey – 2.3%		3,170	3,121
	New Jersey Economic Development Authority, Revenue Bonds,	7/14 at		
2,000	Motor Vehicle Surcharge, Series	100.00	AA- 2,020	1460
2,000	2004A, 5.000%, 7/01/34 – NPFG Insured	100.00	717 2,020	,,,,,,,,
	New Jersey Transportation Trust Fund Authority, Transportation	No Opt.		
4,570	System Bonds, Series 2006C,	Call	A 2,42	1 063
7,570	0.000%, 12/15/28 – AMBAC Insured	Can	A 2,72	1,703
6,570	Total New Jersey		1 11	2,423
0,570	New Mexico – 2.6%		7,772	2,723
	New Mexico Mortgage Finance Authority, Multifamily Housing	9/17 at		
1,000	Revenue Bonds, St Anthony, Series	100.00	N/R 1,008	3,920
1,000	2007A, 5.250%, 9/01/42 (Alternative Minimum Tax)	100.00	17/10 1,000	3,720
	University of New Mexico, FHA-Insured Hospital Mortgage	7/14 at		
4,000	Revenue Bonds, University of Mexico	100.00	AA 4,000	5,240
1,000	Hospital Project, Series 2004, 4.625%, 1/01/25 – AGM Insured	100.00	7171 4,000	3,240
5,000	Total New Mexico		5.014	5,160
3,000	New York – 6.4%		3,013	,,100
	Dormitory Authority of the State of New York, FHA Insured	8/16 at		
1,025	Mortgage Hospital Revenue Bonds,	100.00	AAA 1,041	1,103
1,020	Kaleida Health, Series 2006, 4.700%, 2/15/35	100.00	11111 1,0 1	1,100
	Long Island Power Authority, New York, Electric System General	9/14 at		
3,750	Revenue Bonds, Series 2004A,	100.00	AA+ 3,778	3,238
5,755	5.000%, 9/01/34 – BHAC Insured	100.00	1111. 0,77	, _ co
	Metropolitan Transportation Authority, New York, Transportation	11/22 at		
1,250	Revenue Bonds, Refunding	100.00	AA- 1,434	4,400
,	Series 2012F, 5.000%, 11/15/26		, -	,
	New York City Transitional Finance Authority, New York, Future	5/17 at		
2,500	Tax Secured Bonds, Fiscal	100.00	AAA 2,744	1,925
•	Series 2007B, 4.750%, 11/01/27		•	•
	New York State Thruway Authority, State Personal Income Tax	9/14 at		
3,000	Revenue Bonds, Series 2004A,	100.00	AAA 3,030	0,690
	5.000%, 3/15/24 (Pre-refunded 9/15/14) – AMBAC Insured			
	Port Authority of New York and New Jersey, Special Project	12/20 at		
265	Bonds, JFK International Air	100.00	BBB 302	2,951
	Terminal LLC Project, Eighth Series 2010, 6.000%, 12/01/42			
11,790	Total New York		12,332	2,307
	Ohio – 3.8%			
	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco			
	Settlement Asset-Backed Revenue			
	Bonds, Senior Lien, Series 2007A-2:			
		6/17 at		
1,345	5.375%, 6/01/24	100.00	B- 1,147	7,406
		6/17 at		
1,465	6.000%, 6/01/42	100.00	B+ 1,173	3,670
		6/17 at	_	
435	5.875%, 6/01/47	100.00	B 344	4,707
a	Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco	6/22 at		
3,720	Settlement Asset-Backed Revenue	100.00	B 3,125	5,730

