NUVEEN SELECT MATURITIES MUNICIPAL FUND Form N-Q March 01, 2007

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-Q

QUARTERET SCHEDULE OF	TORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMFAIN
Investment Company Act file number _	811-7056

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333 West Wacker Drive, Chicago, Illinois 60606

Nuveen Select Maturities Municipal Fund
(Exact name of registrant as specified in charter)

(Address of principal executive offices) (Zip code)

Jessica R. Droeger Vice President and Secretary
333 West Wacker Drive, Chicago, Illinois 60606
(Name and address of agent for service)

Registrant's telephone numb	312-917-7700	
Date of fiscal year end:	03/31	
·		
Date of reporting period:	12/31/06	

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 Maturities Municipal Fund (NIM)

December 31, 2006

Principal Optional Office Amount (000) Description Provisions

Alabama 🛘 2.1%

		Alabalia 2.1%	
\$	2,000	Alabama 21st Century Authority, Tobacco Settlement Revenue Bonds, Series 2001, 5.750%, 12/01/17	12/11 at 101
	500	Marshall County Healthcare Authority, Alabama, Revenue Bonds, Series 2002A, 6.250%, 1/01/22	1/12 at 101
	2,500	Total Alabama	
		Arizona 🛘 0.9%	
	565	Phoenix Industrial Development Authority, Arizona, Statewide Single Family Mortgage Revenue	4/08 at 101
		Bonds, Series 1998C, 6.650%, 10/01/29 (Alternative Minimum Tax)	
	515	Winslow Industrial Development Authority, Arizona, Hospital Revenue Bonds, Winslow Memorial Hospital, Series 1998, 5.750%, 6/01/08	No Opt.
	1,080	Total Arizona	
_		Arkansas 🛮 4.1%	
	1,000	Fort Smith, Arkansas, Water and Sewer Revenue Refunding and Construction Bonds, Series 2002A, 5.250%, $10/01/17\ \Box$ FSA Insured	10/11 at 100
	1,500	Jefferson County, Arkansas, Pollution Control Revenue Bonds, Entergy Arkansas Inc. Project, Series 2006, 4.600%, 10/01/17	6/11 at 100
	1,000	Jonesboro, Arkansas, Industrial Development Revenue Bonds, Anheuser Busch Inc. Project, Series 2002, 4.600%, 11/15/12	No Opt.
	1,380	North Little Rock, Arkansas, Electric Revenue Refunding Bonds, Series 1992A, 6.500%, 7/01/15 [] MBIA Insured	No Opt.
	4,880	Total Arkansas	
		California 🛘 1.7%	
	2,115	Vernon, California, Electric System Revenue Bonds, Malburg Generating Station Project, Series 2003C, 5.250%, 4/01/17 (Pre-refunded 4/01/08)	4/08 at 100
		Colorado 🛘 13.4%	
	2,895	Centennial Downs Metropolitan District, Colorado, General Obligation Bonds, Series 1999, 5.000%, 12/01/20 $\ $ AMBAC Insured	12/14 at 100
	1,175	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Classical Academy, Series 2003, 4.500%, 12/01/18 🛘 XLCA Insured	12/13 at 100
	1,350	Colorado Educational and Cultural Facilities Authority, Charter School Revenue Bonds, Douglas County School District RE-1 🛘 DCS Montessori School, Series 2002A, 6.000%, 7/15/22	7/12 at 100
	405	Colorado Housing Finance Authority, Single Family Program Senior Bonds, Series 2000D-2, 6.900%, 4/01/29 (Alternative Minimum Tax)	4/10 at 105
	1,025	Denver Health and Hospitals Authority, Colorado, Healthcare Revenue Bonds, Series 2001A, 6.000%, 12/01/23	12/11 at 100
	1,465	Denver West Metropolitan District, Colorado, General Obligation Refunding and Improvement Bonds, Series 2003, 4.500%, 12/01/18 🛘 RAAI Insured	12/13 at 100
	1,340	Eagle Bend Metropolitan District 2, Colorado, General Obligation Bonds, Series 2004, 5.000%, 12/01/20 RAAI Insured	12/14 at 10:
	85	El Paso County, Colorado, FNMA Mortgage-Backed Single Family Revenue Refunding Bonds, Series 1992A-2, 8.750%, 6/01/11	No Opt.
	1,750	Erie, Boulder and Weld Counties, Colorado, Water Enterprise Revenue Bonds, Series 1998,	12/08 at 100

