NUVEEN SELECT TAX FREE INCOME PORTFOLIO 3 Form N-Q February 27, 2015

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: 12/31/14

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

Nuveen Select Tax-Free Income Portfolio 3 (NXR)

December 31, 2014 (Unaudited)

Principal Amount (000)	Description (1) LONG-TERM INVESTMENTS – 95.5%	Optional Call Provisions (2)	Ratings (3)Valu	ie
	MUNICIPAL BONDS – 95.5%			
	Alaska – 1.2% Northern Tobacco Securitization Corporation, Alaska, Tobacco Settlement Asset-Backed			
\$ 2,675	Bonds, Series 2006A, 5.000%, 6/01/32	3/15 at 100.00	B2	\$ 2,311,548
	California – 19.4% Anaheim Public Financing Authority, California, Subordinate Lease Revenue			
12,500	Bonds, Public Improvement Project, Series 1997C, 0.000%,	No Opt. Call	AA	4,983,000
	9/01/35 – AGM Insured California County Tobacco Securitization	12/10 -4		
1,000	Agency, Tobacco Settlement Asset-Backed Bonds, Los Angeles County Securitization Corporation,	12/18 at 100.00	B+	884,570
	Series 2006A, 5.600%, 6/01/36 California County Tobacco Securitization Agency, Tobacco Settlement Asset-Backed			
1,125	Bonds, Sonoma County Tobacco Securitization Corporation,	6/15 at 100.00	В-	1,040,456
	Series 2005, 5.000%, 6/01/26 California Health Facilities Financing Authority, Revenue Bonds, Kaiser			
2,595	Permanante System, Series 2006, 5.000%, 4/01/37	4/16 at 100.00	A+	2,695,971
	California Statewide Community Development Authority, Revenue Bonds,			
890	Methodist Hospital Project, Series 2009, 6.750%, 2/01/38 California Statewide Financing Authority,	8/19 at 100.00	Aa2	1,071,115
265	Tobacco Settlement Asset-Backed Bonds, Pooled	3/15 at 100.00	BBB	264,981
203	1 OUICU	2112 at 100.00	DDD	40 4 ,901

	Tobacco Securitization Program, Series 2002A, 5.625%, 5/01/29 Folsom Cordova Unified School District, Sacramento County, California, General			
2,275	Obligation Bonds, School Facilities Improvement District 4, Series 2007A, 0.000%, 10/01/28 – NPFG Insured Golden State Tobacco Securitization	No Opt. Call	AA-	1,307,306
2,985	Corporation, California, Enhanced Tobacco Settlement Asset-Backed Revenue Bonds, Series 2005A, 0.000%, 6/01/28 – AMBAC Insured Golden State Tobacco Securitization Corporation, California, Tobacco Settlement Asset-Backed	No Opt. Call	A1	1,883,923
700	Bonds, Series 2007A-1:	C/17 -+ 100 00	D	((1776
700	4.500%, 6/01/27	6/17 at 100.00	В	664,776
2,090	5.000%, 6/01/33 Kern Community College District, California, General Obligation Bonds, Series 2003A,	6/17 at 100.00	В	1,732,171
4,055	0.000%, 3/01/28 – FGIC Insured Mount San Antonio Community College District, Los Angeles County, California,	No Opt. Call	Aa2	2,554,691
1,160	General Obligation Bonds, Election of 2008, Series 2013A, 0.000%, 8/01/43 Norwalk La Mirada Unified School District,	8/35 at 100.00	AA	775,773
11,985	Los Angeles County, California, General Obligation Bonds, Election of 2002, Series 2007C, 0.000%, 8/01/32 – AGM Insured Palomar Pomerado Health, California,	No Opt. Call	AA	5,962,777
3,000	General Obligation Bonds, Election of 2004, Series 2007A, 0.000%, 8/01/25 – NPFG Insured Placentia-Yorba Linda Unified School	No Opt. Call	AA-	2,086,290
8,040	District, Orange County, California, Certificates of Participation, Series 2006, 0.000%, 10/01/34 – FGIC Insured Placer Union High School District, Placer	No Opt. Call	AA-	3,293,666
1,500	County, California, General Obligation Bonds, Series 2004C, 0.000%, 8/01/32 – AGM Insured Poway Unified School District, San Diego	No Opt. Call	AA	724,740
8,000	County, California, General Obligation Bonds, School Facilities Improvement District 2007-1, Series 2009A, 0.000%, 8/01/32	No Opt. Call	Aa2	3,980,160