	Bonds, Senior Lien, Series 2007A-3, 6.250%, 6/01/37 Ohio Turnpike Commission, Turnpike Revenue Bonds,	2/23 at		
1,475	Infrastructure Project, Junior Lien Series 2013A-1, 5.000%, 2/15/48	100.00	A+	1,596,142
8,440	Total Ohio Pennsylvania – 1.9%			7,387,655
2,435	Dauphin County Industrial Development Authority, Pennsylvania, Water Development Revenue Refunding Bonds, Dauphin Consolidated Water Supply Company, Series 1992B, 6.700%, 6/01/17	No Opt. Call	A–	2,775,559
1,000	Pennsylvania Turnpike Commission, Motor License Fund-Enhanced Subordinate Special Revenue Bonds, Series 2010B, 0.000%, 12/01/30	12/20 at 100.00	AA	1,001,990
3,435	Total Pennsylvania Puerto Rico – 2.4%			3,777,549
945	Puerto Rico Highway and Transportation Authority, Highway Revenue Bonds, Series 2007N, 5.250%, 7/01/31 – AMBAC Insured	No Opt. Call	В	817,520
1,000	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, First Subordinate Series 2009A, 6.000%, 8/01/42	8/19 at 100.00	A+	832,260
	Puerto Rico Sales Tax Financing Corporation, Sales Tax Revenue Bonds, Series 2007A:			
1,170	0.000%, 8/01/40 – NPFG Insured	No Opt. Call No Opt.	AA-	213,970
12,000	0.000%, 8/01/41 – NPFG Insured	Call No Opt.	AA-	2,056,200
9,015 24,130	0.000%, 8/01/54 – AMBAC Insured Total Puerto Rico	Call	AA-	647,187 4,567,137
,	Rhode Island – 0.6% Rhode Island Economic Development Corporation, Airport	7/15 at		., ,
1,150	Revenue Bonds, Refunding Series 2005A, 4.625%, 7/01/26 – NPFG Insured (Alternative Minimum Tax) South Carolina – 3.2%	100.00	AA-	1,155,198
3,000	Dorchester County School District 2, South Carolina, Installment Purchase Revenue Bonds, GROWTH, Series 2004, 5.250%, 12/01/29 (Pre-refunded 12/01/14)	12/14 at 100.00	AA-(4)	3,064,500
1,500	Medical University Hospital Authority, South Carolina, FHA-Insured Mortgage Revenue Bonds, Series 2004A, 5.250%, 8/15/20 (Pre-refunded 8/15/14) – NPFG	8/14 at 100.00	AA-(4)	1,509,555
	Insured Piedmont Municipal Power Agency, South Carolina, Electric	No Opt.		
1,500	Revenue Refunding Bonds, Series 1991A, 6.500%, 1/01/15 – NPFG Insured	Call	A3	1,546,110
6,000	Total South Carolina South Dakota – 0.5%			6,120,165
1,000	South Dakota Health and Educational Facilities Authority, Revenue Bonds, Sioux Valley Hospitals, Series 2004A, 5.250%, 11/01/34 Tennessee – 0.5%	11/14 at 100.00	A+	1,004,500

795	Chattanooga Health, Educational and Housing Facility Board, Tennessee, Hospital Revenue Bonds, Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45 Texas – 9.6%	1/23 at 100.00	A+ 868,426
1,500	Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2005, 5.000%, 1/01/45 (Pre-refunded 1/01/15) – FGIC Insured	1/15 at 100.00	AA-(4) 1,536,585
	Central Texas Regional Mobility Authority, Revenue Bonds, Senior	1/21 at	
250	Lien Series 2011, 6.000%, 1/01/41	100.00	Baa2 279,290
	Grand Parkway Transportation Corporation, Texas, System Toll	10/23 at	
4,640	Revenue Bonds, First Tier Series 2013A, 5.500%, 4/01/53	100.00	BBB+ 5,100,056
	Harris County-Houston Sports Authority, Texas, Revenue Bonds, Junior Lien Series 2001H:		
		11/31 at	
1,345	0.000%, 11/15/32 – NPFG Insured	94.05	AA- 498,228
		11/31 at	
2,510	0.000%, 11/15/36 – NPFG Insured	73.51	AA- 685,004
	Harris County-Houston Sports Authority, Texas, Revenue Bonds,	11/24 at	
2,235	Third Lien Series 2004A-3,	62.70	AA- 772,841
	0.000%, 11/15/32 – NPFG Insured		
	Harris County-Houston Sports Authority, Texas, Special Revenue Bonds, Refunding Senior Lien		
	Series 2001A:		
	Series 2001A.	11/30 at	
2,695	0.000%, 11/15/34 – NPFG Insured	78.27	AA- 896,384
_,~~		11/30 at	0,0,00
4,095	0.000%, 11/15/38 – NPFG Insured	61.17	AA- 1,039,229
•	Kerrville Health Facilities Development Corporation, Texas,	2/16 at	
1,275	Revenue Bonds, Sid Peterson	100.00	BBB 1,295,018
	Memorial Hospital Project, Series 2005, 5.375%, 8/15/35		
	Love Field Airport Modernization Corporation, Texas, Special	11/20 at	
2,255	Facilities Revenue Bonds,	100.00	BBB- 2,417,788
	Southwest Airlines Company, Series 2010, 5.250%, 11/01/40	4 10 7	
200	North Texas Tollway Authority, First Tier System Revenue	1/25 at	
290	Refunding Bonds, Capital Appreciation	100.00	AA 344,462
	Series 2008I, 0.000%, 1/01/42 – AGC Insured Texas Municipal Gas Acquisition and Supply Corporation III, Gas	No Opt	
2,000	Supply Revenue Bonds, Series	No Opt. Call	A3 2,118,720
2,000	2012, 5.000%, 12/15/32	Can	A3 2,110,720
	Texas Turnpike Authority, Central Texas Turnpike System	No Opt.	
2,410	Revenue Bonds, First Tier Series	Call	A- 1,586,551
•	2002A, 0.000%, 8/15/25 – AMBAC Insured		
27,500	Total Texas		18,570,156
	Utah – 1.0%		
	Utah Transit Authority, Sales Tax Revenue Bonds, Series 2007A,	6/17 at	
5,465	0.000%, 6/15/36	38.77	AA- 1,860,996
	Virginia – 3.6%	7.12 0	
2.500	Chesapeake, Virginia, Transportation System Senior Toll Road	7/28 at	DDD 2207.775
3,500	Revenue Bonds, Capital	100.00	BBB 2,287,775

