Nuveen Core Equity Alpha Fund Form N-CSRS September 08, 2009

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM N-CSR FIED SHAREHOLDER REPORT OF REGISTERED MANAGEN

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number <u>811-22003</u> Nuveen Core Equity Alpha Fund

(Exact name of registrant as specified in charter)
Nuveen Investments
333 West Wacker Drive
Chicago, IL 60606

(Address of principal executive offices) (Zip code)
Kevin J. McCarthy
Nuveen Investments
333 West Wacker Drive
Chicago, IL 60606

(Name and address of agent for service)

Registrant s telephone number, including area code: (312) 917-7700

Date of fiscal year end: December 31

Date of reporting period: June 30, 2009

Form N-CSR is to be used by management investment companies to file reports with the Commission not later than 10 days after the transmission to stockholders of any report that is required to be transmitted to stockholders under Rule 30e-1 under the Investment Company Act of 1940 (17 CFR 270.30e-1). The Commission may use the information provided on Form N-CSR in its regulatory, disclosure review, inspection, and policymaking roles. A registrant is required to disclose the information specified by Form N-CSR, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-CSR 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 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. SS. 3507.

ITEM 1. REPORTS TO SHAREHOLDERS

Closed-End Funds

Nuveen Investments Closed-End Funds Mathematically-driven investment strategy that seeks to generate excess risk-adjusted returns

Semi-Annual Report June 30, 2009

Nuveen Core Equity Alpha Fund JCE Chairman s Letter to Shareholders

Dear Shareholder,

The problems in the U.S. financial system and the slowdown in global economic activity continue to create a very difficult environment for the U.S. economy. The administration, the Federal Reserve System and Congress have initiated a variety of programs directed at restoring liquidity to the financial markets, providing financial support for critical financial institutions and stimulating economic activity. There are encouraging signs that these initiatives are beginning to have a constructive impact. It is not possible to predict whether the actions taken to date will be sufficient to restore more normal conditions in the financial markets or enable the economy to stabilize and set a course toward recovery. However, the speed and scope of the government s actions are very encouraging and, more importantly, reflect a commitment to act decisively to meet the economic challenges we face.

The performance information in the attached report reflects the impact of many forces at work in the equity and fixed-income markets. The comments by the portfolio managers describe the strategies being used to pursue your Fund s long-term investment goals. Parts of the financial markets continue to experience serious dislocations and thorough research and strong investment disciplines have never been more important in identifying risks and opportunities. I hope you will read this information carefully.

Your Board is particularly sensitive to our shareholders—concerns in these uncertain times. We believe that frequent and thorough communication is essential in this regard and encourage you to visit the Nuveen website: www.nuveen.com, for recent developments in all Nuveen funds. We also encourage you to communicate with your financial consultant for answers to your questions and to seek advice on your long-term investment strategy in the current market environment.

On behalf of myself and the other members of your Fund s Board, we look forward to continuing to earn your trust in the months and years ahead.

Sincerely, Robert P. Bremner Chairman of the Nuveen Fund Board August 24, 2009

Portfolio Managers Comments

Nuveen Core Equity Alpha Fund (JCE)

The equity portion of JCE is managed by INTECH Investment Management LLC (INTECH), an independently managed subsidiary of Janus Capital Group Inc. INTECH s Chief Investment Officer Dr. Robert Fernholz, PhD, leads the portfolio management team.

The Fund also also employs a call option strategy managed by Nuveen Asset Management. Rob Guttschow, CFA, and John Gambla, CFA, oversee this program.

Here Dr. Fernholz and members of his team, along with Rob and John, talk about their management strategies and the performance of the Fund for the six-month period ended June 30, 2009.

Over this period, what key strategies were used to manage the Fund?

Certain statements in this report are forward-looking statements. Discussions of specific investments are for illustration only and are not intended as recommendations of individual investments. The forward-looking statements and other views expressed herein are those of the portfolio managers as of the date of this report. Actual future results or occurrences may differ significantly from those anticipated in any forward-looking statements and the views expressed herein are subject to change at any time, due to numerous market and other factors. The Fund disclaims any obligation to update publicly or revise any forward-looking statements or views expressed herein.

Looking at the equity portfolio, the market turmoil that continued during this six-month reporting period reconfirmed the importance of disciplined risk management, which is a critical component of INTECH s portfolio construction and monitoring process. The Fund s equity portfolio goal is to produce long-term returns in excess of its benchmark, the S&P 500 Index, with an equal or lesser amount of risk. The practical risk controls embedded in the firm s investment process aid in minimizing tracking error vis-a-vis the S&P 500 Index during periods of short-term market instability.

INTECH s investment process requires some level of volatility be present in individual stocks that can then be captured in our portfolio optimization and rebalancing process. Typically, the Fund s equity portfolio will hold 250-450 stocks included in the S&P 500 Index. While we expect that there will be individual periods or years in which we exceed or underperform our targets, we seek over the long term to be able to provide returns in excess of the S&P 500 Index with equal or less risk.

