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SENIOR HIGH INCOME PORTFOLIO INC

Form N-Q

July 26, 2006

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

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANY

Investment Company Act File number 811-7456

Name of Fund: Senior High Income Portfolio, Inc.

Fund Address: P.O. Box 9011
Princeton, NJ 08543-9011

Name and address of agent for service: Robert C. Doll, Jr., Chief Executive
Officer, Senior High Income Portfolio, Inc., 800 Scudders Mill Road,
Plainsboro, NJ, 08536. Mailing address: P.O. Box 9011, Princeton,
NJ, 08543-9011

Registrant's telephone number, including area code: (609) 282-2800

Date of fiscal year end: 02/28/2007

Date of reporting period: 03/01/06 - 05/31/06

Item 1 - Schedule of Investments

Senior High Income Portfolio, Inc.

Schedule of Investments as of May 31, 2006

Industry	Face Amount	Corporate Bonds
Aerospace & Defense - 1.2%	\$ 4,510,000	Vought Aircraft Industries, Inc., 8% due 7/15/2011
Automotive - 4.9%	5,550,000	Advanced Accessory Systems LLC, 10.75% due 6/15/2011
	1,300,000	Cooper-Standard Automotive, Inc., 8.375% due 12/15/2014
	1,350,000	Delco Remy International, Inc., 9.068% due 4/15/2009 (f)
	2,425,000	Exide Technologies, 10.50% due 3/15/2013 (j)
	5,000,000	General Motors Acceptance Corp., 5.968% due 1/16/2007 (f)
	1,175,000	Metaldyne Corp., 11% due 6/15/2012
	475,000	Tenneco Automotive, Inc. Series B, 10.25% due 7/15/2013
	700,000	Venture Holdings Co. LLC, 12% due 6/01/2009 (c)
	3,325,000	Venture Holdings Co. LLC Series B, 9.50% due 7/01/2005 (b)

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Broadcasting - 1.3%	500,000	LIN Television Corp. Series B, 6.50% due 5/15/2011
	1,325,000	Paxson Communications Corp., 8.318% due 1/15/2012 (f) (j)
	2,625,000	Paxson Communications Corp., 11.318% due 1/15/2013 (f) (j)
Cable - International - 1.3%	350,000	NTL Cable Plc, 8.75% due 4/15/2014
	1,550,000	New Skies Satellites NV, 10.414% due 11/01/2011 (f)
	2,450,000	New Skies Satellites NV, 9.125% due 11/01/2012
Cable - U.S. - 8.4%	1,800,000	CSC Holdings, Inc., 7.25% due 7/15/2008
	2,275,000	Cablevision Systems Corp. Series B, 9.62% due 4/01/2009 (f)
	1,750,000	Charter Communications Holdings LLC, 10% due 4/01/2009
	1,000,000	Charter Communications Holdings LLC, 11.75% due 1/15/2010
	2,000,000	Charter Communications Holdings LLC, 11.125% due 1/15/2011
	550,000	Charter Communications Holdings LLC, 9.92% due 4/01/2011
	1,000,000	Charter Communications Holdings LLC, 10% due 5/15/2011
	5,000,000	EchoStar DBS Corp., 8.24% due 10/01/2008 (f)
	1,925,000	Intelsat Subsidiary Holding Co. Ltd., 9.614% due 1/15/2012 (f)
	1,675,000	Intelsat Subsidiary Holding Co. Ltd., 8.25% due 1/15/2013
	2,400,000	Intelsat Subsidiary Holding Co. Ltd., 8.625% due 1/15/2015
	1,400,000	Mediacom Broadband LLC, 11% due 7/15/2013
	1,875,000	Mediacom LLC, 9.50% due 1/15/2013
	5,250,000	Rainbow National Services LLC, 8.75% due 9/01/2012 (j)
	Chemicals - 8.5%	1,350,000
2,250,000		Compass Minerals International, Inc. Series B, 12.5% due 6/01/2013 (g)
4,382,000		GEO Specialty Chemicals, Inc., 13.50% due 12/31/2009 (i)
1,000,000		Huntsman International, LLC, 9.875% due 3/01/2009
1,219,000		Huntsman International, LLC, 10.125% due 7/01/2010
1,708,000		Koppers, Inc., 9.875% due 10/15/2013
1,650,000		Lyondell Chemical Co., 11.125% due 7/15/2012
1,200,000		Millennium America, Inc., 7.625% due 11/15/2026
6,000,000		Nova Chemicals Corp., 8.405% due 11/15/2013 (f)
5,350,000		Omnova Solutions, Inc., 11.25% due 6/01/2010
1,000,000		PolyOne Corp., 6.89% due 9/22/2008
1,322,000		Rockwood Specialties Group, Inc., 10.625% due 5/15/2011
250,000		Rockwood Specialties Group, Inc., 7.50% due 11/15/2014