3,940	Rancho Mirage Redevelopment Agency, California, Tax Allocation Bonds, Combined Whitewater and 1984 Project Areas, Series 2003A, 0.000%, 4/01/35 – NPFG Insured	No Opt. Call	AA-	1,544,047
1,030	Riverside Public Financing Authority, California, Tax Allocation Bonds, University Corridor, Series 2007C, 5.000%, 8/01/37 – NPFG Insured	8/17 at 100.00	AA-	1,059,345
69,135	Total California Colorado – 5.3% Arkansas River Power Authority, Colorado,			38,509,758
1,540	Power Revenue Bonds, Series 2006, 5.250%, 10/01/40 – SYNCORA GTY Insured Colorado Health Facilities Authority,	10/16 at 100.00	BBB-	1,560,544
2,000	Colorado, Revenue Bonds, Sisters of Charity of Leavenworth Health Services Corporation, Series 2010A, 5.000%, 1/01/40	1/20 at 100.00	AA-	2,212,320
1,000	Colorado Health Facilities Authority, Colorado, Revenue Bonds, Valley View Hospital Association, Series 2007, 5.250%, 5/15/42 Denver City and County, Colorado, Airport	5/17 at 100.00	A-	1,073,100
1,935	System Revenue Bonds, Subordinate Lien Series 2013B, 5.000%, 11/15/43	11/23 at 100.00	A	2,175,849
1,295	E-470 Public Highway Authority, Colorado, Senior Revenue Bonds, Series 2000B, 0.000%, 9/01/32 – NPFG Insured E-470 Public Highway Authority, Colorado,	No Opt. Call	AA-	648,873
5,520	Toll Revenue Bonds, Series 2004B, 0.000%, 9/01/28 –	9/20 at 63.98	AA-	2,836,121
13,290	NPFG Insured Total Colorado District of Columbia – 0.1%			10,506,807
185	District of Columbia Tobacco Settlement Corporation, Tobacco Settlement Asset-Backed Bonds, Series 2001, 6.250%, 5/15/24 Florida – 0.5%	5/15 at 100.00	A1	184,989
1,000	Hillsborough County Industrial Development Authority, Florida, Hospital Revenue Bonds, Tampa General Hospital, Series 2006, 5.250%, 10/01/41	10/16 at 100.00	A3	1,050,190
3,500	Illinois – 13.6%	No Opt. Call	AA-	1,851,080

	Chicago Board of Education, Illinois, General Obligation Bonds, Series 1999A, 0.000%, 12/01/28 – FGIC Insured			
2,000	Chicago, Illinois, General Obligation Bonds, Project & Refunding Series 2006A, 4.625%, 1/01/31 – AGM Insured Illinois Finance Authority, Revenue Bonds,	1/16 at 100.00	AA	2,016,920
1,050	Loyola University of Chicago, Tender Option Bond Trust 1137, 9.272%, 7/01/15 (IF) Illinois Finance Authority, Revenue Bonds,	No Opt. Call	AA+	1,211,983
260	Rehabilitation Institute of Chicago, Series 2013A, 6.000%, 7/01/43 Illinois Finance Authority, Revenue Bonds,	7/23 at 100.00	A-	305,971
1,600	Resurrection Health Care System, Series 1999B, 5.000%, 5/15/24 – AGM Insured	5/18 at 100.00	AA	1,739,776
2,185	Illinois Finance Authority, Revenue Bonds, YMCA of Southwest Illinois, Series 2005, 5.000%, 9/01/31 – RAAI Insured	9/15 at 100.00	Aa3	2,161,730
1,500	Illinois Finance Authority, Revenue Refunding Bonds, Silver Cross Hospital and Medical Centers, Series 2008A, 5.500%, 8/15/30	8/18 at 100.00	BBB+	1,650,765
750	Illinois Finance Authority, Student Housing Revenue Bonds, Educational Advancement Fund Inc., University Center Project, Series 2006B,	11/16 at 100.00	BBB+	780,683
1,500	5.000%, 5/01/25 Illinois Health Facilities Authority, Revenue Bonds, Evangelical Hospitals Corporation, Series	No Opt. Call	N/R (4)	1,829,700
1 560	1992C, 6.250%, 4/15/22 (ETM) Illinois Housing Development Authority, Homeowner Mortgage Revenue Bonds, Series 2006C2,		Δ.Δ	1 595 724
1,560	5.050%, 8/01/27 (Alternative Minimum Tax) Illinois State, General Obligation Bonds,	2/16 at 100.00	AA	1,585,724
2,190	Refunding Series 2012, 5.000%, 8/01/23 Kankakee & Will Counties Community Unit School District 5, Illinois, General Obligation	No Opt. Call	A-	2,474,722
1,000	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	778,980