While INTECH does not employ fundamental analysis in the management of the equity portfolio, fundamentals can have a significant impact on the general direction of the market in which we participate. As stock prices moved naturally throughout the period, we continued to implement our mathematical process in a disciplined and precise manner in an effort to maintain a more efficient portfolio than the S&P 500 Index, without increasing relative risk. While other factors may influence performance over the short term, we believe that the consistent application of our process will help long term performance.

The Fund also employs an option strategy that seeks to enhance its risk-adjusted returns over time through a meaningful reduction in the volatility of the Fund s returns relative to the returns of the S&P 500 Index. Under normal market circumstances, the Fund expects to write (sell) custom basket call options with a notional value of up to 50% of the value of the equity portfolio. During this period, the sale of equity call options was used to

generate cash flow that could be used to partially offset equity portfolio losses in certain situations.

How did the Fund perform over this six-month period?

The performance of JCE, as well as a widely followed equity index and a customized benchmark, are presented in the accompanying table.

Average Annual Total Returns on Net Asset Value*

For periods ended 6/30/09

Past performance does not guarantee future results. Current performance may be higher or lower than the data shown.

Returns do not reflect the deduction of taxes that shareholders may have to pay on Fund distributions or upon the sale of Fund shares. For additional information, see the individual Performance Overview for the Fund in this report.

- * Six-month returns are cumulative: one-year returns are annualized.
- 1 The S&P 500 Index is an unmanaged Index generally considered representative of the U.S. Stock Market.
- 2 JCE s Comparative Benchmark is a blend of returns consisting of 1) 50% of the S&P 500 Index and 2) 50% of the CBOE S&P 500 BuyWrite Index (BXM which is a passive total return index based on selling the near-term, at-the-money S&P 500 Index (SPX) call option against the S&P 500 stock index portfolio each month, on the day the current contract expires.

	Six-Month	One-Year
JCE	1.82%	-22.81%
S&P 500 Index ¹	3.16%	-26.21%
Comparative Benchmark ²	5.52%	-22.26%

For the six-month period ended June 30, 2009, the Fund underperformed the S&P 500 Index and the customized benchmark. As can been seen from the returns shown here, the first six months of 2009 presented a different overall market environment than the last six months of 2008.

Since INTECH uses a purely portfolio-theoretic methodology, we do not specifically select stocks or overweight sectors in response to market conditions or expectations. Instead, we modify the Fund sequity holdings in an attempt to construct a portfolio that is slightly more efficient than the S&P 500 Index by using an optimization program that analyzes a stock serelative volatility and its price correlation with other equities. Since the sector structure of the market is not taken into account in our methodology, any sector underweights or overweights are likely to be coincidental.

Over this six-month period, the Fund had relative underweight positions in the information technology and health care sectors, and relative overweight positions in industrials and consumer staples versus the S&P 500 Index. Top equity performers in the portfolio included Apple Inc., IBM, Wells Fargo, and Oracle. The weakest performers included AFLAC, General Electric, AT&T, Procter and Gamble, and Exxon Mobil.

While the cash flow generated by the sale of call options did help to mitigate some of the risk inherent in the Fund s portfolio, these inflows were not sufficient to offset the performance difference between the Fund s equity holdings

and the S&P 500 Index.

Distribution and Share Price Information

The following information regarding your Fund s distributions is current as of June 30, 2009, and likely will vary over time based on the Fund s investment activities and portfolio investment value changes.

The Fund reduced its quarterly distribution to shareholders once during the six-month reporting period. Some of the factors affecting the amount and composition of these distributions are summarized below.

The Fund has a managed distribution program. The goal of this program is to provide shareholders with relatively consistent and predictable cash flow by systematically converting the Fund s expected long-term return potential into regular distributions. As a result, regular distributions throughout the year are likely to include a portion of expected long-term gains (both realized and unrealized), along with net investment income.

Important points to understand about a managed distribution program are:

The Fund seeks to establish a relatively stable distribution rate that roughly corresponds to the projected total return from its investment strategy over an extended period of time. However, you should not draw any conclusions about the Fund s past or future investment performance from its current distribution rate.

Actual returns will differ from projected long-term returns (and therefore the Fund s distribution rate), at least over shorter time periods. Over a specific timeframe, the difference between actual returns and total distributions will be reflected in an increasing (returns exceed distributions) or a decreasing (distributions exceed returns) Fund net asset value.

Each distribution is expected to be paid from some or all of the following sources:

net investment income (regular interest and dividends),

realized capital gains, and

unrealized gains, or, in certain cases, a return of principal (non-taxable distributions).