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Consumer - Durables - 1.3%	4,450,000	Simmons Bedding Co., 7.875% due 1/15/2014
Consumer - Non-Durables - 2.8%	4,725,000	Hines Nurseries, Inc., 10.25% due 10/01/2011
	2,125,000	North Atlantic Trading Co., 9.25% due 3/01/2012
	3,525,000	Quiksilver, Inc., 6.875% due 4/15/2015
Diversified Media - 1.1%	1,000,000	AMC Entertainment, Inc., 11% due 2/01/2016 (j)
	175,000	Universal City Florida Holding Co. I, 8.375% due 5/01/2010
	2,450,000	Universal City Florida Holding Co. I, 9.899% due 5/01/2010 (f)
Energy - Exploration & Production - 2.2%	1,500,000	Chaparral Energy, Inc., 8.50% due 12/01/2015 (j)
	3,000,000	Compton Petroleum Finance Corp., 7.625% due 12/01/2013
	3,000,000	Tronox Worldwide LLC, 9.50% due 12/01/2012 (j)
Energy - Other - 3.7%	1,000,000	Dresser, Inc., 9.375% due 4/15/2011
	974,000	Dresser-Rand Group, Inc., 7.375% due 11/01/2014
	5,000,000	Ocean RIG ASA, 8.99% due 4/04/2011
	3,325,000	SemGroup LP, 8.75% due 11/15/2015 (j)
	2,000,000	VeraSun Energy Corp., 9.875% due 12/15/2012 (j)
Financial - 1.5%	4,000,000	Highland Legacy Ltd CLO, 9.943% due 6/01/2011 (f)
	500,000	Investcorp SA, 7.54% due 10/21/2008
	1,000,000	Pennant CBO Ltd., 13.43% due 3/14/2011
Food & Drug - 0.2%	500,000	Stripes Acquisition LLC, 10.625% due 12/15/2013 (j)
Gaming - 5.8%	5,925,000	CCM Merger, Inc., 8% due 8/01/2013 (j)
	5,450,000	Galaxy Entertainment Finance Co. Ltd., 10.42% due 12/15/2010 (f)(j)
	550,000	Galaxy Entertainment Finance Co. Ltd., 9.875% due 12/15/2012 (j)
	2,000,000	Inn of the Mountain Gods Resort & Casino, 12% due 11/15/2010
	2,000,000	Jacobs Entertainment, Inc., 11.875% due 2/01/2009
	1,550,000	Little Traverse Bay Bands of Odawa Indians, 10.25% due 2/15/2014 (j)
	300,000	Penn National Gaming, Inc., 6.75% due 3/01/2015
	1,500,000	Tunica-Biloxi Gaming Authority, 9% due 11/15/2015
Health Care - 2.6%	1,875,000	CDRV Investors, Inc., 9.75% due 1/01/2015 (g)
	1,650,000	Elan Finance Plc, 7.75% due 11/15/2011
	2,325,000	Elan Finance Plc, 9.17% due 11/15/2011 (f)
	3,000,000	Tenet Healthcare Corp., 7.375% due 2/01/2013
	700,000	VWR International, Inc., 8% due 4/15/2014

