Nuveen Build America Bond Fund Form N-Q February 29, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-22391

Nuveen Build America Bond 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: 12/31/15

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 Build America Bond Fund (NBB) December 31, 2015 (Unaudited) Principal **Optional Call** Amount (000) Description (1) Provisions (2) Ratings (3) Value LONG-TERM INVESTMENTS - 122.2% (100.0% of Total Investments) MUNICIPAL BONDS - 121.7% (99.6% of Total Investments) Alabama -0.4% (0.2% of Total Investments) Baptist Health Care Authority, Alabama, An Affiliate of UAB Health System, Taxable **Bond Series** \$ 2,000 No Opt. Call A3 \$ 2,022,740 2013A, 5.500%, 11/15/43 Arizona – 1.0% (0.8% of Total Investments) Mesa, Arizona, Utility System Revenue 5,000 Bonds, Series 2010, 6.100%, 7/01/34 7/20 at 100.00 Aa2 5,573,950 California - 33.2% (27.2% of Total Investments) Alameda Corridor Transportation Authority, California, User Fee Revenue Bonds, 2,520 Subordinate No Opt. Call BBB+ 961,229 Lien Series 2004B, 0.000%, 10/01/31 -AMBAC Insured Bay Area Toll Authority, California, Revenue Bonds, San Francisco Bay Area Toll Bridge, 1,995 Build No Opt. Call AA 2,690,716 America Federally Taxable Bond Series 2009F-2, 6.263%, 4/01/49 Bay Area Toll Authority, California, Revenue 75 Bonds, San Francisco Bay Area Toll Bridge, No Opt. Call AA-92,235 Subordinate Lien, Build America Federally Taxable Bond Series 2010S-1, 6.793%, 4/01/30 California Infrastructure and Economic Development Bank, Revenue Bonds, 500 University of No Opt. Call AA-599,755 California San Francisco Neurosciences Building, Build America Taxable Bond Series 2010B,

	Edgar Filing: Nuveen Build America Bond	Fund - Form N-Q		
465	6.486%, 5/15/49 California Municipal Finance Authority Charter School Revenue Bonds, Albert Einstein Academies Project, Taxable Series 2013B, 7.000%,	No Opt. Call	BB	465,298
250	8/01/18 California School Finance Authority Charter, School Revenue Bonds, Rocketship Education, Mateo Sheedy Project, Series 2015B, 4.250%, 6/01/16, 144A	No Opt. Call	N/R	249,770
3,005	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Build America Taxable Bond Series 2009G-2, 8.361%, 10/01/34	No Opt. Call	A+	4,254,269
2,050	California State Public Works Board, Lease Revenue Bonds, Various Capital Projects, Build America Taxable Bond Series 2010A-2, 8.000%, 3/01/35	3/20 at 100.00	A+	2,371,051
7,000	California State University, Systemwide Revenue Bonds, Build America Taxable Bond Series 2010B, 6.484%, 11/01/41 California State, General Obligation Bonds,	No Opt. Call	Aa2	8,884,330
7,115	Various Purpose Build America Taxable Bond Series 2010, 7.950%, 3/01/36 California State, General Obligation Bonds,	3/20 at 100.00	AA–	8,439,600
16,610	Various Purpose, Build America Taxable Bond Series 2010, 7.600%, 11/01/40	No Opt. Call	AA-	24,755,875
15,000	Los Angeles Community College District, California, General Obligation Bonds, Build America Taxable Bonds, Series 2010, 6.600%, 8/01/42 Los Angeles Community College District, Los	No Opt. Call	AA+	20,560,049
10,000	Angeles County, California, General Obligation Bonds, Series 2010, 6.600%, 8/01/42, (UB) (4)	No Opt. Call	AA+	13,706,700
6,000	 Los Angeles County Metropolitan Transportation Authority, California, Measure R Sales Tax Revenue Bonds, Build America Taxable Bond Series 2010A, 5.735%, 6/01/39 Los Angeles County Public Works Financing Authority, California, Lease Revenue Bonds, Multiple 	No Opt. Call	AAA	7,314,060