A non-taxable distribution is a payment of a portion of the Fund s capital. When the Fund s returns exceed distributions, it may represent portfolio gains generated, but not realized as a taxable capital gain. In periods when the Fund s returns fall short of distributions, the shortfall will represent a portion of your original principal, unless the shortfall is offset during other time periods over the life of your investment (previous or subsequent) when the Fund s total return exceeds distributions.

Because distribution source estimates are updated during the year based on the Fund s performance and forecast for its current fiscal year (which is the calendar year for the Fund), estimates on the nature of your distributions provided at the time the distributions are paid may differ from both the tax information reported to you in your Fund s

IRS Form 1099 statement provided at year end, as well as the ultimate economic sources of distributions over the life of your investment.

The following table provides estimated information regarding the Fund s distributions and total return performance for the fiscal year ended June 30, 2009. The distribution information is presented on a tax basis rather than on a generally accepted accounting principles (GAAP) basis. This information is intended to help you better understand whether the Fund s returns for the specified time period were sufficient to meet the Fund s distributions.

As of 6/30/09 Inception date Six months ended June 30, 2009:	JCE 3/27/07
Per share distribution: From net investment income From realized conital gains	\$0.08
From realized capital gains Tax return of capital	\$0.46
Total per share distribution	\$0.54
Distribution rate on NAV	4.75%
Annualized total returns: Six month (Cumulative) on NAV 1-Year on NAV Since Inception on NAV	1.82% -22.81% -12.54%

Common Share Repurchases and Share Price Information

The Fund s Board of Trustees approved an open-market share repurchase program on November 21, 2007, under which the Fund may repurchase an aggregate of up to 10% of its outstanding common shares. As of June 30, 2009, the Fund had cumulatively repurchased 251,300 common shares, representing approximately 1.6% of the Fund s total common shares outstanding. During the six month reporting period, June 30, 2009, common shares were repurchased at a weighted average discount per share of \$8.91.

As of June 30, 2009, the Fund was trading at a -14.59% discount to its NAV, compared with an average discount of -16.58% for the six-month period.

JCE Performance OVERVIEW	Nuveen Core Equity Alpha Fund	
OVERVIEW		June 30, 2009
Fund Snapshot Share Price		\$9.72
Net Asset Value		\$11.38
Premium/(Discount) to NAV		-14.59%
Current Distribution Rate ¹		11.11%
Net Assets (\$000)		\$184,350
Average Annual Total Return (Inception 3/27/07)		
6-month (Cumulative)	On Share Price 7.19%	On NAV 1.82%
1-Year	-24.03%	-22.81%
Since Inception	-18.99%	-12.54%
Industries (as a % of total investments) ²		
Oil, Gas & Consumable Fuels		10.2%
Pharmaceuticals		7.0%
Food Products		5.0%
Diversified Telecommunication Services		4.7%
Computers & Peripherals		4.2%
Household Products		3.5%
Food & Staples Retailing		3.3%
Insurance		3.2%

Road & Rail	2.6%
Software	2.6%
Beverages	2.4%
Semiconductors & Equipment	2.4%
Media	2.3%
Industrial Conglomerates	2.3%
Health Care Providers & Services	2.3%
Communications Equipment	2.2%
Multi-Utilities	2.1%
Commercial Banks	2.0%
Diversified Financial Services	2.0%
Biotechnology	2.0%
IT Services	1.7%
Hotels, Restaurants & Leisure	1.7%
Specialty Retail	1.7%
Capital Markets	1.7%
Short-Term Investments	5.7%
Other	19.2%

Portfolio Allocation (as a % of total investments)²

2008-2009 Distributions Per Share

Share Price Performance Weekly Closing Price

1 Current Distribution Rate is based on the Fund s current annualized quarterly distribution divided by the Fund s current market price. The Fund s quarterly distributions to its shareholders may be comprised of ordinary income, net realized capital gains and, if at the end of the calendar year the Fund s cumulative net ordinary income and net realized gains are less than the amount of the Fund s distributions, a return of capital for tax purposes.

- 2 Excluding call options written and investments in derivatives.
- 8 Nuveen Investments

Shareholder Meeting Report

The annual meeting of shareholders was held in the offices of Nuveen Investments on May 6, 2009; at this meeting the shareholders were asked to vote on the election of Board Members.

