Nuveen Build America Bond Opportunity Fund Form N-Q February 29, 2012

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 811-22425

Nuveen Build America Bond Opportunity Fund (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: 12/31/11

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 Build America Bond Opportunity Fund (NBD) December 31, 2011

			Optional		
	rincipal		Call	D. et	
F	Amount		Provisions	Ratings	1
	(000)	Description (1)	(2)	(3) Va	lue
		California – 17.5% (15.2% of Total Investments)	N. O.		
ф	1.020	Bay Area Toll Authority, California, Revenue Bonds, San Francisco	No Opt.	A C	1 271 000
\$	1,030	Bay Area Toll Bridge,	Call	A+ \$	1,371,888
		Subordinate Lien, Build America Federally Taxable Bond Series			
		2010S-1, 7.043%, 4/01/50	N. O		
	1.500	California State Public Works Board, Lease Revenue Bonds,	No Opt.		1 562 025
	1,500	Various Capital Projects, Build	Call	A2	1,763,025
		America Taxable Bond Series 2009G-2, 8.361%, 10/01/34	0.100		
	2 000	Hayward Unified School District, Alameda County, California,	8/20 at		2 21 6 220
	2,000	General Obligation Bonds, Build	100.00	AA–	2,216,320
		America Taxable Bonds, Series 2010B, 7.350%, 8/01/43 – AGM			
		Insured (4)	N. O		
	2 000	Los Angeles Community College District, Los Angeles County,	No Opt.		7.150.100
	2,000	California, General Obligation	Call	Aa1	5,150,100
		Bonds, Tender Option Bond Trust TN027, 29.482%, 8/01/49 (IF)			
		(4)			
	1 000	Los Angeles County Public Works Financing Authority, California,	No Opt.		1 222 (20
	1,000	Lease Revenue Bonds, Multiple	Call	A+	1,232,630
		Capital Projects I, Build America Taxable Bond Series 2010B,			
		7.618%, 8/01/40	N. O		
	2 000	Los Angeles Department of Water and Power, California, Water	No Opt.		5 5 41 200
	2,000	System Revenue Bonds, Tender	Call	AA	5,541,300
		Option Bond Trust T0003, 29.624%, 7/01/42 (IF) (4)	N. O.		
	1 000	Oakland Redevelopment Agency, California, Subordinated Housing	No Opt.		1 112 000
	1,000		Call	A	1,113,090
		Federally Taxable Series 2011A-T, 7.500%, 9/01/19	N. O.		
	0.175	San Diego County Regional Transportation Commission,	No Opt.		2.702.260
	2,175	California, Sales Tax Revenue Bonds,	Call	AAA	2,782,260
		Build America Taxable Bonds Series 2010A, 5.911%, 4/01/48	NI - Out		
	2 000	San Francisco City and County, California, Certificates of	No Opt.		2.715.200
	2,000	Participation, 525 Golden Gate	Call	AA–	2,715,200
		Avenue, San Francisco Public Utilities Commission Office Project,			
		Tender Option Bond Trust			
		B001, 28.877%, 11/01/41 (IF) Stanton Redevelopment Agency, California, Consolidated Project	No Ont		
	215		No Opt.	٨	225 421
	313	Tax Allocation Bonds, Series 2011A, 7.000%, 12/01/19	Call	A–	335,421
	3,000	2011A, 1.00070, 12/01/17		Aa2	3,614,790
	3,000			Maz	3,014,790

