

Eaton Vance Enhanced Equity Income Fund II
Form N-Q
May 27, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
Form N-Q
QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES
811-21670
Investment Company Act File Number
Eaton Vance Enhanced Equity Income Fund II
(Exact Name of Registrant as Specified in Charter)
Two International Place, Boston, Massachusetts 02110
(Address of Principal Executive Offices)
Maureen A. Gemma
Two International Place, Boston, Massachusetts 02110
(Name and Address of Agent for Services)
(617) 482-8260
(Registrant's Telephone Number, Including Area Code)
December 31
Date of Fiscal Year End
March 31, 2011
Date of Reporting Period

Item 1. Schedule of Investments

**Eaton Vance
Enhanced Equity Income Fund II
March 31, 2011**

PORTFOLIO OF INVESTMENTS (Unaudited)

Common Stocks 97.5%

| Security | Shares | Value |
|---|---------------|----------------------|
| Aerospace & Defense 2.3% | | |
| Boeing Co. (The) | 56,421 | \$ 4,171,205 |
| United Technologies Corp. | 125,959 | 10,662,429 |
| | | \$ 14,833,634 |
| Air Freight & Logistics 0.3% | | |
| United Parcel Service, Inc., Class B | 21,598 | \$ 1,605,163 |
| | | \$ 1,605,163 |
| Auto Components 1.1% | | |
| Johnson Controls, Inc. | 169,887 | \$ 7,062,203 |
| | | \$ 7,062,203 |
| Automobiles 1.2% | | |
| Ford Motor Co. ⁽²⁾ | 496,112 | \$ 7,397,030 |
| | | \$ 7,397,030 |
| Beverages 3.4% | | |
| Coca-Cola Co. (The) | 179,960 | \$ 11,940,346 |
| PepsiCo, Inc. | 146,157 | 9,413,972 |
| | | \$ 21,354,318 |
| Biotechnology 0.8% | | |
| Celgene Corp. ⁽²⁾ | 84,362 | \$ 4,853,346 |
| | | \$ 4,853,346 |
| Capital Markets 1.4% | | |
| Lazard, Ltd., Class A | 111,939 | \$ 4,654,424 |
| Stifel Financial Corp. ⁽²⁾ | 55,461 | 3,981,545 |
| | | \$ 8,635,969 |
| Chemicals 2.7% | | |

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| | | | |
|--|---------|----|-------------------|
| Air Products and Chemicals, Inc. | 54,595 | \$ | 4,923,377 |
| Monsanto Co. | 173,565 | | 12,541,807 |
| | | \$ | 17,465,184 |
| Commercial Banks 1.7% | | | |
| KeyCorp | 376,543 | \$ | 3,343,702 |
| PNC Financial Services Group, Inc. | 49,540 | | 3,120,525 |
| Wells Fargo & Co. | 145,818 | | 4,622,430 |
| | | \$ | 11,086,657 |
| Communications Equipment 4.0% | | | |
| JDS Uniphase Corp. ⁽²⁾ | 384,167 | \$ | 8,006,040 |
| Juniper Networks, Inc. ⁽²⁾ | 185,026 | | 7,785,894 |
| QUALCOMM, Inc. | 175,477 | | 9,621,404 |
| | | \$ | 25,413,338 |
| Computers & Peripherals 6.0% | | | |
| Apple, Inc. ⁽²⁾ | 108,908 | \$ | 37,948,993 |
| | | \$ | 37,948,993 |
| Construction & Engineering 1.5% | | | |
| Shaw Group, Inc. (The) ⁽²⁾ | 273,563 | \$ | 9,686,866 |
| | | \$ | 9,686,866 |