	JCE
Approval of the Board Members was reached as follows:	Common Shares
Robert P. Bremner	
For	11,956,545
Withhold	1,079,459
	, ,
Total	13,036,004
Jack B. Evans	
For	11,954,219
Withhold	1,081,785
Timora	1,001,705
Total	13,036,004
Total	13,030,004
William J. Schneider	
For	11,957,194
Withhold	1,078,810
T-4-1	12.026.004
Total	13,036,004

JCE Nuveen Core Equity Alpha Fund Portfolio of INVESTMENTS

June 30, 2009 (Unaudited)

Shares	Description (1) Common Stocks 96.5%	Value
	Aerospace & Defense 1.1%	
1,500	Boeing Company	\$ 63,750
1,700	General Dynamics Corporation	94,163
1,700	Goodrich Corporation	84,949
8,100	ITT Industries, Inc.	360,450
13,900	Lockheed Martin Corporation	1,121,035
200	Precision Castparts Corporation	14,606
5,300	United Technologies Corporation	275,388
	Total Aerospace & Defense	2,014,341
	Air Freight & Logistics 0.2%	
3,500	C.H. Robinson Worldwide, Inc.	182,525
1,100	Expeditors International of Washington, Inc.	36,674
1,100	FedEx Corporation	61,182
900	United Parcel Service, Inc., Class B	44,991
	Total Air Freight & Logistics	325,372
	Airlines 0.3%	
78,500	Southwest Airlines Co.	528,305
	Auto Components 0.1%	
4,800	Goodyear Tire & Rubber Company, (2)	54,048
4,300	Johnson Controls, Inc.	93,396
	Total Auto Components	147 444
	Total Auto Components	147,444
	Automobiles 0.3%	
37,200	Ford Motor Company, (2)	225,804

15,400	Harley-Davidson, Inc.	249,634
	Total Automobiles	475,438
	Beverages 2.5%	
12,600 33,700 2,900 25,300 4,100 3,000 33,100	Brown-Forman Corporation Coca-Cola Company Coca-Cola Enterprises Inc. Constellation Brands, Inc., Class A, (2) Dr. Pepper Snapple Group, (2) Pepsi Bottling Group, Inc. PepsiCo, Inc.	541,548 1,617,263 48,285 320,804 86,879 101,520 1,819,176
	Total Beverages	4,535,475
	Biotechnology 2.0%	
36,700 20,200 9,800 2,400 2,900	Amgen Inc., (2) Celgene Corporation, (2) Cephalon, Inc., (2) Genzyme Corporation, (2) Gilead Sciences, Inc., (2) Total Biotechnology	1,942,898 966,368 555,170 133,608 135,836
	Building Products 0.0%	2,.22,233
8,400	Masco Corporation Capital Markets 1.7%	80,472
7,500 10,600 24,300 3,700 3,800 2,400 6,400 5,000 17,200 6,500	Ameriprise Financial, Inc. Bank of New York Company, Inc. Charles Schwab Corporation Federated Investors Inc. Franklin Resources, Inc. Goldman Sachs Group, Inc. Invesco LTD Legg Mason, Inc. Morgan Stanley Northern Trust Corporation	182,025 310,686 426,222 89,133 273,638 353,856 114,048 121,900 490,372 348,920

Shares	Description (1) Capital Markets (continued)	Value
4,300	State Street Corporation	\$ 202,960
5,900	T. Rowe Price Group Inc.	245,853
	Total Capital Markets	3,159,613
	Chemicals 1.0%	
600	CF Industries Holdings, Inc.	44,484
6,300	E.I. Du Pont de Nemours and Company	161,406
7,700	Ecolab Inc.	300,223
3,800	International Flavors & Fragrances Inc.	124,336
900	Monsanto Company	66,906
22,000	PPG Industries, Inc.	965,800
1,500	Praxair, Inc.	106,605
800	Sigma-Aldrich Corporation	39,648
	Total Chemicals	1,809,408
	Commercial Banks 2.1%	
28,300	BB&T Corporation	622,034
3,300	Comerica Incorporated	69,795
17,400	Fifth Third Bancorp.	123,540
12,096	First Horizon National Corporation, (2)	145,151
9,600	Huntington BancShares Inc.	40,128
24,700	KeyCorp.	129,428
5,000	M&T Bank Corporation	254,650
29,700	Marshall and Ilsley Corporation	142,560
12,600	PNC Financial Services Group, Inc.	489,006
2,200	SunTrust Banks, Inc.	36,190
22,100	U.S. Bancorp	396,032
51,350	Wells Fargo & Company	1,245,751
8,500	Zions Bancorporation	98,260
	Total Commercial Banks	3,792,525
	Commercial Services & Supplies 1.4%	
14,200	Cintas Corporation	324,328
2,400	Iron Mountain Inc., (2)	69,000
8,600	Pitney Bowes Inc.	188,598
8,335	Republic Services, Inc.	203,457
3,900	Stericycle Inc., (2)	200,967
,		7