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Housing - 3.0%	500,000	Compression Polymers Corp., 10.50% due 7/01/2013
	2,555,000	Goodman Global Holding Co., Inc., 8.329% due 6/15/2012 (f)
	4,750,000	Goodman Global Holding Co., Inc., 7.875% due 12/15/2012
	2,500,000	Technical Olympic USA, Inc., 8.25% due 4/01/2011
Information Technology - 4.8%	3,800,000	Amkor Technology, Inc., 9.25% due 2/15/2008
	2,450,000	Freescale Semiconductor, Inc., 7.818% due 7/15/2009 (f)
	1,375,000	MagnaChip Semiconductor SA, 8.579% due 12/15/2011 (f)
	5,250,000	Sungard Data Systems, Inc., 9.125% due 8/15/2013
	1,750,000	Sungard Data Systems, Inc., 9.431% due 8/15/2013 (f) (j)
	1,075,000	Telcordia Technologies Inc., 10% due 3/15/2013 (j)
Leisure - 1.4%	3,000,000	Felcor Lodging LP, 9.57% due 6/01/2011 (f)
	2,000,000	True Temper Sports, Inc., 8.375% due 9/15/2011
Manufacturing - 3.0%	1,750,000	Columbus McKinnon Corp., 8.875% due 11/01/2013
	3,000,000	Communications & Power Industries, Inc., 8% due 2/01/2012
	2,250,000	EaglePicher Inc., 9.75% due 9/01/2013 (c)
	2,825,000	Invensys Plc, 9.875% due 3/15/2011 (j)
	750,000	Propex Fabrics, Inc., 10% due 12/01/2012
Metal - Other - 3.3%	500,000	Aleris International, Inc., 9% due 11/15/2014
	2,950,000	Indalex Holding Corp., 11.50% due 2/01/2014 (j)
	5,000,000	James River Coal Co., 9.375% due 6/01/2012
	2,225,000	RathGibson, Inc., 11.25% due 2/15/2014 (j)
Packaging - 1.1%	2,000,000	Packaging Dynamics Finance Corp., 10% due 5/01/2016 (j)
	2,000,000	Wise Metals Group LLC, 10.25% due 5/15/2012
Paper - 9.7%	3,275,000	Abitibi-Consolidated, Inc., 8.829% due 6/15/2011
	4,975,000	Ainsworth Lumber Co. Ltd., 8.71% due 10/01/2010 (
	2,500,000	Ainsworth Lumber Co. Ltd., 9.068% due 4/01/2013 (
	1,100,000	Boise Cascade LLC, 7.943% due 10/15/2012 (f)
	350,000	Boise Cascade LLC, 7.125% due 10/15/2014
	7,475,000	Bowater, Inc., 8.329% due 3/15/2010 (f)
	1,775,000	Domtar, Inc., 7.125% due 8/15/2015
	625,000	Graphic Packaging International Corp., 9.50% due 8/15/2013
	5,150,000	JSG Funding Plc, 7.75% due 4/01/2015
	5,175,000	NewPage Corp., 11.399% due 5/01/2012 (f)
800,000	Smurfit-Stone Container Enterprises, Inc., 8.375% due 7/01/2012	

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Retail - 1.3%	2,250,000	Neiman-Marcus Group, Inc., 9% due 10/15/2015 (j)
	2,000,000	Neiman-Marcus Group, Inc., 10.375% due 10/15/2015
Service - 5.0%	2,700,000	Ahern Rentals, Inc., 9.25% due 8/15/2013
	250,000	Avis Budget Car Rental LLC, 7.576% due 5/15/2014 (f) (j)
	4,000,000	HydroChem Industrial Services, Inc., 9.25% due 2/15/2013 (j)
	2,325,000	MSW Energy Holdings LLC, 8.50% due 9/01/2010
	2,000,000	Neff Rental LLC, 11.25% due 6/15/2012 (j)
	5,450,000	United Rentals North America, Inc., 7.75% due 11/15/2013
Telecommunications - 4.2%	2,045,000	Cincinnati Bell, Inc., 8.375% due 1/15/2014
	1,200,000	Nordic Telephone Co. Holdings ApS, 8.875% due 5/01/2016 (j)
	4,000,000	Qwest Communications International, Inc., 8.67% due 2/15/2009 (f)
	1,025,000	Qwest Corp., 8.579% due 6/15/2013 (f)
	3,500,000	Time Warner Telecom Holdings, Inc., 9.17% due 2/15/2011 (f)
	2,000,000	Time Warner Telecom Holdings, Inc., 9.25% due 2/15/2014
Transportation - 0.5%	1,500,000	Progress Rail Services Corp., 7.75% due 4/01/2012
Utility - 0.7%	1,600,000	Dynegy Holdings, Inc., 8.375% due 5/01/2016 (j)
	725,000	Williams Cos., Inc., 8.625% due 6/01/2010
Wireless Communications - 1.0%	1,550,000	Digicel Ltd., 9.25% due 9/01/2012 (j)
	1,000,000	Rural Cellular Corp., 9.41% due 3/15/2010 (f)
	800,000	US Unwired, Inc., 9.579% due 6/15/2010 (f)
		Total Corporate Bonds
		(Cost - \$295,261,544) - 85.8%
		Floating Rate Loan Interests (a)
Aerospace & Defense - 1.5%	5,092,593	Standard Aero Holdings Term Loan, 6.96% - 7.35% due 8/24/2012
Airlines - 0.1%	500,000	Delta Air Lines Term Loan B, 10.023% due 3/16/2009
Automotive - 1.8%	1,851,852	Intermet Corp. First Lien Term Loan, 9.87% due 11/08/2010
	648,148	Intermet Corp. Letter of Credit, 8.49% due 11/08/2009
	1,852,550	Metaldyne Corp. Term Loan D, 9.50% due 12/31/2009
	270,000	Metaldyne Term Loan D, 9.50% due 12/31/2009