| Security | Shares | Value |
|--|---------------|----------------------|
| Consumer Finance 0.8% | | |
| American Express Co. | 111,832 | \$ 5,054,806 |
| | | \$ 5,054,806 |
| Electrical Equipment 1.8% | | |
| Emerson Electric Co. | 195,377 | \$ 11,415,878 |
| | | \$ 11,415,878 |
| Electronic Equipment, Instruments & Components 1.0% | | |
| Corning, Inc. | 311,079 | \$ 6,417,560 |
| | | \$ 6,417,560 |
| Energy Equipment & Services 3.6% | | |
| Rowan Cos., Inc. ⁽²⁾ | 133,570 | \$ 5,901,122 |
| Schlumberger, Ltd. | 135,622 | 12,648,108 |
| Tidewater, Inc. | 77,873 | 4,660,699 |
| | | \$ 23,209,929 |
| Food & Staples Retailing 1.0% | | |
| Wal-Mart Stores, Inc. | 118,456 | \$ 6,165,635 |
| | | \$ 6,165,635 |
| Food Products 2.0% | | |
| Flowers Foods, Inc. | 179,914 | \$ 4,899,058 |
| Green Mountain Coffee Roasters, Inc. ⁽²⁾ | 120,789 | 7,804,178 |
| | | \$ 12,703,236 |
| Health Care Equipment & Supplies 2.5% | | |
| Covidien PLC | 76,438 | \$ 3,970,190 |
| St. Jude Medical, Inc. | 175,333 | 8,987,570 |
| Varian Medical Systems, Inc. ⁽²⁾ | 46,596 | 3,151,753 |
| | | \$ 16,109,513 |
| Health Care Providers & Services 3.7% | | |
| AmerisourceBergen Corp. | 186,859 | \$ 7,392,142 |
| Fresenius Medical Care AG & Co. KGaA ADR | 85,981 | 5,805,437 |
| HCA Holdings, Inc. ⁽²⁾ | 196,422 | 6,652,813 |
| UnitedHealth Group, Inc. | 81,287 | 3,674,173 |
| | | \$ 23,524,565 |

Hotels, Restaurants & Leisure 2.0%

| | | | |
|---------------------------------------|---------|-----------|-------------------|
| Marriott International, Inc., Class A | 64,303 | \$ | 2,287,901 |
| McDonald's Corp. | 133,596 | | 10,165,319 |
| | | \$ | 12,453,220 |

Household Durables 1.3%

| | | | |
|---|---------|-----------|------------------|
| Tempur-Pedic International, Inc. ⁽²⁾ | 166,408 | \$ | 8,430,229 |
| | | \$ | 8,430,229 |

Industrial Conglomerates 1.1%

| | | | |
|----------------------|---------|-----------|------------------|
| General Electric Co. | 363,503 | \$ | 7,288,235 |
| | | \$ | 7,288,235 |

Insurance 1.2%

| | | | |
|----------------------------|---------|-----------|------------------|
| Lincoln National Corp. | 100,119 | \$ | 3,007,575 |
| Prudential Financial, Inc. | 74,096 | | 4,562,831 |
| | | \$ | 7,570,406 |

Internet & Catalog Retail 1.8%

| | | | |
|---------------------------------|--------|-----------|-------------------|
| Amazon.com, Inc. ⁽²⁾ | 64,262 | \$ | 11,575,514 |
| | | \$ | 11,575,514 |

| Security | Shares | Value |
|--|---------------|----------------------|
| Internet Software & Services 5.5% | | |
| Google, Inc., Class A ⁽²⁾ | 43,645 | \$ 25,585,136 |
| VeriSign, Inc. | 255,772 | 9,261,504 |
| | | \$ 34,846,640 |
| IT Services 5.3% | | |
| Accenture PLC, Class A | 151,646 | \$ 8,335,981 |
| International Business Machines Corp. | 156,986 | 25,599,707 |
| | | \$ 33,935,688 |
| Life Sciences Tools & Services 0.7% | | |
| Thermo Fisher Scientific, Inc. ⁽²⁾ | 80,434 | \$ 4,468,109 |
| | | \$ 4,468,109 |
| Machinery 2.6% | | |
| Danaher Corp. | 322,131 | \$ 16,718,599 |
| | | \$ 16,718,599 |
| Media 1.0% | | |
| IMAX Corp. ⁽²⁾ | 70,735 | \$ 2,262,105 |
| McGraw-Hill Cos., Inc. (The) | 108,638 | 4,280,337 |
| | | \$ 6,542,442 |
| Metals & Mining 2.1% | | |
| Freeport-McMoRan Copper & Gold, Inc. | 90,724 | \$ 5,039,718 |
| Goldcorp, Inc. | 101,116 | 5,035,577 |
| Silver Wheaton Corp. | 68,627 | 2,975,667 |
| | | \$ 13,050,962 |
| Multiline Retail 1.5% | | |
| Macy's, Inc. | 202,373 | \$ 4,909,569 |
| Target Corp. | 93,232 | 4,662,532 |
| | | \$ 9,572,101 |
| Oil, Gas & Consumable Fuels 10.9% | | |
| Apache Corp. | 43,718 | \$ 5,723,561 |
| ConocoPhillips | 118,809 | 9,488,087 |
| Exxon Mobil Corp. | 321,901 | 27,081,531 |
| Hess Corp. | 99,962 | 8,517,762 |
| Peabody Energy Corp. | 106,304 | 7,649,636 |