	Appreciation Series 2012B, 0.000%, 7/15/32				
	Henrico County Economic Development Authority, Virg	inia,	9/14 at		
1,000	Residential Care Facility Revenue		100.00	BBB+	1,020,580
	Bonds, Westminster Canterbury of Richmond, Series 200	06,			
	5.000%, 10/01/35				
	Route 460 Funding Corporation, Virginia, Toll Road Rev	venue	No Opt.		
1,500	Bonds, Series 2012A, 5.125%, 7/01/49		Call	BBB	- 1,558,635
	Virginia Small Business Financing Authority, Senior Lie	n Revenue			
	Bonds, Elizabeth River				
	Crossing, Opco LLC Project, Series 2012:				
			7/22 at		
500	6.000%, 1/01/37 (Alternative Minimum Tax)		100.00	BBB	- 552,410
			7/22 at		
1,510	5.500%, 1/01/42 (Alternative Minimum Tax)		100.00	BBB	- 1,607,410
8,010	Total Virginia				7,026,810
	Washington – 2.8%				
	Washington Health Care Facilities Authority, Revenue B	onds, Fred	1/21 at		
990	Hutchinson Cancer Research		100.00	A	1,068,962
	Center, Series 2011A, 5.625%, 1/01/35				
	Washington Health Care Facilities Authority, Revenue B	onds,	10/22 at		
4,000	Providence Health & Services,		100.00	AA	4,438,000
4.000	Series 2012A, 5.000%, 10/01/32				5.506.060
4,990	Total Washington				5,506,962
	Wisconsin – 1.2%		2/22		
1.050	Wisconsin Health and Educational Facilities Authority, F	Revenue	2/22 at		1 220 104
1,250	Bonds, Marshfield Clinic,		100.00	A	- 1,338,184
	Series 2012B, 5.000%, 2/15/32	2002.2	0/14 **		
005	Wisconsin, General Obligation Refunding Bonds, Series	2003-3,	9/14 at	A A	000 051
985 2,235	5.000%, 11/01/26 Total Wisconsin		100.00	AA	988,851 2,327,035
\$ 271,290	Total Municipal Bonds (cost \$173,919,777)				189,718,239
\$ 271,290	Total Mullicipal Bolius (cost \$175,919,777)				109,710,239
Principal					
Amount					
(000)	Description (1)	Coupon	Maturity Ra	tings (3)	Value
(000)	CORPORATE BONDS – 0.0%	Coupon	watarity Ka	ungs (3)	v arac
	Transportation – 0.0%				
	Las Vegas Monorail Company, Senior Interest Bonds				
\$ 89	(5), (6)	5.500%	7/15/19	N/R	\$ 15,983
+ 02	Las Vegas Monorail Company, Senior Interest Bonds		,,,==,		+ ,>
24	(5), (6)	3.000%	7/15/55	N/R	3,290
\$ 113	Total Corporate Bonds (cost \$6,786)				19,273
	Total Long-Term Investments (cost \$173,926,563)				189,737,512
	Other Assets Less Liabilities – 2.1% (7)				4,018,630
					\$
	Net Assets – 100%				193,756,142