2,500	0.000%, 12/15/30 – NPFG Insured	No Opt. Call	AAA	1,290,025
4,775	0.000%, 12/15/31 – NPFG Insured	No Opt. Call	AAA	2,344,334
5,000	0.000%, 12/15/36 – NPFG Insured	No Opt. Call	AAA	1,850,050
2,000	0.000%, 6/15/37 – NPFG Insured	No Opt. Call	AAA	717,120
	Springfield, Illinois, Electric Revenue Bonds,			
2,000	Senior Lien Series 2007, 5.000%, 3/01/22 –	3/17 at 100.00	AA-	2,154,260
	NPFG Insured			
	University of Illinois, Health Services			
	Facilities System Revenue Bonds, Series	10/23 at		
310	2013,	100.00	A	359,594
	6.000%, 10/01/42			
35,680	Total Illinois			27,103,417
	Indiana – 1.9%			
	Indiana Finance Authority, Tax-Exempt			
	Private Activity Revenue Bonds, I-69 Section			
270	5 Project,	9/24 at 100.00	BBB	301,180
	Series 2014, 5.250%, 9/01/34 (Alternative			
	Minimum Tax)			
	Indiana Health Facility Financing Authority,			
40.	Hospital Revenue Refunding Bonds,			440 == 6
435	Columbus	No Opt. Call	AA	448,776
	Regional Hospital, Series 1993, 7.000%,			
	8/15/15 – AGM Insured			
	Shelbyville Central Renovation School			
2,295	Building Corporation, Indiana, First Mortgage Bonds,	7/15 at 100.00	AA+ (4)	2,347,372
2,293	Series 2005, 4.375%, 7/15/25 (Pre-refunded	7/13 at 100.00	AA+ (4)	2,347,372
	7/15/15) – NPFG Insured			
	Zionsville Community Schools Building			
	Corporation, Indiana, First Mortgage Bonds,			
1,000	Series	No Opt. Call	AA	649,760
1,000	2005Z, 0.000%, 7/15/28 – AGM Insured	rve opu cum	1 1	0.5,700
4,000	Total Indiana			3,747,088
•	Iowa – 2.6%			, ,
	Iowa Finance Authority, Health Facility			
	Revenue Bonds, Care Initiatives Project,			
2,745	Series 2006A,	7/16 at 100.00	BB+	2,836,985
	5.000%, 7/01/20			
	Iowa Finance Authority, Iowa, Midwestern			
	Disaster Area Revenue Bonds, Iowa Fertilizer			
1,330	Company	No Opt. Call	BB-	1,413,790
	Project, Series 2013, 5.000%, 12/01/19			
	Iowa Tobacco Settlement Authority, Tobacco		_	
950	Asset-Backed Revenue Bonds, Series 2005B,	6/17 at 100.00	B+	872,556
5.025	5.600%, 6/01/34			5 100 001
5,025	Total Iowa			5,123,331
	Kansas – 1.1%			
	Lawrence, Kansas, Hospital Revenue Bonds,			
	Lawrence Memorial Hospital, Refunding Series 2006:			
1,425	5.125%, 7/01/26	7/16 at 100.00	A1	1,480,062
1,743	3.123 70, 1101120	,, 10 at 100.00	Aı	1,700,002