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	1,092,618	Tenneco Automotive, Inc. Term Loan B, 7.19% due 12/12/2010
	479,968	Tenneco Automotive, Inc. Tranche B-1 Credit Linked Deposit, 7.052% due 12/12/2010
Cable - U.S. - 9.0%	5,000,000	Adelphia Communications Corp. Term Loan B, 10% due 6/30/2009
	2,155,172	Cebridge Connections Term Loan B, 7.319% due 11/05/2013
	3,000,000	Century Cable Holdings LLC, Discretionary Term Loan 10% due 12/31/2009
	8,000,000	Charter Communications, Inc. Term Loan B, 7.755% 4/28/2013
	3,910,000	Insight Midwest Holdings LLC Term Loan C, 7% due 12/31/2009
	1,997,647	Mediacom Communications Term Loan D, 6.809% - 7.0% due 1/31/2015
	2,567,500	Mediacom LLC Term Loan C, 6.809% - 7.002% due 1/31/2015
	4,000,000	Olympus Cable Holdings LLC Term Loan B, 10% due 9/30/2010
Chemicals - 4.9%	2,679,750	CII Carbon Term Loan B, 7.125% due 8/23/2012
	2,576,351	Celanese Holdings LLC Term Loan B, 6.98% due 4/06/2011
	1,577,265	Huntsman ICI Holdings Term Loan B, 6.831% due 8/16/2012
	1,592,000	Rockwood Specialties Group, Inc. Tranche D Term Loan 6.466% due 12/10/2012
	8,000,000	Wellman, Inc. First Lien Term Loan, 9.149% due 2/10/2009
Consumer - Non-Durables - 2.3%	4,640,278	American Safety Razor Co. Tranche B Term Loan, 7% due 2/28/2012
	1,485,000	Culligan International Co. Term Loan, 7.081% due 9/30/2011
	1,466,250	Solo Cup Co. Term Loan, 7.479% - 7.61% due 2/27/2012
Energy - Exploration & Production - 0.1%	500,000	MEG Energy Corp. Term Loan B, 7% due 4/03/2013
Energy - Other - 2.7%	2,985,000	Cheniere Energy, Inc. Term Loan B, 7.729% due 8/31/2012
	236,197	Dresser, Inc. Term Loan C, 7.60% due 4/10/2009
	1,250,000	Dresser, Inc. Term Loan Unsecured, 8.65% due 2/25/2010
	2,493,750	Key Energy Services, Inc. Term Loan B, 8.25% - 8.5% due 6/30/2012
	2,000,000	Scorpion Drilling Ltd. Second Lien Term Loan, 12.5% due 5/05/2015
Financial - 1.3%	2,000,000	JG Wentworth Manufacturing Term Loan, 8.545%