57,700	Waste Management, Inc.	1,624,832
	Total Commercial Services & Supplies	2,611,182
	Communications Equipment 2.2%	
8,700	Ciena Corporation, (2)	90,045
108,900	Cisco Systems, Inc., (2)	2,029,896
21,900	JDS Uniphase Corporation, (2)	125,268
6,300	Juniper Networks Inc., (2)	148,680
38,300	Motorola, Inc.	253,929
30,500	QUALCOMM, Inc.	1,378,600
12,000	Tellabs Inc., (2)	68,760
	Total Communications Equipment	4,095,178
	Computers & Peripherals 4.2%	
10,900	Computers & Peripherals 4.2% Apple, Inc., (2)	1,552,487
10,900 27,600		1,552,487 378,948
•	Apple, Inc., (2) Dell Inc., (2) EMC Corporation, (2)	
27,600 11,300 60,000	Apple, Inc., (2) Dell Inc., (2)	378,948 148,030 2,319,000
27,600 11,300	Apple, Inc., (2) Dell Inc., (2) EMC Corporation, (2) Hewlett-Packard Company International Business Machines Corporation	378,948 148,030
27,600 11,300 60,000 27,700	Apple, Inc., (2) Dell Inc., (2) EMC Corporation, (2) Hewlett-Packard Company International Business Machines Corporation (IBM)	378,948 148,030 2,319,000 2,892,434
27,600 11,300 60,000	Apple, Inc., (2) Dell Inc., (2) EMC Corporation, (2) Hewlett-Packard Company International Business Machines Corporation (IBM) Lexmark International, Inc., Class A, (2)	378,948 148,030 2,319,000
27,600 11,300 60,000 27,700	Apple, Inc., (2) Dell Inc., (2) EMC Corporation, (2) Hewlett-Packard Company International Business Machines Corporation (IBM)	378,948 148,030 2,319,000 2,892,434 58,645
27,600 11,300 60,000 27,700 3,700 3,500	Apple, Inc., (2) Dell Inc., (2) EMC Corporation, (2) Hewlett-Packard Company International Business Machines Corporation (IBM) Lexmark International, Inc., Class A, (2) Network Appliance Inc., (2)	378,948 148,030 2,319,000 2,892,434 58,645 69,020
27,600 11,300 60,000 27,700 3,700 3,500 1,100	Apple, Inc., (2) Dell Inc., (2) EMC Corporation, (2) Hewlett-Packard Company International Business Machines Corporation (IBM) Lexmark International, Inc., Class A, (2) Network Appliance Inc., (2) QLogic Corporation, (2)	378,948 148,030 2,319,000 2,892,434 58,645 69,020 13,948

JCE Nuveen Core Equity Alpha Fund (continued) Portfolio of INVESTMENTS June 30, 2009 (Unaudited)

Shares	Description (1) Construction & Engineering 0.4%	Value
11,600 2,700	Fluor Corporation Jacobs Engineering Group, Inc., (2)	\$ 594,964 113,643
	Total Construction & Engineering	708,607
	Construction Materials 0.2%	
7,600	Vulcan Materials Company	327,560
	Consumer Finance 0.7%	
7,300 15,100 44,300 29,800	American Express Company Capital One Financial Corporation Discover Financial Services SLM Corporation, (2)	169,652 330,388 454,961 306,046
	Total Consumer Finance	1,261,047
	Containers & Packaging 0.3%	
3,800 12,800 1,500 3,200	Ball Corporation Bemis Company, Inc. Owens-Illinois, Inc., (2) Pactiv Corporation, (2)	171,608 322,560 42,015 69,440
	Total Containers & Packaging	605,623
	Distributors 0.3%	
15,900	Genuine Parts Company	533,604
	Diversified Consumer Services 0.5%	
800 1,300 45,900	Apollo Group, Inc., (2) Devry, Inc. H & R Block Inc.	56,896 65,052 790,857
	Total Diversified Consumer Services	912,805

Diversified Financial Services 2.1%

75,300	Bank of America Corporation	993,960
12,600	CIT Group Inc.	27,090
34,600	Citigroup Inc.	102,762
1,000	CME Group, Inc.	311,110
2,000	Intercontinental Exchange, Inc., (2)	228,480
31,705	JPMorgan Chase & Co.	1,081,458
8,800	Leucadia National Corporation, (2)	185,592
16,200	Moody s Corporation	426,870
8,800	Nasdaq Stock Market, Inc., (2)	187,528
8,600	New York Stock Exchange Euronext	234,350
	Total Diversified Financial Services	3,779,200
	Diversified Telecommunication Services 4.8%	
226,800	AT&T Inc.	5,633,712
11,200	CenturyTel, Inc.	343,840
14,400	Embarq Corporation	605,664
42,500	Frontier Communications Corporation	303,450
52,500	Qwest Communications International Inc.	217,875
53,000	Verizon Communications Inc.	1,628,690
10,000	Windstream Corporation	83,600
	Total Diversified Telecommunication Services	8,816,831
	Electric Utilities 1.5%	
6,000	Duke Energy Corporation	87,540
2,300	Entergy Corporation	178,296
4,800	FirstEnergy Corp.	186,000
400	FPL Group, Inc.	22,744
8,300	Northeast Utilities	185,173
14,500	Pinnacle West Capital Corporation	437,175
12,400	PPL Corporation	408,704
16,600	Progress Energy, Inc.	627,978
19,500	Southern Company	607,620
	Total Electric Utilities	2,741,230