	The Regents of the University of California, Medical Center Pooled Revenue Bonds, Build	No Opt. Call		
18,020	America Taxable Bonds, Series 2010H, 6.548%, 5/15/48 Total California			27,836,024
4,000	Colorado – 4.9% (4.2% of Total Investments) Colorado State Bridge Enterprise Revenue Bonds, Federally Taxable Build America Series 2010A, 6.078%, 12/01/40	No Opt. Call	AA	5,061,080
2,000	Regional Transportation District, Colorado, Sales Tax Revenue Bonds, FasTracks Project, Build America Series 2010B, 5.844%, 11/01/50	No Opt. Call	AA+	2,612,820
6,000	Total Colorado			7,673,900
1,500	Connecticut – 1.0% (0.9% of Total Investments) Harbor Point Infrastructure Improvement District, Connecticut, Special Obligation Revenue Bonds, Harbor Point Project, Federally Taxable – Issuer Subsidy – Pagewary Zone Federalis	4/20 at 100.00	N/R	1,612,575
800	Recovery Zone Economic Development Bond Series 2010B, 12.500%, 4/01/39 District of Columbia – 0.6% (0.5% of Total Investments) District of Columbia, Income Tax Secured Revenue Bonds, Build America Taxable Bonds, Series 2009E, 5.591%, 12/01/34 (4) Georgia – 3.3% (2.8% of Total Investments)	No Opt. Call	AAA	978,848
2,000	Georgia Municipal Electric Authority, Plant Vogtle Units 3 & 4 Project J Bonds, Taxable Build America Bonds Series 2010A, 6.637%, 4/01/57	No Opt. Call	A+	2,118,780
3,000	Georgia Municipal Electric Authority, Plant Vogtle Units 3 & 4 Project P Bonds, Refunding Tayahla Build America Bonds Series 2010A, 7.055%, 4/01/57	No Opt. Call	A-	3,108,330
5,000	Taxable Build America Bonds Series 2010A, 7.055%, 4/01/57 Total Georgia			5,227,110
5,000	Illinois – 17.4% (15.1% of Total Investments)			3,227,110
3,575	Chicago Transit Authority, Illinois, Sales Tax Receipts Revenue Bonds, Federally Taxable Build America Bonds, Series 2010B, 6.200%, 12/01/40	No Opt. Call	AA	4,038,356
5,050	Chicago, Illinois, Wastewater Transmission Revenue Bonds, Build America Taxable Bond Series 2010B, 6.900%, 1/01/40 (4)	No Opt. Call	Aa3	6,289,624
3,000	Chicago, Illinois, Water Revenue Bonds, Taxable Second Lien Series 2010B, 6.742%, 11/01/40 Cook County, Illinois, General Obligation Bonds, Build America	No Opt. Call No Opt.	AA-	3,831,660
1,000	Taxable Bonds, Series 2010D, 6.229%, 11/15/34	Call	AA	1,112,290
500	Illinois Finance Authority, Revenue Bonds, Illinois Institute of Technology, Refunding Series 2006A, 6.100%, 4/01/15	3/12 at 100.00	Baa3	475,945
2,000	Illinois State, General Obligation Bonds, Build America Taxable Bonds, Series 2010-5, 7.350%, 7/01/35	No Opt. Call	A+	2,187,500
3,500	Illinois Toll Highway Authority, Toll Highway Revenue Bonds, Build America Taxable Bonds, Senior Lien Series 2009A, 6.184%, 1/01/34	No Opt. Call	AA-	4,148,445