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		due 4/12/2011
	2,250,000	JG Wentworth Manufacturing Term Loan, 8.545% due 4/14/2011
Food & Tobacco - 3.0%	750,000	Bolthouse Farms, Inc. Second Lien Term Loan, 10.3% due 12/01/2013
	1,906,667	Commonwealth Brands Term Loan, 7.438% due 12/22/2012
	465,116	Dole Food Co., Inc. Letter of Credit, 4.92% due 4/12/2013
	1,046,512	Dole Food Co., Inc. Term Loan B, 6.688% - 8.75% due 4/12/2013
	3,488,372	Dole Food Co., Inc. Term Loan C, 6.875% - 8.75% due 4/04/2013
	1,426,667	Pierre Foods, Inc. Term Loan B, 6.93% due 6/30/2013
	1,000,000	QCE LLC First Lien Term Loan, 7.31% due 5/05/2013
Gaming - 1.5%	4,987,621	Resorts International First Lien Term Loan, 7.98% due 4/26/2012
Health Care - 1.0%	3,359,633	VWR International, Inc. Tranche B Term Loan, 7.34% due 4/07/2011
Housing - 2.6%	2,336,169	Headwaters, Inc. Term Loan B-1, 7.08% due 4/30/2013
	1,100,559	LIONS Gables Realty Term Loan B, 6.82% - 6.86% due 9/30/2006
	1,438,073	LNR Property Corp. Tranche B Term Loan, 7.85% - 8.08% due 2/03/2008
	4,000,000	Stile U.S. Acquisition Corp. Bridge Loan, 11.362% due 4/06/2015
Information Technology - 1.5%	1,760,000	Activant Solutions Term Loan B, 7.188% due 5/02/2013
	1,755,000	Fidelity National Information Solutions, Inc. Term Loan, 6.83% due 3/09/2013
	1,670,625	Telcordia Technologies, Inc. Term Loan, 7.31% due 9/15/2012
Manufacturing - 1.4%	1,390,844	Invensys International Holdings Ltd. First Lien Term Loan, 8.501% due 9/04/2009
	3,465,000	Metokote Corp. Second Lien Term Loan, 8.31% - 8.4% due 11/27/2011
Metal - Other - 1.4%	994,737	Euramax International Plc Second Lien Term Loan, 11.544% due 6/29/2013
	1,700,843	Euramax International Plc Tranche 3 Term Loan B, 7.25% due 6/29/2012
	2,005,263	Euramax International Plc Tranche 4 Second Lien Term Loan, 12% due 6/29/2013
Packaging - 2.3%	2,142,857	Anchor Glass Container Corp. Term Loan B, 7.309% due 11/27/2011

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		due 5/03/2013
	2,000,000	Graham Packaging Co. LP Second Lien Term Loan, 9.25% due 4/07/2012
	3,534,686	Owens-Illinois Group, Inc. Tranche Term Loan C, 6% due 4/01/2008
Paper - 0.7%	2,500,000	Georgia Pacific Corp. Second Lien Term Loan C, 7.5% due 2/14/2014
Retail - 0.1%	302,916	General Nutrition Centers, Inc. Tranche B Term Loan, 7.85% - 7.97% due 12/05/2009
Service - 2.8%	992,832	Allied Waste North America, Inc. Term Loan, 6.73% due 1/15/2012
	385,956	Allied Waste North America, Inc. Tranche A Credit Deposit, 6.38% due 1/15/2012
	1,633,333	United Rentals, Inc. Term Loan, 7.10% due 2/14/2011
	333,333	United Rentals, Inc. Tranche B Credit Linked Deposit, 6.64% due 2/14/2011
	2,160,000	Waste Services, Inc. Term Loan B, 8.29% - 8.34% due 3/31/2011
	3,930,000	Waste Services, Inc. Term Loan B, 8.33% - 10.25% due 3/31/2011
Telecommunications - 0.7%	1,702,542	Winstar Communications Debtor in Possession, 6.36% due 12/31/2006 (c)
Utility - 1.5%	1,500,000	Calpine Corp. Delay Draw Term Loan, 8.979% due 12/20/2007
	1,700,000	Covanta Energy Corp. Second Lien Term Loan, 10.46% due 6/24/2013
	750,000	El Paso Corp. Deposit Account, 4.29% due 11/23/2009
	970,000	El Paso Corp. Term Loan, 7.75% due 11/23/2009
Wireless Communications - 0.8%	2,750,000	Centennial Cellular Operating Co. Term Loan, 6.45% - 7.57% due 2/09/2011
		Total Floating Rate Loan Interests (Cost - \$149,810,946) - 45.0%
	Shares Held	Common Stocks
Chemicals - 0.1%	142,466	GEO Specialty Chemicals, Inc. (e)
Leisure - 0.1%	41,866	Lodgian, Inc. (e)
		Total Common Stocks (Cost - \$2,818,936) - 0.2%
		Preferred Stocks