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	5.000%, 12/01/23 [] ACA Insured	
70	Northwest Parkway Public Highway Authority, Colorado, Revenue Bonds, Senior Series 2001A,	6/11 at 102
	5.250%, 6/15/41 [] FSA Insured	
5,875	Northwest Parkway Public Highway Authority, Colorado, Senior Lien Revenue Bonds, Series 2001B,	6/11 at 38
	0.000%, 6/15/27 [] AMBAC Insured	
2,845	University of Colorado Hospital Authority, Revenue Bonds, Series 2001A, 5.600%, 11/15/21	11/11 at 100
20,280	Total Colorado	
	Connecticut [] 1.7%	
	Eastern Connecticut Resource Recovery Authority, Solid Waste Revenue Bonds, Wheelabrator	
	Lisbon Project, Series 1993A:	
500	5.500%, 1/01/14 (Alternative Minimum Tax)	1/07 at 100
1,570	5.500%, 1/01/15 (Alternative Minimum Tax)	1/15 at 100
2,070	Total Connecticut	
	District of Columbia ☐ 0.5%	
685	District of Columbia, General Obligation Refunding Bonds, Series 1993A, 6.000%, 6/01/07 🛘 MBIA	No Opt.
85	Insured District of Columbia, General Obligation Refunding Bonds, Series 1993A, 6.000%, 6/01/07 MBIA	No Opt.
65	Insured (ETM)	Νο Ορι.
770	Total District of Columbia	
	Florida 🛘 3.8%	
2,400	Deltona, Florida, Utility Systems Water and Sewer Revenue Bonds, Series 2003, 5.250%, 10/01/17 MBIA Insured	10/13 at 100
2 000	Orange County, Florida, Tourist Development Tax Revenue Bonds, Series 2005, 5.000%,	10/15 at 100
2,000	10/01/22 AMBAC Insured	10,13 40 100
4,400	Total Florida	
	Illinois 🛘 12.1%	
845	Chicago, Illinois, Tax Increment Allocation Bonds, Irving/Cicero Redevelopment Project, Series 1998, 7.000%, 1/01/14	1/09 at 100
1,500	Cook County Township High School District 208, Illinois, General Obligation Bonds, Series 2006, 5.000%, 12/01/21 MBIA Insured	12/15 at 100
4,905		4/11 at 105
4,505	American Nursing Home Committee, Series 2000A, 7.600%, 4/20/40	4/11 dt 103
2,000	Illinois Development Finance Authority, Revenue Refunding Bonds, Olin Corporation, Series	4/10 at 102
	1993D, 6.750%, 3/01/16	
2,000	<i>y</i> .	3/34 at 100
1,000	2000, 4.450%, 3/01/34 (Mandatory put 3/01/15) Illinois Educational Facilities Authority, Student Housing Revenue Bonds, Educational	5/12 at 101
1,000	Advancement Foundation Fund, University Center Project, Series 2002, 6.625%, 5/01/17	J/12 at 101
	(Pre-refunded 5/01/12)	
695	Illinois Health Facilities Authority, Revenue Bonds, Silver Cross Hospital and Medical	8/09 at 101
	•	

9 at 101
.9 at 100
7 at 100
No Opt.
0 at 100
1 at 101
1 at 101
5 at 100
7 at 100
0 at 100
2 at 100
No Opt.
7 at 101