2,500	Northern Illinois Municipal Power Agency, Power Project Revenue Bonds, Prairie State Project,	No Opt. Call	A2	3,178,500
	Build America Taxable Bond Series 2010A, 7.820%, 1/01/40 The Board of Trustee of Northern Illinois University, Auxiliary	3/12 at		
2,000	Facilities System Revenue Bonds Federally Taxable Build America Series 2010, 7.947%,	100.00	Aa3	2,381,500
23,125	4/01/35 – AGM Insured Total Illinois			27,643,820
	Indiana – 2.0% (1.7% of Total Investments)	N. O.		
2,500	Indianapolis Local Public Improvement Bond Bank, Indiana, Build America Taxable Bonds, Series 2010B-2, 6.116%, 1/15/40	No Opt. Call	AA+	3,211,225
	Kentucky – 2.4% (2.1% of Total Investments)			
3,000	Louisville and Jefferson County Metropolitan Sewer District, Kentucky, Sewer and Drainage System Revenue Bonds, Build America Taxable Bonds Series	No Opt. Call	AA	3,764,640
	2010A, 6.250%, 5/15/43			
	Massachusetts – 3.2% (2.8% of Total Investments)			
2 000	Massachusetts, Transportation Fund Revenue Bonds, Accelerated	No Opt.	AAA	£ 120 100
2,000	Bridge Program, Tender Option Bond Trust T0004, 25.090%, 6/01/40 (IF) (4)	Call	AAA	5,128,100
	Michigan – 5.0% (4.3% of Total Investments)			
	Detroit City School District, Wayne County, Michigan, General	5/20 at		
3,000	Obligation Bonds, Build America	100.00	Aa2	3,108,360
	Taxable Bond Series 2010B, 6.845%, 5/01/40			
1 000	Grand Rapids, Michigan, Sanitary Sewer System Revenue Bonds,	No Opt.		1 220 040
1,000	Build America Taxable Bond Series 2010A, 6.720%, 1/01/41	Call	AA+	1,229,840
	Michigan Tobacco Settlement Finance Authority, Tobacco	6/22 at		
2,000	Settlement Asset-Backed Revenue Bonds,	100.00	BB+	1,417,080
,	Taxable Turbo Series 2006A, 7.309%, 6/01/34			
	Wayne County Building Authority, Michigan, General Obligation	12/20 at		
2,000	Bonds, Jail Facilities,	100.00	BBB+	2,225,720
	Federally Taxable Recovery Zone Economic Development Series			
8,000	2010, 10.000%, 12/01/40 Total Michigan			7,981,000
0,000	Minnesota – 1.9% (1.7% of Total Investments)			7,501,000
	Western Minnesota Municipal Power Agency, Power Supply	No Opt.		
2,500	Revenue Bonds, Build America Taxable	Call	A1	3,046,500
	Bond Series 2010C, 6.770%, 1/01/46			
	Mississippi – 1.8% (1.6% of Total Investments)	N. O.		
2.500	Mississippi State, General Obligation Bonds, Build America	No Opt. Call	Λ Λ	2 965 100
2,500	Taxable Bond Series 2010F, 5.245%, 11/01/34 (4)	Can	AA	2,865,100
	Missouri – 3.0% (2.6% of Total Investments)			
	Curators of the University of Missouri, System Facilities Revenue	No Opt.		
1,150	Bonds, Build America Taxable	Call	AA+	1,448,195
	Bonds, Series 2010, 5.792%, 11/01/41			
2.500	Missouri Joint Municipal Electric Utility Commission, Prairie State	No Opt.	4.2	2 222 500
2,500	Power Project Revenue	Call	A3	3,333,500