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| | | |
|--|---------|----------------------|
| Rosetta Resources, Inc. ⁽²⁾ | 123,028 | 5,848,751 |
| Southwestern Energy Co. ⁽²⁾ | 119,156 | 5,120,133 |
| | | \$ 69,429,461 |
| Pharmaceuticals 2.1% | | |
| Shire PLC ADR | 83,351 | \$ 7,259,872 |
| Watson Pharmaceuticals, Inc. ⁽²⁾ | 106,313 | 5,954,591 |
| | | \$ 13,214,463 |
| Road & Rail 1.0% | | |
| Kansas City Southern ⁽²⁾ | 112,904 | \$ 6,147,623 |
| | | \$ 6,147,623 |
| Semiconductors & Semiconductor Equipment 2.9% | | |
| Atheros Communications, Inc. ⁽²⁾ | 193,236 | \$ 8,627,987 |
| Broadcom Corp., Class A | 57,015 | 2,245,251 |
| Cypress Semiconductor Corp. ⁽²⁾ | 401,143 | 7,774,151 |
| | | \$ 18,647,389 |
| Software 6.1% | | |
| Microsoft Corp. | 616,468 | \$ 15,633,628 |
| Oracle Corp. | 406,475 | 13,564,071 |
| salesforce.com, inc. ⁽²⁾ | 72,390 | 9,669,856 |
| | | \$ 38,867,555 |

| | | |
|---|------------------------|-----------------------|
| Security | Shares | Value |
| Specialty Retail 1.6% | | |
| Advance Auto Parts, Inc. | 81,279 | \$ 5,333,528 |
| TJX Companies, Inc. (The) | 97,327 | 4,840,072 |
| | | \$ 10,173,600 |
| Textiles, Apparel & Luxury Goods 1.9% | | |
| NIKE, Inc., Class B | 68,403 | \$ 5,178,107 |
| Warnaco Group, Inc. (The) ⁽²⁾ | 118,424 | 6,772,669 |
| | | \$ 11,950,776 |
| Tobacco 1.6% | | |
| Philip Morris International, Inc. | 158,307 | \$ 10,389,688 |
| | | \$ 10,389,688 |
| Wireless Telecommunication Services 0.5% | | |
| American Tower Corp., Class A ⁽²⁾ | 63,487 | \$ 3,289,896 |
| | | \$ 3,289,896 |
| Total Common Stocks | | |
| (identified cost \$479,871,255) | | \$ 620,506,419 |
| Short-Term Investments 4.1% | | |
| | Interest | Value |
| Description | (000 s omitted) | |
| Eaton Vance Cash Reserves Fund, LLC, 0.17% ⁽³⁾ | \$ 25,877 | \$ 25,876,581 |
| Total Short-Term Investments | | |
| (identified cost \$25,876,581) | | \$ 25,876,581 |
| Total Investments 101.6% | | |
| (identified cost \$505,747,836) | | \$ 646,383,000 |
| Covered Call Options Written (1.6)% | | |

| Number | Strike | Expiration |
|--------|--------|------------|
|--------|--------|------------|