470 Michigan State Hospital Finance Authority, Revenue Refunding Bonds, Detroit Medical Center,

Series 1988A, 8.125%, 8/15/12

8/12 at 100

2,274	Total Michigan	
	Minnesota 🛘 0.8%	
1,000	White Earth Band of Chippewa Indians, Minnesota, Revenue Bonds, Series 2000A, 7.000%,	No Opt.
	12/01/11 ☐ ACA Insured	
	Nebraska □ 0.8%	
1,000	Dodge County School District 1, Nebraska, Fremont Public Schools, General Obligation Bonds,	12/14 at 100
	Series 2004, 5.000%, 12/15/19 🛮 FSA Insured	
	New York ☐ 8.3%	
1,000	Dormitory Authority of the State of New York, Revenue Bonds, Brooklyn Law School, Series	7/13 at 100
	2003A, 5.500%, 7/01/15 🛘 RAAI Insured	
1,500	New York State Energy Research and Development Authority, Facilities Revenue Bonds,	6/36 at 100
	Consolidated Edison Company Inc., Series 2001A, 4.700%, 6/01/36 (Mandatory put 10/01/12)	
	(Alternative Minimum Tax)	
645	New York State Medical Care Facilities Finance Agency, FHA-Insured Mortgage Hospital and	2/07 at 101
	Nursing Home Revenue Bonds, Series 1995C, 6.100%, 8/15/15	
2,130		No Opt.
4 200	Series 1994, 8.500%, 11/01/07 MBIA Insured (Alternative Minimum Tax) (ETM)	No Ont
4,300	Port Authority of New York and New Jersey, Special Project Bonds, JFK International Air Terminal LLC, Sixth Series 1997, 7.000%, 12/01/12 [] MBIA Insured (Alternative Minimum Tax)	No Opt.
	reminal EEC, Sixth Series 1997, 7.000%, 12/01/12 MDIA HIStred (Alternative Minimum Tax)	
9,575	Total New York	
	North Carolina ☐ 1.6%	
1,880	Union County, North Carolina, Certificates of Participation, Series 2003, 5.000%, 6/01/18 [6/13 at 101
	AMBAC Insured	
	Ohio 🛮 0.8%	
1,000	Toledo-Lucas County Port Authority, Ohio, Port Revenue Bonds, Cargill Inc., Series 2004B,	No Opt.
	4.500%, 12/01/15	·
	Oklahoma 🛘 0.9%	
1,150	Oklahoma State Industries Authority, Health System Revenue Refunding Bonds, Baptist Medical	2/07 at 102
	Center, Series 1995D, 5.000%, 8/15/14 [] AMBAC Insured	
	Pennsylvania ☐ 7.4%	
1,205	Pennsylvania Higher Educational Facilities Authority, College Revenue Bonds, Ninth Series	No Opt.
	1976, 7.625%, 7/01/15 (ETM)	·
4,120	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, Eighteenth Series 2004, 5.000%, 8/01/15	8/14 at 100
	AMBAC Insured	
175	Philadelphia Gas Works, Pennsylvania, Revenue Bonds, Twelfth Series 1990B, 7.000%, 5/15/20 🛘	No Opt.
	MBIA Insured (ETM)	
2,085	Pittsburgh School District, Allegheny County, Pennsylvania, General Obligation Bonds, Series	No Opt.

2006B, 5.000%, 9/01/12 [] AMBAC Insured

1,000	Pittsburgh, Pennsylvania, General Obligation Bonds, Series 2005A, 5.000%, 9/01/11 [] MBIA Insured	No Opt.
8,585	Total Pennsylvania	
	South Carolina 🛘 6.5%	
750	Berkeley County School District, South Carolina, Installment Purchase Revenue Bonds, Securing Assets for Education, Series 2003, 5.250%, 12/01/19	12/13 at 10
1,540	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 6.750%, 1/01/19 [] FGIC Insured (ETM)	No Opt
2,835	Piedmont Municipal Power Agency, South Carolina, Electric Revenue Bonds, Series 1991, 6.750%, 1/01/19 [] FGIC Insured	No Opt
1,260	South Carolina JOBS Economic Development Authority, Hospital Revenue Bonds, Palmetto Health Alliance, Series 2000A, 7.000%, 12/15/10 (ETM)	No Opt
500		5/11 at 10
6,885	Total South Carolina	
	Tennessee [] 1.8%	
	Shelby County Health, Educational and Housing Facilities Board, Tennessee, Hospital Revenue	
	Bonds, Methodist Healthcare, Series 2002:	
750	6.000%, 9/01/17 (Pre-refunded 9/01/12)	9/12 at 1
1,250	6.000%, 9/01/17 (Pre-refunded 9/01/12)	9/12 at 10
2,000	Total Tennessee	
	Texas [] 5.8%	
1,055	Austin, Texas, General Obligation Bonds, Series 2004, 5.000%, 9/01/20 🛮 MBIA Insured	9/14 at 1
2,000	Brazos River Authority, Texas, Collateralized Revenue Refunding Bonds, CenterPoint Energy Inc., Series 2004B, 4.250%, 12/01/17 [] FGIC Insured	6/14 at 1
1,875	Denton Independent School District, Denton County, Texas, General Obligation Bonds, Series 2006, 5.000%, 8/15/20	8/16 at 1
115	Galveston Property Finance Authority Inc., Texas, Single Family Mortgage Revenue Bonds, Series 1991A, 8.500%, 9/01/11	3/07 at 1
1,500	Texas Municipal Gas Acquistion and Supply Corporation I, Gas Supply Revenue Bonds, Series 2006B, 4.148%, 12/15/17	1/07 at 1
100	Travis County Health Facilities Development Corporation, Texas, Hospital Revenue Bonds, Daughters of Charity National Health System, Series 1993B, 5.900%, 11/15/07 (ETM)	5/07 at 1
415	Tri-County Mental Health and Retardation Center, Texas, Revenue Bonds, Facilities Acquisition Program, Series 1995E, 6.500%, 3/01/15 FSA Insured	3/07 at 1
7,060	Total Texas	
	Utah [] 1.4%	