	Bond, Federally Taxable Build America Bonds – Direct Pay, Series 2010A, 7.897%, 1/01/42			
3,650	Total Missouri			4,781,695
	Nevada – 2.6% (2.3% of Total Investments)	=440		
4 0 7 0	Clark County, Nevada, Airport Revenue Bonds, Senior Lien Series	7/19 at		2 1 7 2 1 2 2
1,950	2009B, 6.881%, 7/01/42	100.00	Aa2	2,178,423
	Clark County, Nevada, Airport System Revenue, Taxable Direct	No Opt.		
500	Payment Build America Bonds,	Call	Aa2	638,390
	Senior Series 2010C, 6.820%, 7/01/45			
	Washoe County, Nevada, Highway Revenue, Motor Vehicle Fuel	No Opt.		
1,000	•	Call	A+	1,362,220
	Pay Build America Bonds, Series 2010E, 7.969%, 2/01/40			
3,450	Total Nevada			4,179,033
	New Jersey – 5.8% (5.0% of Total Investments)			
	New Jersey Transportation Trust Fund Authority, Transportation	No Opt.		
3,000	·	Call	A+	3,289,440
	Bonds Issuer Subsidy Program, Series 2010C, 5.754%, 12/15/28			
	New Jersey Turnpike Authority, Revenue Bonds, Build America	No Opt.		
2,500	Taxable Bonds, Series 2010A,	Call	A+	3,450,075
	7.102%, 1/01/41			
	Rutgers State University, New Jersey, Revenue Bonds, Build	No Opt.		
2,050	America Taxable Bond Series 2010H,	Call	AA	2,443,539
	5.665%, 5/01/40			
7,550	Total New Jersey			9,183,054
	New York – 13.4% (11.6% of Total Investments)			
	Dormitory Authority of the State of New York, State Personal	No Opt.		
2,000	Income Tax Revenue Bonds, Tender	Call	AAA	4,000,900
	Option Bond Trust B004, 24.605%, 3/15/40 (IF)			
	Metropolitan Transportation Authority, New York, Transportation	No Opt.		
2,000	· · · · · · · · · · · · · · · · · · ·	Call	A	2,488,060
	Taxable Issuer Subsidy Build America Bonds, Series 2010A,			
	6.668%, 11/15/39			
	New York City Municipal Water Finance Authority, New York,	No Opt.		
3,000	Water and Sewer System Revenue	Call	AA+	3,444,240
	Bonds, Second Generation Resolution, Build America Taxable			
	Bonds, Fiscal 2011 Series AA,			
	5.440%, 6/15/43 (4)			
	New York City Municipal Water Finance Authority, New York,	No Opt.		
2,000	Water and Sewer System	Call	AA+	4,547,800
	Revenue Bonds, Second Generation Resolution, Taxable Tender			
	Option Bonds Trust T30001-2,			
	26.248%, 6/15/44 (IF)			
	New York City Transitional Finance Authority, New York,	No Opt.		
3,005	Building Aid Revenue Bonds, Build	Call	AA–	3,873,655
	America Taxable Bond Fiscal 2011 Series 2010S-1B, 6.828%,			
	7/15/40 (4)			
6. 7 • •	New York City, New York, General Obligation Bonds, Federally	12/20 at		2.020.775
2,500	Taxable Build America Bonds,	100.00	AA	2,928,575
44.70.5	Series 2010-F1, 6.646%, 12/01/31			
14,505	Total New York			21,283,230
	North Carolina – 1.0% (0.9% of Total Investments)			