700 2,125	4.875%, 7/01/36 Total Kansas	7/16 at 100.00	A1	713,538 2,193,600
550	Maryland – 0.3% Baltimore, Maryland, Senior Lien Convention Center Hotel Revenue Bonds, Series 2006A, 5.250%, 9/01/23 – SYNCORA GTY Insured Massachusetts – 1.1%	9/16 at 100.00	Ba1	571,180
2,200	Massachusetts, Special Obligation Revenue Refunding Bonds, Series 2002A, 5.500%, 6/01/15 – NPFG Insured Michigan – 2.5%	No Opt. Call	AAA	2,249,434
355	Detroit Water and Sewerage Department, Michigan, Sewage Disposal System Revenue Bonds, Refunding Senior Lien Series 2012A, 5.250%, 7/01/39	7/22 at 100.00	BBB+	384,344
3,635	Detroit, Michigan, Sewer Disposal System Revenue Bonds, Second Lien, Series 2006B, 4.625%, 7/01/34 – FGIC Insured Detroit, Michigan, Water Supply System	7/16 at 100.00	AA-	3,636,309
640	Second Lien Revenue Refunding Bonds, Series 2006C, 5.000%, 7/01/33 – AGM Insured Royal Oak Hospital Finance Authority,	No Opt. Call	AA	659,539
250	Michigan, Hospital Revenue Bonds, William Beaumont Hospital, Refunding Series 2009V, 8.250%, 9/01/39 (Pre-refunded 9/01/18)	9/18 at 100.00	Aaa	314,758
4,880	Total Michigan Mississippi – 0.4%			4,994,950
725	Mississippi Hospital Equipment and Facilities Authority, Revenue Bonds, Baptist Memorial Healthcare, Series 2004B-1, 5.000%, 9/01/24 Missouri – 1.4%	3/15 at 100.00	A	727,770
270	Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Mass Transit Sales Tax Appropriation Bonds, Refunding Combined Lien Series 2013A, 5.000%, 10/01/28	10/18 at 100.00	AA+	304,133
2,500	Missouri Highways and Transportation Commission, State Road Revenue Bonds, Refunding Senior Lien Series 2006, 5.000%, 2/01/15	No Opt. Call	AAA	2,510,250
2,770 1,440	Total Missouri Montana – 0.8% Montana Facilities Finance Authority, Revenue Bonds, Sisters of Charity of	1/20 at 100.00	AA-	2,814,383 1,549,613

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	Leavenworth Health			
	Services Corporation, Camposite Deal Series			
	2010A, 4.750%, 1/01/40			
	Nevada – 2.6%			
1.000	Clark County, Nevada, Passenger Facility	1/20 / 100 00	A .	1 105 700
1,000	Charge Revenue Bonds, Las Vegas-McCarran	1/20 at 100.00	A+	1,125,700
	International Airport, Series 2010A, 5.250%, 7/01/42			
	Las Vegas Valley Water District, Nevada, General Obligation Bonds, Series 2005A,			
1,625	5.000%,	6/15 at 100.00	AA+	1,657,321
1,025	6/01/18 – FGIC Insured	0/12 u t 100.00	7 17 1	1,057,521
	North Las Vegas, Nevada, General Obligation			
	Bonds, Series 2006, 5.000%, 5/01/36 – NPFG			
2,500	Insured	5/16 at 100.00	AA-	2,459,575
5,125	Total Nevada			5,242,596
	New Jersey – 2.3%			
	New Jersey Economic Development			
	Authority, Revenue Bonds, Motor Vehicle			
2,000	Surcharge, Series	3/15 at 100.00	AA-	2,030,260
	2004A, 5.000%, 7/01/34 – NPFG Insured			
	New Jersey Transportation Trust Fund			
4.570	Authority, Transportation System Bonds,	N - O-4 C-11	4.2	2 522 929
4,570	Series 2006C, 0.000%, 12/15/28 – AMBAC Insured	No Opt. Call	A2	2,523,828
6,570	Total New Jersey			4,554,088
0,570	New Mexico – 3.9%			4,334,000
	Albuquerque, New Mexico, General			
	Obligation Bonds, General Purpose Series			
2,700	2012A,	No Opt. Call	AAA	2,752,542
	4.000%, 7/01/15	•		
	New Mexico Mortgage Finance Authority,			
	Multifamily Housing Revenue Bonds, St			
1,000	Anthony, Series	9/17 at 100.00	N/R	1,017,830
	2007A, 5.250%, 9/01/42 (Alternative			
	Minimum Tax)			
	University of New Mexico, FHA-Insured			
4 000	Hospital Mortgage Revenue Bonds,	2/15 at 100 00	A A	4.006.720
4,000	University of Mexico Hospital Project, Series 2004, 4.625%,	3/15 at 100.00	AA	4,006,720
	1/01/25 – AGM Insured			
7,700	Total New Mexico			7,777,092
7,700	New York – 2.8%			1,111,052
	Dormitory Authority of the State of New			
	York, FHA Insured Mortgage Hospital			
1,025	Revenue Bonds,	8/16 at 100.00	N/R	1,044,557
	Kaleida Health, Series 2006, 4.700%, 2/15/35			
	Metropolitan Transportation Authority, New			
	York, Transportation Revenue Bonds,	11/22 at		
1,250	Refunding	100.00	AA-	1,485,787
	Series 2012F, 5.000%, 11/15/26			