Shares	Description (1) Electrical Equipment 0.3%		Value
15,500 4,300	Cooper Industries, Ltd., Class A Rockwell Automation, Inc.	\$	481,275 138,116
	Total Electrical Equipment		619,391
	Electronic Equipment & Instruments 0.3%		
2,500 1,800 3,000 20,600 11,900	Agilent Technologies, Inc., (2) Amphenol Corporation, Class A Corning Incorporated Jabil Circuit Inc. Molex Inc. Total Electronic Equipment & Instruments		50,775 56,952 48,180 152,852 185,045 493,804
	Energy Equipment & Services 1.7%		
11,200 9,000 3,300 600 2,200 3,000 4,000 7,200 17,000 1,700 23,000 10,300	Baker Hughes Incorporated BJ Services Company Cooper Cameron Corporation, (2) Diamond Offshore Drilling, Inc. ENSCO International Incorporated FMC Technologies Inc., (2) Halliburton Company Nabors Industries Inc., (2) National-Oilwell Varco Inc., (2) Rowan Companies Inc. Schlumberger Limited Smith International, Inc. Total Energy Equipment & Services		408,128 122,670 93,390 49,830 76,714 112,740 82,800 112,176 555,220 32,844 1,244,530 265,225
	Food & Staples Retailing 3.3%		
9,900 78,500 33,300 7,500 63,900 1,900	CVS Caremark Corporation Kroger Co. Sysco Corporation Walgreen Co. Wal-Mart Stores, Inc. Whole Foods Market, Inc. Total Food & Staples Retailing	3	315,513 1,730,925 748,584 220,500 3,095,316 36,062 5,146,900

Food Products 5.1%

1,400 27,700 3,600 35,000 36,000 24,200 14,000 32,800 65,300 4,700 20,300 9,700	Archer-Daniels-Midland Company Campbell Soup Company Dean Foods Company, (2) General Mills, Inc. H.J. Heinz Company Hershey Foods Corporation JM Smucker Company Kellogg Company Kraft Foods Inc. McCormick & Company, Incorporated Sara Lee Corporation Tyson Foods, Inc., Class A	37,478 814,934 69,084 1,960,700 1,285,200 871,200 681,240 1,527,496 1,654,702 152,891 198,128 122,317
	Total Food Products	9,375,370
	Gas Utilities 0.1%	
5,700 1,200	Nicor Inc. Questar Corporation	197,334 37,272
	Total Gas Utilities	234,606
	Health Care Equipment & Supplies 1.2%	
27,200 5,000 6,300 200 3,000 5,400 4,800	Baxter International, Inc. Boston Scientific Corporation, (2) DENTSPLY International Inc. Intuitive Surgical, Inc., (2) Medtronic, Inc. Stryker Corporation Varian Medical Systems, Inc., (2)	1,440,512 50,700 192,276 32,732 104,670 214,596 168,672
	Total Health Care Equipment & Supplies	2,204,158

JCE Nuveen Core Equity Alpha Fund (continued) Portfolio of INVESTMENTS June 30, 2009 (Unaudited)

Shares	Description (1)		Value
	Health Care Providers & Services 2.4%		
1,500	Aetna Inc.	\$	37,575
1,900	Cardinal Health, Inc.	Ψ	58,045
5,800	CIGNA Corporation		139,722
2,100	Coventry Health Care, Inc., (2)		39,291
14,300	Davita Inc., (2)		707,278
2,900	Express Scripts, Inc., (2)		199,375
7,300	Humana Inc., (2)		235,498
21,300	Medco Health Solutions, Inc., (2)		971,493
20,700	Quest Diagnostics Incorporated		1,168,101
10,700	UnitedHealth Group Incorporated		267,286
10,300	Wellpoint Inc., (2)		524,167
	Total Health Care Providers & Services		4,347,831
	Health Care Technology 0.1%		
20,700	IMS Health Incorporated		262,890
	Hotels, Restaurants & Leisure 1.7%		
2,800	Carnival Corporation		72,156
10,500	Darden Restaurants, Inc.		346,290
4,900	International Game Technology		77,910
1,706	Marriott International, Inc., Class A		37,657
35,900	McDonald s Corporation		2,063,891
19,500	Starbucks Corporation, (2)		270,855
14,900	Wyndham Worldwide Corporation		180,588
4,100	Wynn Resorts Ltd, (2)		144,730
	Total Hotels, Restaurants & Leisure		3,194,077
	Household Durables 0.7%		
2,500	Black & Decker Corporation		71,650
16,300	Centex Corporation		137,898
5,100	D.R. Horton, Inc.		47,736
4,800	Harman International Industries Inc.		90,240
5,200	KB Home		71,136