1,400	North Carolina Turnpike Authority, Triangle Expressway System State Annual Appropriation	1/19 at 100.00	AA	1,589,546
	Revenue Bonds, Federally Taxable Issuer Subsidy Build America Bonds, Series 2009B,			
	6.700%, 1/01/39			
	Ohio – 3.5% (3.0% of Total Investments)			
• •••	American Municipal Power Inc., Ohio, Meldahl Hydroelectric	No Opt.		2 2 2 2 4 7 2
2,500	•	Call	A	3,279,150
	Taxable Build America Bonds, Series 2010B, 7.499%, 2/15/50 Northeast Ohio Regional Sewer District, Wastewater Improvement	11/20 at		
2.000	Revenue Bonds, Build America	100.00	AA+	2,229,100
_,000	Taxable Bonds, Series 2010, 6.038%, 11/15/40	100.00	1111	_,,,100
4,500	Total Ohio			5,508,250
	Pennsylvania – 4.3% (3.7% of Total Investments)			
	Kiski Area School District, Westmoreland County, Pennsylvania,	9/20 at		
1,000	General Obligation Bonds, Build	100.00	Aa3	1,160,490
	America Taxable Bond Series 2010, 6.626%, 9/01/35 – AGM			
	Insured Pennsylvania State, General Obligation Bonds, Build America	7/20 at		
2,500	Taxable Bonds, Third Series 2010B,	100.00	Aa1	2,814,475
2,200	5.850%, 7/15/30 (4)	100.00	1141	2,011,170
	Pennsylvania Turnpike Commission, Turnpike Revenue Bonds,	No Opt.		
2,500	Build America Taxable Bonds, Series	Call	Aa3	2,856,050
	2010B, 5.511%, 12/01/45			
6,000	Total Pennsylvania			6,831,015
	South Carolina – 8.2% (7.1% of Total Investments)	No Ont		
205	South Carolina Public Service Authority, Electric System Revenue Bonds, Santee Cooper,	No Opt. Call	AA-	594,387
203	Federally Taxable Build America Tender Option Bond Trust	Can	AA-	374,367
	T30002, 29.262%, 1/01/50 (IF)			
	South Carolina Public Service Authority, Electric System Revenue	No Opt.		
8,985	Bonds, Santee Cooper,	Call	AA-	12,398,312
	Federally Taxable Build America Series 2010C, 6.454%, 1/01/50			
0.400	(UB)			10.000 (00
9,190	Total South Carolina Tanassas 2.2% (2.0% of Total Investments)			12,992,699
	Tennessee – 2.3% (2.0% of Total Investments) Metropolitan Government Nashville & Davidson County	No Opt.		
3,000	· ·	Call	Aa2	3,615,000
2,000	Tourism Tax Revenue Bonds, Build America Taxable Bonds,	3.111		2,012,000
	Subordinate Lien Series 2010B,			
	6.731%, 7/01/43			
	Texas – 7.2% (6.2% of Total Investments)			
1.010	Board of Regents, University of Texas System, Financing System	8/19 at		2.064.205
1,810	Revenue Bonds, Build America Taxable Bonds, Series 2009B, 6.276%, 8/15/41 (4)	100.00	AAA	2,064,305
	Dallas Area Rapid Transit, Texas, Senior Lien Sales Tax Revenue	No Opt.		
2,705	Bonds, Build America Taxable	Call	AA+	3,580,446
,	Bonds, Series 2009B, 5.999%, 12/01/44			,,
	Dallas Convention Center Hotel Development Corporation, Texas,	No Opt.		
2 000	Danas Convention Center Hotel Bevelopment Corporation, Texas,	No Opt.		
2,000	Hotel Revenue Bonds, Build America Taxable Bonds, Series 09B, 7.088%, 1/01/42	Call	A+	2,270,540

1,500	Dallas Independent School District, Dallas County, Texas, General Obligation Bonds, School Building, Build America Taxable Bond Series 2010C, 6.450%,	2/21 at 100.00	AAA	1,776,045
	2/15/35 (4) North Texas Tollway Authority, System Revenue Bonds,	2/20 at		
1,500	Subordinate Lien Taxable Revenue Bonds,	100.00	Baa3	1,732,605
	Federally Taxable Build America Bonds, Series 2010-B2, 8.910%, 2/01/30			
9,515	Total Texas			11,423,941
	Virginia – 1.2% (1.0% of Total Investments)			
	Tobacco Settlement Financing Corporation of Virginia, Tobacco	6/12 at		
3,000	Settlement Asset Backed Bonds,	100.00	BB	1,870,020
	Refunding Senior Lien Series 2007A1, 6.706%, 6/01/46			
	Washington – 2.0% (1.7% of Total Investments)			
	Washington State Convention Center Public Facilities District,	No Opt.		
1,000	Lodging Tax Revenue Bonds,	Call	Aa3	1,245,450
	Build America Taxable Bond Series 2010B, 6.790%, 7/01/40			
	Washington State Economic Development Finance Authority,	No Opt.		
1,500	Biomedical Research Properties Lease	Call	AA+	1,933,215
	Revenue Bonds, BuilAmerica Series 2010, 6.516%, 7/01/42			
2,500	Total Washington			3,178,665
\$				
143,205	Total Investments (cost \$142,452,068) – 115.5%			183,404,990
	Floating Rate Obligations $-(4.5)\%$			(7,190,000)
	Other Assets Less Liabilities – (11.0)% (5)			(17,396,674)
	Net Assets Applicable to Common Shares – 100%			158,818,316

Investments in Derivatives at December 31, 2011:

Swaps

outstanding:

