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SENIOR HIGH INCOME PORTFOLIO INC

Form NSAR-B

April 27, 2007

PAGE 1  
000 B000000 02/28/2007  
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000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 BLACKROCK SENIOR HIGH INCOME FUND, INC.  
001 B000000 811-07456  
001 C000000 6092822800  
002 A000000 P.O. BOX 9011  
002 B000000 PRINCETON  
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007 C010800 8  
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008 A000001 BLACKROCK ADVISORS, LLC  
008 B000001 A  
008 C000001 801-47710  
008 D010001 WILMINGTON  
008 D020001 DE  
008 D030001 19809  
008 A000002 BLACKROCK FINANCIAL MANAGEMENT, INC.  
008 B000002 S  
008 C000002 801-48433  
008 D010002 NEW YORK  
008 D020002 NY  
008 D030002 10022  
011 A000001 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
011 B000001 8-7221  
011 C010001 NEW YORK  
011 C020001 NY  
011 C030001 10281  
011 C040001 1201  
PAGE 2  
012 A000001 THE BANK OF NEW YORK  
012 B000001 85-05006  
012 C010001 NEW YORK  
012 C020001 NY  
012 C030001 10286  
013 A000001 DELOITTE & TOUCHE LLP

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013 B010001 PRINCETON  
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014 A000001 MLPF&S AND OTHER ML BROKER/DEALER AFFILIATES  
014 B000001 8-7221  
014 A000002 BLACKROCK INVESTMENTS, INC.  
014 B000002 8-048436  
014 A000003 NORTHERN FUNDS DISTRIBUTORS, LLC  
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014 A000004 PNC CAPITAL MARKETS, LLC  
014 B000004 8-032493  
014 A000005 J.J.B. HILLIARD W.L. LYONS, INC.  
014 B000005 8-033133  
014 A000006 PFPC DISTRIBUTORS, INC.  
014 B000006 8-045467  
014 A000007 MGI FUNDS DISTRIBUTORS, INC.  
014 B000007 8-046960  
014 A000008 ABN AMRO DISTRIBUTION SERVICES, INC.  
014 B000008 8-052396  
014 A000009 BLACKROCK DISTRIBUTORS, INC.  
014 B000009 8-048775  
014 A000010 PERSIMMON SECURITIES, INC.  
014 B000010 8-053071  
014 A000011 PNC INVESTMENTS LLC  
014 B000011 8-066195  
014 A000012 STATE STREET RESEARCH INVEST SERV, INC.  
014 B000012 8-035442  
015 A000001 THE BANK OF NEW YORK  
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015 A000002 BANKERS TRUST COMPANY  
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015 A000003 J.P. MORGAN CHASE BANK  
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015 A000004 CUSTODIAL TRUST CO.  
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 022 A000003 CREDIT SUISSE SECURITIES (USA) L.L.C.  
 022 B000003 13-5659485  
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 022 A000008 GOLDMAN, SACHS & CO.  
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PAGE 6

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088	C000000	N
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088	D000000	N
SIGNATURE	DONALD C. BURKE	
TITLE	TREASURER	