2,500	New York City Transitional Finance Authority, New York, Future Tax Secured Bonds, Fiscal	5/17 at 100.00	AAA	2,716,625
265	Series 2007B, 4.750%, 11/01/27 (5) Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC Project, Eighth Series 2010,	12/20 at 100.00	ВВВ	308,267
5,040	6.000%, 12/01/42 Total New York Ohio – 3.8% Buckeye Tobacco Settlement Financing			5,555,236
	Authority, Ohio, Tobacco Settlement Asset-Backed Revenue			
1 245	Bonds, Senior Lien, Series 2007A-2:	6/17 + 100 00	D	1 167 000
1,345	5.375%, 6/01/24	6/17 at 100.00	B-	1,167,890
1,465	6.000%, 6/01/42	6/17 at 100.00	В	1,205,871
435	5.875%, 6/01/47 Buckeye Tobacco Settlement Financing Authority, Ohio, Tobacco Settlement	6/17 at 100.00	В	356,991
3,720	Asset-Backed Revenue Bonds, Senior Lien, Series 2007A-3, 6.250%,	6/22 at 100.00	В–	3,199,014
	6/01/37 Ohio Turnpike Commission, Turnpike Revenue Bonds, Infrastructure Project, Junior			
1,475	Lien Series 2013A-1, 5.000%, 2/15/48	2/23 at 100.00	A+	1,630,671
8,440	Total Ohio Oklahoma – 0.8%			7,560,437
1,500	Tulsa, Oklahoma, General Obligation Bonds, Series 2013, 4.000%, 3/01/15 Pennsylvania – 1.9%	No Opt. Call	Aa1	1,509,855
2.425	Dauphin County Industrial Development Authority, Pennsylvania, Water Development	N. O. C.II		2714.465
2,435	Revenue Refunding Bonds, Dauphin Consolidated Water Supply Company, Series 1992B, 6.700%, 6/01/17	No Opt. Call	A-	2,714,465
	Pennsylvania Turnpike Commission, Motor	12/20		
1,000	License Fund-Enhanced Subordinate Special Revenue	12/20 at 100.00	AA-	1,051,330
2 42 7	Bonds, Series 2010B, 0.000%, 12/01/30			2 = 6 = = 0 =
3,435	Total Pennsylvania Puerto Rico – 2.0% Puerto Rico Highway and Transportation			3,765,795
945	Authority, Highway Revenue Bonds, Series 2007N, 5.250%,	No Opt. Call	В	898,459
ノゴジ	7/01/31 – AMBAC Insured Puerto Rico Sales Tax Financing Corporation,	Tio Opt. Can	D	070, 1 37
1,170	Sales Tax Revenue Bonds, Series 2007A: 0.000%, 8/01/40 – NPFG Insured	No Opt Coll	AA-	226,348
1,170	0.000%, 8/01/40 – NPFG Insured 0.000%, 8/01/41 – NPFG Insured	No Opt. Call No Opt. Call	AA- AA-	2,177,160
12,000	0.000 /0, 0/01/41 - 101 1 O HISUICU	140 Opt. Call	AA-	2,177,100