23,100 18,800 3,600 12,400 1,600 3,100 1,100	Leggett and Platt Inc. Lennar Corporation, Class A Newell Rubbermaid Inc. Pulte Corporation, (2) Snap-on Incorporated Stanley Works Whirlpool Corporation	351,813 182,172 37,476 109,492 45,984 104,904 46,816
	Total Household Durables	1,297,317
	Household Products 3.6%	
15,000 10,300 12,300 87,100	Clorox Company Colgate-Palmolive Company Kimberly-Clark Corporation Procter & Gamble Company	837,450 728,622 644,889 4,450,810
	Total Household Products	6,661,771
	Independent Power Producers & Energy Traders 0.0%	
4,600	AES Corporation, (2)	53,406
	Industrial Conglomerates 2.4%	
11,000 310,600 6,700	3M Co. General Electric Company Textron Inc.	661,100 3,640,232 64,722
	Total Industrial Conglomerates	4,366,054
	Insurance 3.3%	
5,100 4,700 9,400 11,600 30,700 22,500 44,500 33,800 23,000	AFLAC Incorporated Allstate Corporation Chubb Corporation Cincinnati Financial Corporation Hartford Financial Services Group, Inc. Lincoln National Corporation Loews Corporation Marsh & McLennan Companies, Inc. MBIA Inc., (2)	158,559 114,680 374,872 259,260 364,409 387,225 1,219,300 680,394 99,590

Shares	Description (1) Insurance (continued)	Value
16,400	MetLife, Inc.	\$ 492,164
10,500	Principal Financial Group, Inc.	197,820
30,000	Progressive Corporation, (2)	453,300
12,700	Prudential Financial, Inc.	472,694
4,700	Torchmark Corporation	174,088
3,000	Travelers Companies, Inc.	123,120
14,400 23,000	Unum Group XL Capital Ltd, Class A	228,384 263,580
23,000	-	
	Total Insurance	6,063,439
	Internet & Catalog Retail 0.4%	
8,200	Amazon.com, Inc.,	686,012
2,600	Expedia, Inc., (2)	39,286
	Total Internet & Catalog Retail	725,298
	Internet Software & Services 0.2%	
5,600	Akamai Technologies, Inc., (2)	107,408
800	Google Inc., Class A, (2)	337,272
	Total Internet Software & Services	444,680
	IT Services 1.8%	
6,700	Affiliated Computer Services, Inc., (2)	297,614
42,700	Automatic Data Processing, Inc.	1,513,288
6,500	Cognizant Technology Solutions Corporation,	173,550
14.600	Class A, (2)	(16.700
14,600 2,000	Computer Sciences Corporation, (2)	646,780 39,920
18,200	Fidelity National Information Services Paychex, Inc.	458,640
9,600	Western Union Company	157,440
	Total IT Services	3,287,232
	Leisure Equipment & Products 0.1%	
5,600	Hasbro, Inc.	135,744
	Life Sciences Tools & Services 0.1%	

5,600	Thermo Fisher Scientific, Inc., (2)	228,312
	Machinery 1.4%	
20,900	Caterpillar Inc.	690,536
17,200	Cummins Inc.	605,612
1,900	Deere & Company	75,905
20,800	Dover Corporation	688,272
900	Flowserve Corporation	62,829
9,700	Illinois Tool Works, Inc.	362,198
161	Ingersoll Rand Company Limited, Class A	3,365
5,500	Manitowoc Company Inc.	28,930
200	PACCAR Inc.	6,502
200	Pall Corporation	5,312
	Total Machinery	2,529,461
	Media 2.4%	
5,500	CBS Corporation, Class B	38,060
175,800	Comcast Corporation, Class A	2,547,342
17,600	DIRECTV Group, Inc., (2)	434,896
13,200	McGraw-Hill Companies, Inc.	397,452
1,300	Meredith Corporation	33,215
4,800	News Corporation, Class A	43,728
2,866	Time Warner Inc.	72,195
1,600	Viacom Inc., Class B, (2)	36,320
35,500	Walt Disney Company	828,215
	Total Media	4,431,423
	Metals & Mining 0.4%	
1,900	AK Steel Holding Corporation	36,461
2,200	Allegheny Technologies, Inc.	76,846
5,100	Freeport-McMoRan Copper & Gold, Inc.	255,561

JCE Nuveen Core Equity Alpha Fund (continued) Portfolio of INVESTMENTS June 30, 2009 (Unaudited)

