NUVEEN MUNICIPAL HIGH INCOME OPPORTUNITY FUND Form SC 13G/A

February 03, 2014

UNITED STATES* SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 2) *

Nuveen Municipal High Income Opportunity Fund _____ (Name of Issuer)

Common

(Title of Class of Securities)

670682103 _____ (CUSIP Number)

December 31, 2013 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

> [X] Rule 13d-1(b) [] Rule 13d-1(c) [] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

- 1 -

Names of Reporting Persons, I.R.S. Identification Nos. of above persons (entities only):
 First Trust Portfolios L.P.: 36-3768815

First Trust Advisors L.P.: 36-3788904

The Charger Corporation: 36-3772451

- Check the Appropriate Box if a Member of a Group (See Instructions)
 - (a) []
 - (b) []
- 3. SEC Use Only
- 4. Citizenship or Place of Organization of each

Reporting Person: Illinois, U.S.A.

Number of Shares Beneficially Owned by Each Reporting Person With:

- 5. Sole Voting Power: 0
- Owned by Each 6. Shared Voting Power:
 Reporting Such shares are held by the following entities in the
 Person With: respective amounts listed:

First Trust Portfolios L.P.: 0

First Trust Advisors L.P.: 62,381

The Charger Corporation: 62,381

- 7. Sole Dispositive Power: 0
- 8. Shared Dispositive Power:

Such shares are held by the following entities in the respective amounts listed:

First Trust Portfolios L.P.: 5,701,400

First Trust Advisors L.P.: 5,763,781

The Charger Corporation: 5,763,781

- Aggregate Amount Beneficially Owned by Each Reporting Person: 5,763,781
- 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

- 2 -

- 11. Percent of Class Represented by Amount in Row (9): 11.52%
- 12. Type of Reporting Person (See Instructions)

First Trust Portfolios L.P. - BI

First Trust Advisors L.P. - IA

The Charger Corporation - HC

ITEM 1.

- (a) Name of Issuer: Nuveen Municipal High Income Opportunity
- (b) Address of issuer's Principal Executive Offices

Attn: Legal Department 333 West Wacker Drive Chicago, IL 60606 USA

ITEM 2.

(a) Name of Person Filing

First Trust Portfolios L.P. First Trust Advisors L.P. The Charger Corporation

(b) Address of Principal Business Office or, if none, Residence

First Trust Portfolios L.P. 120 East Liberty Drive, Suite 400 Wheaton, Illinois 60187

First Trust Advisors L.P. 120 East Liberty Drive, Suite 400 Wheaton, Illinois 60187

The Charger Corporation 120 East Liberty Drive, Suite 400 Wheaton, Illinois 60187

(c) Citizenship of each Reporting Person:

Illinois, U.S.A.

(d) Title of Class of Securities

Common Stock

(e) CUSIP Number 670682103

- 3 -

- ITEM 3. If this statement is filed pursuant to Sec. 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
 - (a) x Broker or dealer registered under section 15 of the Act (15 U.S.C. 780).
 - (b) Bank as defined in section 3(a)(6) of the Act (15 U.s.c. 78c).
 - (c) Insurance company as defined in section 3(a)(19) of the Act $(15\ U.S.C.\ 78c)$.
 - (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
 - (e) x An investment adviser in accordance with Sec. 240.13d-1 (b) (1) (ii) (E).
 - (f) An employee benefit plant or endowment fund in accordance with Sec. 140.13d-1 (b) (1) (ii) (F).
 - (g) x A parent holding company or control person in accordance with Sec. 240.13d-1 (b) (1) (ii) (G).
 - (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).
 - (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3).
 - (j) Group, in accordance with Sec. 240.13d-1(b)1(ii)(J).

ITEM 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: 5,763,781
- (b) Percent of class: 11.52%
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote: 0
 - (ii) Shared power to vote or to direct the vote: 62,381
 - (iii) Sole power to dispose or to direct the disposition

of: 0

(iv) Shared power to dispose or to direct the disposition of: 5,763,781

- 4 -

Instruction. For computations regarding securities which represent a right to acquire an underlying security see Sec. 204.13d-3(d)(1).

ITEM 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

Instruction: Dissolution of a group requires a response to this item.