9,015 23,130	0.000%, 8/01/54 – AMBAC Insured Total Puerto Rico Rhode Island – 0.6%	No Opt. Call	BBB	691,090 3,993,057
1,150	Rhode Island Economic Development Corporation, Airport Revenue Bonds, Refunding Series 2005A, 4.625%, 7/01/26 – NPFG Insured (Alternative Minimum Tax) South Carolina – 0.7%	7/15 at 100.00	AA-	1,154,623
1,500	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Refunding Bonds, Series 1991A, 6.500%, 1/01/15 – NPFG Insured Tennessee – 0.5%	No Opt. Call	A3	1,500,000
795	Chattanooga Health, Educational and Housing Facility Board, Tennessee, Hospital Revenue Bonds,	1/23 at 100.00	A1	899,042
	Catholic Health Initiatives, Series 2013A, 5.250%, 1/01/45 Texas – 12.8% Central Texas Regional Mobility Authority, Revenue Bonds, Senior Lien Series 2011,			
250	6.000%, 1/01/41 Garland, Texas, General Obligation Bonds,	1/21 at 100.00	BBB	291,202
3,255	Series 2005A, 5.250%, 2/15/15 – AGM Insure Grand Parkway Transportation Corporation,	ed No Opt. Call	AAA	3,275,604
4,640	Texas, System Toll Revenue Bonds, First Tier Series 2013A, 5.500%, 4/01/53 Harris County-Houston Sports Authority, Texas, Revenue Bonds, Junior Lien Series	10/23 at 100.00	BBB+	5,151,096
	2001H:			
1,345	0.000%, 11/15/32 – NPFG Insured	11/31 at 94.05	AA-	585,331
2,510	0.000%, 11/15/36 – NPFG Insured Harris County-Houston Sports Authority, Texas, Revenue Bonds, Third Lien Series	11/31 at 73.51	AA-	826,091
2,235	2004A-3, 0.000%, 11/15/32 – NPFG Insured Harris County-Houston Sports Authority, Texas, Special Revenue Bonds, Refunding Senior Lien	11/24 at 62.70	AA-	892,793
2,845	Series 2001A: 0.000%, 11/15/34 – NPFG Insured	11/30 at 78.27	AA	1,128,185
4,095	0.000%, 11/15/38 – NPFG Insured Kerrville Health Facilities Development Corporation, Texas, Revenue Bonds, Sid	11/30 at 78.27 11/30 at 61.17	AA	1,263,144
1,275	Peterson Memorial Hospital Project, Series 2005, 5.375%, 8/15/35	2/16 at 100.00	BBB	1,302,298
2,255	Love Field Airport Modernization Corporation, Texas, Special Facilities	11/20 at 100.00	BBB	2,434,318

	Revenue Bonds, Southwest Airlines Company, Series 2010, 5.250%, 11/01/40			
290	North Texas Tollway Authority, System Revenue Bonds, Refunding First Tier Capital Appreciation Series 2008I, 0.000%, 1/01/42 – AGC Insured Plano Independent School District, Collin	1/25 at 100.00	AA	362,413
4,000	County, Texas, General Obligation Bonds, Series 2010, 5.000%, 2/15/15	No Opt. Call	AAA	4,024,280
2,000	Texas Municipal Gas Acquisition and Supply Corporation III, Gas Supply Revenue Bonds, Series 2012, 5.000%, 12/15/32	No Opt. Call	A3	2,186,380
2,410	Texas Turnpike Authority, Central Texas Turnpike System Revenue Bonds, First Tier Series 2002A, 0.000%, 8/15/25 – AMBAC Insured	No Opt. Call	A-	1,694,736
33,405	Total Texas Utah – 1.0%			25,417,871
5,465	Utah Transit Authority, Sales Tax Revenue Bonds, Series 2007A, 0.000%, 6/15/36 Virginia – 3.6%	6/17 at 38.77	AA-	2,014,016
3,500	Chesapeake, Virginia, Transportation System Senior Toll Road Revenue Bonds, Capital Appreciation Series 2012B, 0.000%, 7/15/32 Henrico County Economic Development	7/28 at 100.00	BBB	2,475,270
815	Authority, Virginia, Residential Care Facility Revenue Bonds, Westminster Canterbury of Richmond,	10/15 at 101.00	BBB+	829,230
1.500	Series 2006, 5.000%, 10/01/35 Route 460 Funding Corporation, Virginia, Toll Road Revenue Bonds, Series 2012A,	No Opt Call	DDD	1 624 515
1,500	5.125%, 7/01/49 Virginia Small Business Financing Authority, Senior Lien Revenue Bonds, Elizabeth River Crossing,	No Opt. Call	BBB-	1,624,515
500 1,510 7,825	Opco LLC Project, Series 2012: 6.000%, 1/01/37 (Alternative Minimum Tax) 5.500%, 1/01/42 (Alternative Minimum Tax) Total Virginia Washington – 2.8%	7/22 at 100.00 7/22 at 100.00	BBB- BBB-	574,720 1,651,427 7,155,162
990	Washington Health Care Facilities Authority, Revenue Bonds, Fred Hutchinson Cancer Research Center, Series 2011A, 5.625%, 1/01/35	1/21 at 100.00	A	1,089,465
4,000	Washington Health Care Facilities Authority, Revenue Bonds, Providence Health & Services, Series 2012A, 5.000%, 10/01/32	10/22 at 100.00	AA	4,556,760