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| Security | of Contracts | Price | Date | Value |
|----------------------------------|---------------------|--------------|-------------|--------------|
| Accenture PLC, Class A | 760 | \$ 55.00 | 5/21/11 | \$ (112,100) |
| Advance Auto Parts, Inc. | 485 | 65.00 | 4/16/11 | (65,475) |
| Air Products and Chemicals, Inc. | 275 | 90.00 | 5/21/11 | (75,625) |
| Amazon.com, Inc. | 325 | 195.00 | 4/16/11 | (14,950) |
| American Express Co. | 560 | 46.00 | 5/21/11 | (65,520) |
| American Tower Corp., Class A | 320 | 55.00 | 4/16/11 | (3,200) |
| AmerisourceBergen Corp. | 940 | 38.00 | 4/16/11 | (162,150) |
| Apache Corp. | 210 | 135.00 | 4/16/11 | (23,835) |
| Apple, Inc. | 545 | 355.00 | 5/21/11 | (675,800) |
| Boeing Co. (The) | 245 | 75.00 | 5/21/11 | (47,775) |
| Broadcom Corp., Class A | 285 | 44.00 | 5/21/11 | (13,965) |
| Celgene Corp. | 425 | 55.00 | 5/21/11 | (157,250) |
| Coca-Cola Co. (The) | 765 | 65.00 | 5/21/11 | (176,715) |
| ConocoPhillips | 340 | 80.00 | 4/16/11 | (51,340) |
| ConocoPhillips | 570 | 75.00 | 5/21/11 | (347,700) |
| Corning, Inc. | 1,555 | 23.00 | 5/21/11 | (27,990) |
| Covidien PLC | 385 | 50.00 | 4/16/11 | (84,700) |
| Cypress Semiconductor Corp. | 1,040 | 23.00 | 4/16/11 | (2,600) |
| Danaher Corp. | 965 | 52.50 | 5/21/11 | (135,100) |
| Danaher Corp. | 1,615 | 52.50 | 6/18/11 | (290,700) |
| Emerson Electric Co. | 980 | 60.00 | 5/21/11 | (107,800) |
| Exxon Mobil Corp. | 1,555 | 80.00 | 4/16/11 | (691,975) |
| Exxon Mobil Corp. | 1,020 | 85.00 | 5/21/11 | (194,310) |
| Ford Motor Co. | 3,970 | 16.00 | 6/18/11 | (182,620) |

| Security | Number of Contracts | Strike Price | Expiration Date | Value |
|--|--------------------------------|-------------------------|----------------------------|--------------|
| Freeport-McMoran Copper & Gold, Inc. | 502 | \$ 55.00 | 4/16/11 | \$ (89,356) |
| Freeport-McMoran Copper & Gold, Inc. | 405 | 57.00 | 5/21/11 | (94,162) |
| Fresenius Medical Care AG & Co. KGaA ADR | 430 | 60.00 | 4/16/11 | (326,800) |
| General Electric Co. | 1,820 | 21.00 | 6/18/11 | (89,180) |
| Goldcorp, Inc. | 1,011 | 49.00 | 4/16/11 | (152,661) |
| Google, Inc., Class A | 220 | 605.00 | 5/21/11 | (308,000) |
| Green Mountain Coffee Roasters, Inc. | 615 | 65.00 | 4/16/11 | (117,158) |
| Green Mountain Coffee Roasters, Inc. | 355 | 70.00 | 5/21/11 | (101,530) |
| Hess Corp. | 285 | 90.00 | 4/16/11 | (11,970) |
| Hess Corp. | 515 | 90.00 | 5/21/11 | (96,048) |
| IMAX Corp. | 355 | 30.00 | 4/16/11 | (80,762) |
| International Business Machines Corp. | 785 | 155.00 | 4/16/11 | (667,250) |
| JDS Uniphase Corp. | 550 | 26.00 | 4/16/11 | (1,650) |
| Johnson Controls, Inc. | 1,125 | 42.00 | 4/16/11 | (67,500) |
| Juniper Networks, Inc. | 925 | 45.00 | 4/16/11 | (19,887) |
| Kansas City Southern | 585 | 55.00 | 6/18/11 | (163,800) |
| Lazard, Ltd., Class A | 560 | 46.00 | 4/16/11 | (2,800) |
| Lincoln National Corp. | 300 | 32.00 | 4/16/11 | (2,550) |
| Lincoln National Corp. | 505 | 33.00 | 4/16/11 | (1,262) |
| Macy's, Inc. | 605 | 24.00 | 4/16/11 | (55,055) |
| Macy's, Inc. | 1,015 | 25.00 | 4/16/11 | (48,212) |
| Marriott International, Inc., Class A | 325 | 41.00 | 4/16/11 | (812) |
| McDonald's Corp. | 670 | 80.00 | 6/18/11 | (37,520) |
| McGraw-Hill Cos., Inc. (The) | 545 | 39.00 | 5/21/11 | (98,100) |
| Microsoft Corp. | 3,475 | 26.00 | 6/18/11 | (248,463) |
| Monsanto Co. | 920 | 75.00 | 4/16/11 | (61,180) |
| NIKE, Inc., Class B | 345 | 90.00 | 4/16/11 | (690) |
| Oracle Corp. | 2,035 | 33.00 | 5/21/11 | (276,760) |
| Peabody Energy Corp. | 535 | 80.00 | 6/18/11 | (94,428) |
| PepsiCo, Inc. | 735 | 65.00 | 4/16/11 | (29,400) |
| Philip Morris International, Inc. | 795 | 65.00 | 5/21/11 | (159,000) |
| PNC Financial Services Group, Inc. | 250 | 67.50 | 5/21/11 | (14,375) |
| Prudential Financial, Inc. | 370 | 62.50 | 4/16/11 | (25,530) |
| QUALCOMM, Inc. | 880 | 57.50 | 5/21/11 | (119,680) |
| Rosetta Resources, Inc. | 945 | 45.00 | 4/16/11 | (321,300) |
| Rowan Cos., Inc. | 1,215 | 39.00 | 4/16/11 | (662,175) |
| salesforce.com, inc. | 365 | 145.00 | 4/16/11 | (30,477) |
| Schlumberger, Ltd. | 390 | 100.00 | 4/16/11 | (9,945) |
| Schlumberger, Ltd. | 685 | 95.00 | 5/21/11 | (226,050) |
| Shaw Group, Inc. (The) | 2,190 | 38.00 | 5/21/11 | (229,950) |
| Shire PLC ADR | 420 | 85.00 | 4/16/11 | (128,100) |
| Silver Wheaton Corp. | 345 | 46.00 | 5/21/11 | (75,555) |
| Southwestern Energy Co. | 600 | 44.00 | 6/18/11 | (126,300) |
| St. Jude Medical, Inc. | 880 | 55.00 | 5/21/11 | (70,400) |
| Stifel Financial Corp. | 280 | 75.00 | 4/16/11 | (11,200) |
| Target Corp. | 470 | 57.50 | 4/16/11 | (470) |