ITEM 6. Ownership of More than Five Percent on Behalf of Another Person

This Schedule 13G filing is jointly filed by The Charger Corporation, First Trust Portfolios L.P. and First Trust Advisors L.P. pursuant to Rule 13d-1(k)(1). The Charger Corporation is the General Partner of both First Trust Portfolios L.P. and First Trust Advisors L.P. First Trust Portfolios L.P. acts as sponsor of certain unit investment trusts which hold shares of the issuer. The total number of shares of the issuer held by these unit investment trusts is set forth in Row (8) above with respect to First Trust Portfolios L.P. No individual unit investment trust sponsored by First Trust Portfolios L.P. holds more than 3% of any registered investment company issuer's shares. First Trust Advisors L.P., an affiliate of First Trust Portfolios L.P., acts as portfolio supervisor of the unit investment trusts sponsored by First Trust Portfolios L.P., certain of which hold shares of the issuer. Neither First Trust Portfolios L.P., First Trust Advisors L.P. nor The Charger Corporation have the power to vote the shares of the issuer held by these unit investment trusts sponsored by First Trust Portfolios L.P. These shares are voted by the trustee of such unit investment trusts so as to insure that the shares are voted as closely as possible in the same manner and in the same general proportion as are the shares held by owners other than such unit investment trusts. The difference, if any, between the aggregate amount of shares beneficially owned by each reporting person, as set forth in Row (9) above, and the number of shares of the issuer held by the unit investment trusts sponsored by First Trust Portfolios L.P. represents shares of the issuer which are either held in other registered investment companies, pooled investment vehicles and/or separately managed accounts for which First Trust Advisors L.P. serves as investment advisor and/or investment sub-advisor. Each of First Trust Portfolios L.P., First Trust Advisors L.P. and The Charger Corporation disclaims beneficial ownership of the shares of the issuer identified in this filing.

ITEM 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

See Item 6.

ITEM 8. Identification and Classification of Members of the Group

Not Applicable.

- 5 -

ITEM 9. Notice of Dissolution of Group

Not Applicable.

ITEM 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

FIRST TRUST PORTFOLIOS L.P., FIRST TRUST ADVISORS L.P. and THE CHARGER CORPORATION Date: February 3, 2014

By: /s/ Mark R. Bradley

Mark R. Bradley
Chief Financial Officer and
Chief Operating Officer of
First Trust Portfolios L.P. and
First Trust Advisors L.P., and
Chief Financial Officer and
Treasurer of The Charger Corporation

- 6 -

001 2000 0 0 D WILLIAMS COS INC COMMON 969457100 1673 41502 SH DEFINED 002 0 41502 0 D WINDSTREAM CORP COMMON 97381W104 12 942 SH DEFINED 001 942 0 0 D WISCONSIN ENERGY CORP COMMON 976657106 50 1100 SH OTHER 001 1100 0 0 D WYETH COMMON 983024100 467 9740 SH DEFINED 001 9440 0 300 D WYETH COMMON 983024100 1023 21338 SH OTHER 001 21338 0 0 D WYETH COMMON 983024100 381 7943 SH DEFINED 002 0 7943 0 D WYETH COMMON 983024100 247 5150 SH

SOLE 002 0 0 5150 D WYETH COMMON 983024100 618 12880 SH SOLE 003 12430 450 0 D WYETH COMMON 983024100 301 6273 SH OTHER 003 5073 1200 0 D WYETH COMMON 983024100 649 13524 SH SOLE 007 11224 300 2000 D WYETH COMMON 983024100 249 5200 SH OTHER 007 2800 1840 560 D WYETH COMMON 983024100 229 4770 SH SOLE 008 4770 0 D WYETH COMMON 983024100 247 5160 SH OTHER 008 5160 0 D WYETH 3.581% COMMON 983024AD2 2 2000 PRN DEFINED 001 N.A. N.A. N.A. D XCEL ENERGY INC COMMON 98389B100 40 1975 SH DEFINED 001 1975 0 D XTO ENERGY INC COMMON 98385X106 1136 16587 SH DEFINED 002 0 16587 0 D YAHOO INC COMMON 984332106 7 360 SH OTHER 001 360 0 D YAMANA GOLD INC COMMON 98462Y100 165 10000 SH SOLE 007 7000 0 3000 D YORK WATER CO. COMMON 987184108 10 700 SH OTHER 001 700 0 D YUM BRANDS INC COMMON 988498101 220 6260 SH DEFINED 002 0 6260 0 D ZIMMER HOLDINGS INC COMMON 98956P102 244 3580 SH DEFINED 001 3580 0 0 D ZIMMER HOLDINGS INC COMMON 98956P102 131 1920 SH OTHER 001 1920 0 D ZIMMER HOLDINGS INC COMMON 98956P102 342 5021 SH SOLE 002 0 0 5021