Shares	Description (1) Metals & Mining (continued)	Value
1,000 6,700	Nucor Corporation United States Steel Corporation	\$ 44,430 239,458
	Total Metals & Mining	652,756
	Multiline Retail 0.9%	
700 14,100 2,900 2,700 21,600 2,100 1,000 2,600	Big Lots, Inc., (2) Family Dollar Stores, Inc. Federated Department Stores, Inc. J.C. Penney Company, Inc. Kohl s Corporation, (2) Nordstrom, Inc. Sears Holding Corporation, (2) Target Corporation Total Multiline Retail	14,721 399,030 34,104 77,517 923,400 41,769 66,520 102,622 1,659,683
	Multi-Utilities 2.2%	
19,600 35,200 1,400 19,700 7,200 20,000 700 7,000 9,000 2,500 4,000	Ameren Corporation Consolidated Edison, Inc. Dominion Resources, Inc. DTE Energy Company Integrys Energy Group, Inc. PG&E Corporation Public Service Enterprise Group Incorporated Scana Corporation TECO Energy, Inc. Wisconsin Energy Corporation Xcel Energy, Inc. Total Multi-Utilities Oil, Gas & Consumable Fuels 10.4%	487,844 1,317,184 46,788 630,400 215,928 768,800 22,841 227,290 107,370 101,775 73,640 3,999,860
1,700 100	Anadarko Petroleum Corporation Apache Corporation	77,163 7,215

3,100	Cabot Oil & Gas Corporation	94,984
13,200	Chesapeake Energy Corporation	261,756
51,600	Chevron Corporation	3,418,500
36,800	ConocoPhillips	1,547,808
8,900	CONSOL Energy Inc.	302,244
23,200	Denbury Resources Inc., (2)	341,736
1,800	Devon Energy Corporation	98,100
6,700	El Paso Corporation	61,841
139,400	Exxon Mobil Corporation	9,745,454
900	Hess Corporation	48,375
9,400	Marathon Oil Corporation	283,222
11,200	Massey Energy Company	218,848
14,000	Occidental Petroleum Corporation	921,340
13,200	Peabody Energy Corporation	398,112
8,400	Pioneer Natural Resources Company	214,200
800	Range Resources Corporation	33,128
6,700	Southwestern Energy Company, (2)	260,295
34,400	Spectra Energy Corporation	582,048
1,700	Sunoco, Inc.	39,440
13,200	Tesoro Corporation	168,036
4,100	Valero Energy Corporation	69,249
2,400	Williams Companies, Inc.	37,464
800	XTO Energy, Inc.	30,512
	Total Oil, Gas & Consumable Fuels	19,261,070
	Paper & Forest Products 0.0%	
2,800	International Paper Company	42,364
	Personal Products 0.0%	
2,200	Estee Lauder Companies Inc., Class A	71,874
	Pharmaceuticals 7.2%	
41,100	Abbott Laboratories	1 022 244
2,100	Allergan, Inc.	1,933,344 99,918
80,800	Bristol-Myers Squibb Company	1,641,048
2,200	Eli Lilly and Company	76,208
۷,۷00	En Emy and Company	70,208

Shares	Description (1) Pharmaceuticals (continued)	Value
79,000	Johnson & Johnson	\$ 4,487,200
23,700	King Pharmaceuticals Inc., (2)	228,231
58,300	Merck & Co. Inc.	1,630,068
6,200	Mylan Laboratories Inc., (2)	80,910
91,000	Pfizer Inc.	1,365,000
48,100	Schering-Plough Corporation	1,208,272
11,900	Wyeth	540,141
	Total Pharmaceuticals	13,290,340
	Professional Services 0.3%	
5,300	Dun and Bradstreet Inc.	430,413
4,000	Robert Half International Inc.	94,480
	Total Professional Services	524,893
	Real Estate 0.9%	
1,022	AvalonBay Communities, Inc.	57,171
2,500	Boston Properties, Inc.	119,250
9,500	Equity Residential	211,185
12,600	Health Care Property Investors Inc.	266,994
900	Health Care REIT, Inc.	30,690
16,600	Host Hotels & Resorts Inc.	139,274
2,700	Plum Creek Timber Company	80,406
4,500	ProLogis	36,270
6,500	Public Storage, Inc.	425,620
1,712	Simon Property Group, Inc. Ventas Inc.	88,048
1,100 3,671	Vornado Realty Trust	32,846 165,305
3,071		·
	Total Real Estate	1,653,059
	Real Estate Management & Development 0.1%	
19,400	CB Richard Ellis Group, Inc., Class A, (2)	181,584
	Road & Rail 2.7%	
13,800	Burlington Northern Santa Fe Corporation	1,014,852
31,000	CSX Corporation	1,073,530
43,300	Norfolk Southern Corporation	1,631,111

22,600	Union Pacific Corporation	1,176,556
	Total Road & Rail	4,896,049
	Semiconductors & Equipment 2.4%	
52,500	Advanced Micro Devices, Inc., (2)	203,175
40,600	Altera Corporation	660,968
5,400	Analog Devices, Inc.	133,812
21,600	Broadcom Corporation, Class A, (2)	535,464
48,600	Intel Corporation	804,330
1,500	KLA-Tencor Corporation	37,875
22,800	Linear Technology Corporation	532,380
5,200	MEMC Electronic Materials, (2)	92,612
4,100	Microchip Technology Incorporated	92,455
44,600	Micron Technology, Inc., (2)	&n