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| | | | | |
|----------------------------------|-------|-------|---------|-----------|
| Tempur-Pedic International, Inc. | 835 | 50.00 | 4/16/11 | (127,338) |
| Thermo Fisher Scientific, Inc. | 405 | 55.00 | 6/18/11 | (98,213) |
| TJX Companies, Inc. (The) | 490 | 50.00 | 5/21/11 | (74,725) |
| United Technologies Corp. | 630 | 85.00 | 5/21/11 | (127,260) |
| UnitedHealth Group, Inc. | 410 | 45.00 | 6/18/11 | (88,765) |
| Varian Medical Systems, Inc. | 285 | 75.00 | 5/21/11 | (4,987) |
| VeriSign, Inc. | 665 | 38.00 | 4/16/11 | (5,985) |
| VeriSign, Inc. | 1,385 | 37.00 | 6/18/11 | (184,898) |
| Wal-Mart Stores, Inc. | 595 | 55.00 | 6/18/11 | (18,445) |
| Warnaco Group, Inc. (The) | 535 | 60.00 | 5/21/11 | (93,625) |

| Security | Number of Contracts | Strike Price | Expiration Date | Value |
|---|--------------------------------|-------------------------|----------------------------|------------------------|
| Watson Pharmaceuticals, Inc. | 535 | \$ 60.00 | 5/21/11 | \$ (46,813) |
| Wells Fargo & Co. | 1,170 | 34.00 | 4/16/11 | (7,020) |
| Total Covered Call Options Written (premiums received \$8,399,108) | | | | \$ (10,144,722) |
| Other Assets, Less Liabilities 0.0% | | | | \$ (90,733) |
| Net Assets 100.0% | | | | \$ 636,147,545 |

The percentage shown for each investment category in the Portfolio of Investments is based on net assets.

ADR - American Depositary Receipt

- (1) A portion of each applicable common stock for which a written call option is outstanding at March 31, 2011 has been pledged as collateral for such written option.
- (2) Non-income producing security.
- (3) Affiliated investment company available to Eaton Vance portfolios and funds which invests in high quality, U.S. dollar denominated money market instruments. The rate shown is the annualized seven-day yield as of March 31, 2011. Net income allocated from the investment in Eaton Vance Cash Reserves Fund, LLC for the fiscal year to date ended March 31, 2011 was \$3,220.
- (4) Amount is less than 0.05%.