	Edgar Filing: Nuveen Build America Bond	Fund - Form N-Q		
	Capital Projects I, Build America Taxable Bond Series 2010B:			
5,500	7.488%, 8/01/33	No Opt. Call	AA	7,178,985
18,085	7.618%, 8/01/40	No Opt. Call	AA	25,319,721
	Los Angeles Department of Airports, California, Revenue Bonds, Los Angeles	-		
9,390	International Airport, Build America Taxable Bonds, Series 2009C, 6.582%, 5/15/39 Los Angeles Department of Water and Power,	No Opt. Call	AA–	12,059,014
	California, Power System Revenue Bonds, Federally Taxable – Direct Payment – Build America			
	Bonds, Series 2010A:			
50	5.716%, 7/01/39	No Opt. Call	AA–	60,405
2,840	6.166%, 7/01/40	7/20 at 100.00	AA–	3,189,178
_,	Los Angeles Department of Water and Power, California, Power System Revenue Bonds,			
1,685	Federally	No Opt. Call	AA-	2,293,015
	Taxable – Direct Payment – Build America Bonds, Series 2010D, 6.574%, 7/01/45			
	Los Angeles Department of Water and Power, California, Water System Revenue Bonds,			
2,000	Tender	No Opt. Call	AA	5,674,500
2,000	Option Bond Trust T0003, 29.982%, 7/01/42, 144A (IF) (4)	No Opt. Can	АА	5,074,500
	Metropolitan Water District of Southern			
	California, Water Revenue Bonds, Build			
1,000	America Taxable	7/20 at 100.00	AAA	1,165,190
	Series 2010A, 6.947%, 7/01/40			
	Oakland Redevelopment Agency, California,			
2 000	Subordinated Housing Set Aside Revenue			2 2 40 200
3,000	Bonds,	No Opt. Call	A+	3,240,390
	Federally Taxable Series 2011A-T, 7.500%, 9/01/19			
	Sacramento Public Financing Authority,			
	California, Lease Revenue Bonds, Golden 1			
4,250	Center,	No Opt. Call	A+	4,526,250
1,200	Series 2015, 5.637%, 4/01/50			.,= _ ,
	San Francisco City and County Public			
	Utilities Commission, California, Water			
1,365	Revenue Bonds,	No Opt. Call	AA-	1,664,358
	Build America Taxable Bonds, Series 2010B,			
	6.000%, 11/01/40			
	San Francisco City and County Public			
	Utilities Commission, California, Water			14025 500
10,000	Revenue Bonds, Build America Taughla Banda Sarias 2010C	No Opt. Call	AA–	14,025,700
	Build America Taxable Bonds, Series 2010G, 6.950%, 11/01/50			
4,000	San Francisco City and County, California, Certificates of Participation, 525 Golden Gate	No Opt. Call	AA	7,602,400
т,000	Continuates of 1 anticipation, 525 Obluch Gale	no Opt. Call	ΠA	7,002,400

	Edgar Filing: Nuveen Build America Bond	l Fund - Form N-Q		
860	 Avenue, San Francisco Public Utilities Commission Office Project, Tender Option Bond Trust B001, 27.611%, 11/01/30, 144A (IF) Santa Clara Valley Transportation Authority, California, Sales Tax Revenue Bonds, Build America Taxable Bond Series 2010A, 5.876%, 4/01/32 Stanton Redevelopment Agency, California, Consolidated Project Tax Allocation Bonds, Series 2011A: 	No Opt. Call	AA+	1,033,393
275	6.500%, 12/01/17	No Opt. Call	А-	290,942
295	6.750%, 12/01/18	No Opt. Call	А-	320,258
2,505	University of California, General Revenue Bonds, Limited Project, Build America Taxable Bond	No Opt. Call	AA-	3,064,868
	Series 2010F, 5.946%, 5/15/45			
139,685	Total California Colorado – 0.6% (0.5% of Total Investments) Denver School District 1, Colorado, General Obligation Bonds, Build America Taxable			188,053,504
3,100	Bonds, Series 2009C, 5.664%, 12/01/33 Connecticut – 1.3% (1.1% of Total Investments) Harbor Point Infrastructure Improvement District, Connecticut, Special Obligation	No Opt. Call	AA+	3,674,585
6,300	Revenue Bonds, Harbor Point Project, Federally Taxable – Issuer Subsidy – Recovery Zone Economic Development Bond Series 2010B, 12.500%, 4/01/39 Florida – 1.0% (0.8% of Total Investments) Florida State Board of Education, Public Education Capital Outlay Bonds, Build	4/20 at 100.00	N/R	7,395,885
5,000	America Taxable Bonds, Series 2010G, 5.750%, 6/01/35	6/19 at 100.00	AAA	5,417,850