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Cable - U.S. - 0.0%	2,500	Adelphia Communications Corp. Series B, 13% (e)
		Total Preferred Stocks (Cost - \$225,000) - 0.0%
		Warrants (h)
Paper - 0.0%	3,500	MDP Acquisitions Plc (expires 10/01/2013)
Wireless Communications - 0.1%	600	American Tower Corp. (expires 8/01/2008)
		Total Warrants (Cost - \$39,036) - 0.1%
		Beneficial Interest
		Other Interests (d)
Automotive - 0.0%	\$ 4,130,972	Cambridge Industries, Inc. (Litigation Trust Certificates)
Health Care - 0.0%	10,284	MEDIQ Inc. (Preferred Stock Escrow due 2/01/2006)
		Total Other Interests (Cost - \$0) - 0.0%
		Short-Term Securities
	\$ 563,379	Merrill Lynch Liquidity Series, LLC Cash Sweep Series I, 4.85% (k) (1)
		Total Short-Term Securities (Cost - \$563,379) - 0.2%
		Total Investments (Cost - \$448,718,841*) - 131.3%
		Liabilities in Excess of Other Assets - (31.3%)
		Net Assets - 100.0%

* The cost and unrealized appreciation (depreciation) of investments as of May 31, 2006, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 448,388,503
	=====
Gross unrealized appreciation	\$ 11,432,831
Gross unrealized depreciation	(13,750,465)

Net unrealized depreciation	\$ (2,317,634)
	=====

(a) Floating rate loan interests which the Fund invests generally pay interest at rates that are periodically redetermined by reference

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to a base lending rate plus a premium. The base lending rates are generally (i) the lending rate offered by one or more major European banks, such as LIBOR (London InterBank Offered Rate), (ii) the prime rate offered by one or more major U.S. banks or (iii) the certificate of deposit rate.

- (b) As a result of bankruptcy proceedings, the company did not repay the principal amount of the security upon maturity and is non-income producing.
- (c) Non-income producing security; issuer filed for bankruptcy or is in default of interest payments.
- (d) Other interests represent beneficial interest in liquidation trusts and other reorganization entities and are non-income producing.
- (e) Non-income producing security.
- (f) Floating rate note.
- (g) Represents a step bond; the interest rate shown reflects the effective yield at the time of purchase.
- (h) Warrants entitle the Fund to purchase a predetermined number of shares of common stock and are non-income producing. The purchase price and number of shares are subject to adjustment under certain conditions until the expiration date.
- (i) Convertible security.
- (j) The security may be offered and sold to "qualified institutional buyers" under Rule 144A of the Securities Act of 1933.
- (k) Investments in companies considered to be an affiliate of the Fund, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

Affiliate	Net Activity	Interest Income
Merrill Lynch Liquidity Series, LLC Cash Sweep Series I	\$ 563,379	\$ 11,415

- (l) Represents the current yield as of 5/31/2006.
- o For Fund compliance purposes, the Fund's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Fund management. This definition may not apply for purposes of this report, which may combine industry sub-classifications for reporting ease. Industries are shown as a percent of net assets.

Item 2 - Controls and Procedures

- 2(a) - The registrant's certifying officers have reasonably designed such disclosure controls and procedures to ensure material information relating to the registrant is made known to us by others particularly during the period in which this report is being prepared. The

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registrant's certifying officers have determined that the registrant's disclosure controls and procedures are effective based on our evaluation of these controls and procedures as of a date within 90 days prior to the filing date of this report.

- 2(b) - There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act (17 CFR 270.30a-3(d)) that occurred during the last fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3 - Exhibits

Certifications - Attached hereto

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.

Senior High Income Portfolio, Inc.

By: /s/ Robert C. Doll, Jr.

Robert C. Doll, Jr.
Chief Executive Officer
Senior High Income Portfolio, Inc.

Date: July 21, 2006

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/ Robert C. Doll, Jr.

Robert C. Doll, Jr.
Chief Executive Officer
Senior High Income Portfolio, Inc.

Date: July 21, 2006

By: /s/ Donald C. Burke

Donald C. Burke
Chief Financial Officer
Senior High Income Portfolio, Inc.

Date: July 21, 2006