The cost and unrealized appreciation (depreciation) of investments of the Fund at March 31, 2011, as determined on a federal income tax basis, were as follows:

| | |
|------------------------------------|-----------------------|
| Aggregate cost | \$ 507,706,475 |
| Gross unrealized appreciation | \$ 141,694,690 |
| Gross unrealized depreciation | (3,018,165) |
| Net unrealized appreciation | \$ 138,676,525 |

Written call options activity for the fiscal year to date ended March 31, 2011 was as follows:

| | Number of Contracts | Premiums Received |
|---|--------------------------------|------------------------------|
| Outstanding, beginning of period | 63,115 | \$ 12,344,203 |
| Options written | 107,610 | 13,439,995 |
| Options terminated in closing purchase transactions | (69,495) | (11,120,317) |
| Options exercised | (1,289) | (183,211) |
| Options expired | (37,733) | (6,081,562) |
| Outstanding, end of period | 62,208 | \$ 8,399,108 |

At March 31, 2011, the Fund had sufficient cash and/or securities to cover commitments under these contracts.

The Fund is subject to equity price risk in the normal course of pursuing its investment objectives. The Fund generally intends to write covered call options on individual stocks above the current value of the stock to generate premium income. In writing call options on individual stocks, the Fund in effect, sells potential appreciation in the value of the applicable stock above the exercise price in exchange for the option premium received. The Fund retains the risk of loss, minus the premium received, should the price of the underlying stock decline.

At March 31, 2011, the aggregate fair value of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in a liability position and whose primary underlying risk exposure is equity price risk was \$10,144,722.

Under generally accepted accounting principles for fair value measurements, a three-tier hierarchy to prioritize the assumptions, referred to as inputs, is used in valuation techniques to measure fair value. The three-tier hierarchy of inputs is summarized in the three broad levels listed below.

Level 1 quoted prices in active markets for identical investments

Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)

Level 3 significant unobservable inputs (including a fund's own assumptions in determining the fair value of investments)

In cases where the inputs used to measure fair value fall in different levels of the fair value hierarchy, the level disclosed is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At March 31, 2011, the hierarchy of inputs used in valuing the Fund's investments, which are carried at value, were as follows:

| Asset Description | Level 1 | Level 2 | Level 3 | Total |
|------------------------------|------------------------|----------------------|----------------|------------------------|
| Common Stocks* | \$ 620,506,419 | \$ | \$ | \$ 620,506,419 |
| Short-Term Investments | \$ | \$ 25,876,581 | \$ | \$ 25,876,581 |
| Total Investments | \$ 620,506,419 | \$ 25,876,581 | \$ | \$ 646,383,000 |
| Liability Description | | | | |
| Covered Call Options Written | \$ (10,144,722) | \$ | \$ | \$ (10,144,722) |
| Total | \$ (10,144,722) | \$ | \$ | \$ (10,144,722) |

* The level classification by major category of investments is the same as the category presentation in the Portfolio of Investments.

The Fund held no investments or other financial instruments as of December 31, 2010 whose fair value was determined using Level 3 inputs. At March 31, 2011, the value of investments transferred between Level 1 and Level 2, if any, during the fiscal year to date then ended was not significant.

For information on the Fund's policy regarding the valuation of investments and other significant accounting policies, please refer to the Fund's most recent financial statements included in its semiannual or annual report to shareholders.

Item 2. Controls and Procedures

(a) It is the conclusion of the registrant's principal executive officer and principal financial officer that the effectiveness of the registrant's current disclosure controls and procedures (such disclosure controls and procedures having been evaluated within 90 days of the date of this filing) provide reasonable assurance that the information required to be disclosed by the registrant on this Form N-Q has been recorded, processed, summarized and reported within the time period specified in the Commission's rules and forms and that the information required to be disclosed by the registrant on this Form N-Q has been accumulated and communicated to the registrant's principal executive officer and principal financial officer in order to allow timely decisions regarding required disclosure.

(b) There have been no changes in the registrant's internal controls over financial reporting during the fiscal quarter for which the report is being filed that have materially affected, or are reasonably likely to materially affect the registrant's internal control over financial reporting.

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.

Eaton Vance Enhanced Equity Income Fund II

By: /s/ Walter A. Row, III

Walter A. Row, III
President

Date: May 25, 2011

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: /s/ Walter A. Row, III

Walter A. Row, III
President

Date: May 25, 2011

By: /s/ Barbara E. Campbell

Barbara E. Campbell
Treasurer

Date: May 25, 2011