Investments in Derivatives as of June 30, 2014

Interest Rate Swaps outstanding:

		Fund						Unrealized
		Pay/Receive	Floating		Fixed Rate			Appreciation
	Notional	Floating	Rate	Fixed Rate	Payment	Effective T	ermination(I	Depreciation)
Counterparty	Amount	Rate	Index	(Annualized)	Frequency	Date (8)	Date	(7)
Barclays	\$ 2,700,000	Receive	USD-BMA	2.728%	Quarterly	5/28/15	5/28/24	\$ (90,531)
Barclays	4,600,000	Receive	USD-BMA	2.597	Quarterly	6/12/15	6/12/26	(27,400)
JPMorgan	4,500,000	Receive	USD-BMA	3.230	Quarterly	6/01/15	6/01/35	(166,264)
	\$11,800,000							\$(284,195)

Fair Value Measurements

Fair value is defined as the price that would be received 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 following is a summary of the three-tiered hierarchy of valuation input levels.

Level 1 – Inputs are unadjusted and prices are determined using quoted prices in active markets for identical securities.

Level 2 – Prices are determined using other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3 – Prices are determined using 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 risks associated with investing in those securities. The following is a summary of the Fund's fair value measurements as of the end of the reporting period:

	Level 1	Level 2	Level 3	Total
Long-Term Investments:				
Municipal Bonds	\$ —	\$189,718,239	\$ —	- \$189,718,239
Corporate Bonds		_	19,273	19,273
Investments in Derivatives:				
Interest Rate Swaps*		(284,195)		- (284,195)
Total	\$ <i>—</i>	\$189,434,044	\$19,273	\$189,453,317

^{*} Represents net unrealized appreciation (depreciation).

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.

As of June 30, 2014, the cost of investments (excluding investments in derivatives) was \$172,815,738.

Gross unrealized appreciation and gross unrealized depreciation of investments (excluding investments in derivatives) as of June 30, 2014, were as follows:

Gross unrealized:

Appreciation \$18,133,874

Depreciation (1,212,100)

Net unrealized appreciation (depreciation) of investments \$16,921,774

- (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 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) 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.
- (5) Investment valued at fair value using methods determined in good faith by, or at the discretion of, the Board of Directors/Trustees. For fair value measurement disclosure purposes, investment classified as Level 3.
- (6) During January 2010, Las Vegas Monorail Company ("Las Vegas Monorail") filed for federal bankruptcy protection. During March 2012, Las Vegas Monorail emerged from federal bankruptcy with the acceptance of a reorganization plan assigned by the Federal Bankruptcy Court. Under the reorganization plan, the Fund

surrendered its Las Vegas Monorail Project Revenue Bonds, First Tier, Series 2000 and in turn received two

senior interest corporate bonds: the first with an annual coupon rate of 5.500% maturing on July 15, 2019 and the second with an annual coupon rate of 3.000% (5.500% after December 31, 2015) maturing on July 15, 2055. The Fund's custodian is not accruing income on the Fund's records for either senior interest corporate bond.

Other Assets Less Liabilities includes the Unrealized Appreciation (Depreciation) of derivative

- (7) instruments
 - as listed within Investments in Derivatives as of the end of the reporting period.
- (8) Effective date represents the date on which both the Fund and Counterparty commence interest payment accruals on each contract.
- (ETM) Escrowed to maturity.
 - (IF) Inverse floating rate investment.

USD-BMA United States Dollar-Bond Market Association.

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 Select Tax-Free Income Portfolio 3

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

Date: August 29, 2014

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 29, 2014

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

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: August 29, 2014