4,	990	Total Washington				5,646,225
1,	250	Wisconsin – 1.2% Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Marshfield Clinic, Series 2012B, 5.000%, 2/15/32	2/22 at 10	0.00	A-	1,378,012
	985	Wisconsin, General Obligation Refunding Bonds, Series 2003-3, 5.000%, 11/01/26	3/15 at 10	0.00	AA	988,881
2,	235	Total Wisconsin				2,366,893
\$ 263,		Total Municipal Bonds (Cost \$167,689,258)				189,750,046
Principal						
Amount						
(000)	Description (1)	Coupon	Maturity	Ratings (3)	Value
	CORPORAT	E BONDS – 0.0%				
	Transportatio	n 0.0%				
	•	onorail Company, Senior Interest Bonds (6),				
\$ 91	(7)		5.500%	7/15/19	N/R	\$ 16,425
		onorail Company, Senior Interest Bonds (6),				
25	` '		3.000%	7/15/55	N/R	3,291
\$ 116	_	ate Bonds (cost \$9,243)				19,716
	_	Ferm Investments (cost \$167,698,501)				189,769,762
	Other Assets	Less Liabilities – 4.5% (8)				8,975,939
						\$
	Net Assets –	100%				198,745,701

Investments in Derivatives as of December 31, 2014 Interest Rate Swaps outstanding:

		Fund					Unrealized
	Pa	y/Receive	Floating	Fixed Rate		Appreciation	
	Notional	Floating	RateFixed Rate	Payment	EffectiveTe	ermination	(Depreciation)
Counterparty	Amount	Rate	Index(Annualized)	Frequency	Date (9)	Date	(8)
Barclays	\$ 2,700,000	Receive U	JSD-BMA2.728%	Quarterly	5/28/15	5/28/24	\$ (198,846)
Barclays	4,600,000	Receive U	JSD-BMA2.597	Quarterly	6/12/15	6/12/26	(276,135)
JPMorgan	4,500,000	Receive U	JSD-BMA3.230	Quarterly	6/01/15	6/01/35	(656,538)
	\$11,800,000						\$(1,131,519)

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	\$ —	\$189,750,046	\$ —	- \$ 189,750,046
Corporate Bonds		_	19,716	19,716
Investments in Derivatives:				
Interest Rate Swaps*		(1,131,519)		- (1,131,519)
Total	\$ —	\$188,618,527	\$19,716	\$ 188,638,243
*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 December 31, 2014, the cost of investments (excluding investments in derivatives) was \$166,384,490.

Gross unrealized appreciation and gross unrealized depreciation of investments (excluding investments in derivatives) as of December 31, 2014, were as follows:

Gross unrealized:

Appreciation \$23,902,729 Depreciation (517,457)Net unrealized appreciation (depreciation) of investments \$23,385,272

- (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.
- Ratings: Using the highest of Standard & Poor's Group ("Standard & Poor's"), Moody's Investors Service, (3) Inc. ("Moody's") or Fitch, Inc. ("Fitch") rating. Ratings below BBB by Standard & Poor's, Baa by Moody's
 - BBB by Fitch are considered to be below investment grade. Holdings designated N/R are not rated by any of these national rating agencies.
 - Backed by an escrow or trust containing sufficient U.S. Government or U.S. Government agency
- (4)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, or portion of investment, has been pledged to collateralize the net payment obligations for investments in derivatives.
- Investment valued at fair value using methods determined in good faith by, or at the discretion of, the (6) Board of Trustees. For fair value measurement disclosure purposes, investment classified as Level 3. See Notes to Financial Statements, Note 2 - Investment Valuation and Fair Value Measurements for more information.
- During January 2010, Las Vegas Monorail Company ("Las Vegas Monorail") filed for federal bankruptcy (7)protection. During March 2012, Las Vegas Monorail emerged from federal bankruptcy with the
 - of a reorganization plan assigned by the Federal Bankruptcy Court. Under the reorganization plan, the
 - 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
- (8)instruments as listed within Investments in Derivatives as of the end of the reporting period.

(9)

Effective date represents the date on which both the Fund and Counterparty commence interest payment

accruals on each contract.

N/R Not rated.

(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: February 27, 2015

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: February 27, 2015

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

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date: February 27, 2015