		Fund			Fixed Rate			Unrealized	d
				Fixed					
	Notional	Pay/Receive	Floating Rate	Rate	Payment	Effective	Termination	Appreciation	n
		Floating							
Counterparty	Amount	Rate	I(n Alex u	alized)	Frequency	Date (6)	Date	(Depreciation	.)
Barclays			1-Month						
Bank PLC	\$11,200,000	Receive	USD-LIBOR	2.240%	Monthly	12/17/10	12/17/15	\$(613,387)
Morgan			1-Month						
Stanley	11,200,000	Receive	USD-LIBOR	1.295	Monthly	12/17/10	12/17/13	(171,916)
Morgan			3-Month						
Stanley	20,000,000	Receive	USD-LIBOR	4.334	Semi-Annually	1/12/12	1/12/40	(7,269,034)
Morgan			3-Month						
Stanley	17,000,000	Receive	USD-LIBOR	4.600	Semi-Annually	1/27/12	1/27/40	(7,108,122)
Morgan			3-Month						
Stanley	12,000,000	Receive	USD-LIBOR	4.435	Semi-Annually	2/24/12	2/24/40	(4,570,918)
								\$(19,733,377	7)

Fair Value Measurements

Fair value is defined as the price that the Fund would receive 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 three-tier hierarchy of inputs is 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 December 31, 2011:

	Level 1	Level 2	Level 3	Total
Investments:				
Municipal Bonds	\$ —	\$183,404,990	\$	\$183,404,990
Derivatives:				

Swaps*	_	(19,733,377)	_	(19,733,377)
Total	\$—	\$163,671,613	\$—	\$163,671,613

^{*} Represents net unrealized appreciation (depreciation) as reported in the Fund's Portfolio of Investments.

During the period ended December 31, 2011, the Fund recognized no significant transfers to or from Level 1, Level 2 or Level 3.

Derivative Instruments and Hedging Activities

The Fund records derivative instruments at fair value, with changes in fair value recognized on the Statement of Operations, when applicable. Even though the Fund's investments in derivatives may represent economic hedges, they are not considered to be hedge transactions for financial reporting purposes.

The following table presents the fair value of all derivative instruments held by the Fund as of December 31, 2011, the location of these instruments on the Statement of Assets and Liabilities, and the primary underlying risk exposure.

Location on the Statement of Assets and Liabilities

Underlying Risk	Derivative	Asset De	rivatives	Liability Derivatives	
Exposure	Instrument	Location	Value	Location Unrealized	Value
Interest Rate	Swaps	Unrealized appreciation on swaps*	\$ <i>-</i>	depreciation on swaps*	\$19,733,377

^{*} Value represents cumulative gross appreciation (depreciation) of swap contracts as reported in the Fund's Portfolio of Investments.

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 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 December 31, 2011, the cost of investments (excluding investments in derivatives) was \$135,273,346. Gross unrealized appreciation and gross unrealized depreciation of investments (excluding investments in derivatives) at December 31, 2011, were as follows:

Gross unrealized:

Appreciation \$41,020,533

Depreciation (82,688)

Net unrealized appreciation (depreciation) of investments \$40,937,845

- (1) All percentages shown in the Portfolio of Investments are based on net assets unless otherwise noted. Optional Call Provisions: Dates (month and year) and prices of the earliest optional call or
- (2) 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) Investment, or portion of investment, has been pledged to collateralize the net payment obligations for investments in derivatives and/or inverse floating rate transactions.
- (5) Other Assets Less Liabilities includes the Net Unrealized Appreciation (Depreciation) of derivative instruments as listed within Investments in Derivatives at December 31, 2011. Effective date represents the date on which both the Fund and Counterparty commence interest
- (6) payment accruals on each forward swap contract.
- N/R Not rated.
- (IF) Inverse floating rate investment.
- (UB) Underlying bond of an inverse floating rate trust reflected as a financing transaction.
- USD-LIBOR United States Dollar-London Inter-Bank Offered Rate.

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 Build America Bond Opportunity Fund

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

Date February 29, 2012

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 29, 2012

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

Stephen D. Foy

Vice President and Controller (principal financial officer)

Date February 29, 2012