No Opt.

1,690 Bountiful, Davis County, Utah, Hospital Revenue Refunding Bonds, South Davis Community

Hospital Project, Series 1998, 6.000%, 12/15/10

	Washington ☐ 4.0%	-
	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 1,	
	Series 1993A:	
1,340	7.000%, 7/01/07 (ETM)	No Opt.
1,130	7.000%, 7/01/08 (ETM)	No Opt.
	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 1,	
	Series 1993A:	
160	7.000%, 7/01/07	No Opt.
1,870	7.000%, 7/01/08	No Opt.
295	Washington Public Power Supply System, Revenue Refunding Bonds, Nuclear Project 3,	No Opt.
	Series 1989B, 7.125%, 7/01/16 [] MBIA Insured	
4,795	Total Washington	
	West Virginia ☐ 1.6%	
2,000	Harrison County Commission, West Virginia, Solid Waste Disposal Revenue Bonds, West Penn Power	8/24 at 10
	Company, Series 1994C, 6.750%, 8/01/24 [] MBIA Insured (Alternative Minimum Tax)	
	Wisconsin [] 3.8%	
	Badger Tobacco Asset Securitization Corporation, Wisconsin, Tobacco Settlement Asset-Backed	
	Bonds, Series 2002:	
840	6.125%, 6/01/27	6/12 at 100.0
1,480	6.375%, 6/01/32	6/12 at 100.0
1,000	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Agnesian Healthcare	7/11 at 100.0
	Inc., Series 2001, 6.000%, 7/01/21	
1,150	Wisconsin Health and Educational Facilities Authority, Revenue Bonds, Aurora Health Care Inc., Series 1999A, 5.500%, 2/15/20 🛘 ACA Insured	2/09 at 101.
4,470	Total Wisconsin	
\$ 120,014	Total Investments (cost \$119,742,519) [] 97.4%	,
	Other Assets Less Liabilities [] 2.6%	
	Net Assets [] 100%	

- (1) 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.
- (2) Ratings: Using the higher of Standard & Poor\[\]s or Moody\[\]s rating. Ratings below BBB by Standard & Poor\[\]s Group or Baa by Moody\[\]s Investor Service, Inc. are considered to be below investment grade.
- (3) 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.

(ETM) Escrowed to maturity.

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 the treatment of paydown gains and losses, timing differences in recognizing taxable market discount and timing differences in recognizing certain gains and losses on investment transactions.

At December 31, 2006, the cost of investments was \$119,696,377.

Gross unrealized appreciation and gross unrealized depreciation of investments at December 31, 2006, were as follows:

Gross unrealized:	
Appreciation	\$3,910,192
Depreciation	(478,256)
Net unrealized appreciation (depreciation) of investments	\$3,431,936

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: 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 Maturities Municipal Fund
By (Signature and Title)*	/s/ Jessica R. Droeger
, ,	Jessica R. Droeger
	Vice President and Secretary

SIGNATURES 8

Date <u>March 1, 2007</u>	
	of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed as 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)
DateMarch 1, 2007	
By (Signature and Title)*	/s/ Stephen D. Foy Stephen D. Foy Vice President and Controller (principal financial officer)
Date <u>March 1, 2007</u>	

SIGNATURES 9

^{*} Print the name and title of each signing officer under his or her signature.