

FIRST TRUST SENIOR FLOATING RATE INCOME FUND II
Form N-Q
April 24, 2017

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 811-21539

First Trust Senior Floating Rate Income Fund II

(Exact name of registrant as specified in charter)

120 East Liberty Drive, Suite 400
Wheaton, IL 60187

(Address of principal executive offices) (Zip code)

W. Scott Jardine, Esq.

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

(Name and address of agent for service)

Registrant's telephone number, including area code: 630-765-8000

Date of fiscal year end: May 31

Date of reporting period: February 28, 2017

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (ss.ss. 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q 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 the Secretary, Securities and Exchange Commission, 100 F Street, NE, Washington, DC 20549. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. ss. 3507.

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ITEM 1. SCHEDULE OF INVESTMENTS. The Schedule(s) of Investments is attached herewith.

FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
 PORTFOLIO OF INVESTMENTS (a)
 FEBRUARY 28, 2017 (UNAUDITED)

PRINCIPAL VALUE	DESCRIPTION	RATE (b)	S MATU
SENIOR FLOATING-RATE LOAN INTERESTS - 138.3%			
	AEROSPACE & DEFENSE - 2.0%		
\$ 400,000	B/E Aerospace, Inc., Term Loan B	3.89%-4.00%	12
6,407,524	Transdigm, Inc., Term Loan F - Extended	3.78%	06
780,000	Transdigm, Inc., Tranche D Term Loan	3.78%-4.00%	06
	ALTERNATIVE CARRIERS - 1.4%		
5,412,772	Level 3 Financing, Inc., Tranche B 2024 Term Loan	3.31%	02
	APPAREL RETAIL - 0.4%		
1,531,976	Neiman Marcus Group, Inc., The, Other Term Loan	4.25%	10
249,375	Samsonite International S.A., Term Loan B	3.50%	08
	APPLICATION SOFTWARE - 4.6%		
4,593,834	Epicor Software Corp., Term B Loan	4.75%	06
1,270,542	Infor (US), Inc., Term Loan B	3.75%	02
2,709,295	Informatica Corp. (Ithacalux S.A.R.L), Dollar Term Loan	4.50%	08
995,960	JDA Software Group (RP Crown Parent, Inc.), Term Loan B	4.50%	09
2,688,000	Kronos, Inc., 1st Lien Term Loan	5.00%-5.03%	10
991,667	LANDesk Software, Inc., Term Loan B	5.25%	01
2,520,870	Mitchell International, Inc., Initial Term Loan	4.50%-4.54%	10
500,000	Synchronoss Technologies, Inc., Term Loan B	4.08%	01
1,346,755	Triple Point Technologies, Inc., Term Loan B.....	5.25%	07
	ASSET MANAGEMENT & CUSTODY BANKS - 2.2%		
770,609	American Beacon Advisors, Inc., Term Loan B	5.25%	03
1,306,226	Guggenheim Partners Investment Management Holdings LLC, Term Loan B	3.53%	07
1,423,558	Hamilton Lane Advisors LLC, Initial Term Loan	4.28%	07
631,189	Mondrian Investment Partners Ltd. (MIPL Group Ltd.), Term Loan B	4.00%	03
4,437,500	Victory Capital Holdings (VCH Holdings LLC), Initial Term Loan	8.50%	10

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	AUTO PARTS & EQUIPMENT - 0.5%		
794,667	Cooper Standard Holdings (CS Intermediate Holdco 2 LLC), Term Loan B	3.75%	11

See Notes to Portfolio of Investments

FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
FEBRUARY 28, 2017 (UNAUDITED)

PRINCIPAL VALUE	DESCRIPTION	RATE (b)	S MATU

SENIOR FLOATING-RATE LOAN INTERESTS (CONTINUED)			
AUTO PARTS & EQUIPMENT (CONTINUED)			
\$ 1,252,929	Tower Automotive Holdings USA LLC, Initial Term Loan (2014)...	4.06%	04
AUTOMOTIVE RETAIL - 0.5%			
2,056,552	KAR Auction Services, Inc., Tranche B-3 Term Loan	4.50%	03
BROADCASTING - 3.3%			
2,798,370	Cumulus Media Holdings, Inc., Term Loan	4.25%	12
33,745	Nexstar Broadcasting, Inc., Mission Term Loan	3.77%	09
355,345	Nexstar Broadcasting, Inc., Nexstar Term Loan	3.77%	09
599,924	Tribune Media Co., Extended Term Loan C	3.78%	01
48,013	Tribune Media Co., Term B Loan	3.77%	12
2,615,678	Univision Communications, Inc., 2013 Incremental Term Loan ...	4.00%	03
6,874,764	Univision Communications, Inc., Replacement First-Lien Term Loan	4.00%	03
BUILDING PRODUCTS - 1.7%			
192,548	Jeld-Wen, Inc., Term Loan B	4.75%	07
6,254,545	Quikrete Holdings, Inc., Term Loan B	4.02%	11
CABLE & SATELLITE - 1.0%			
328,125	Cablevision Systems Corp. (CSC Holdings, Inc.), TL B	3.77%	10
1,569,395	Cequel Communications LLC (Altice US Finance I Corp.), Term Loan B	3.88%	10
412,500	Mediacom Broadband LLC, Term Loan K	3.00%	02
1,200,000	UPC Financing Partnership, Term Loan AP	3.52%	04

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340,000	Virgin Media Finance PLC, Term Loan I	3.52%	01
	CASINOS & GAMING - 9.8%		
721,875	Amaya Holdings B.V., 2nd Lien TL	8.00%	07
10,641,310	Amaya Holdings B.V., Term Loan B	4.50%	08
748,125	Boyd Gaming Corp., Term Loan B2	3.59%	08
5,069,224	Caesars Entertainment Resort Properties LLC, Term B Loan	7.00%	10
9,936,141	Caesars Growth Partners LLC, Term B Loan (First Lien)	6.25%	05
4,316,389	CityCenter Holdings LLC, Term Loan B	3.75%	10
381,731	MGM Growth Properties Operating Partnership LP, Term Loan B...	3.28%	04
333,333	Penn National Gaming, Inc., Term Loan B	3.28%	01

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 PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
 FEBRUARY 28, 2017 (UNAUDITED)

PRINCIPAL VALUE	DESCRIPTION	RATE (b)	S MATU

SENIOR FLOATING-RATE LOAN INTERESTS (CONTINUED)			
CASINOS & GAMING (CONTINUED)			
\$ 5,273,500	Station Casinos, Inc., Term Loan B	3.28%	06
COAL & CONSUMABLE FUELS - 0.4%			
800,000	Arch Coal, Inc., Term Loan B (d)	5.00%	02
660,000	Peabody Energy Corp., Exit Term Loan	6.25%	02
COMMERCIAL PRINTING - 0.3%			
1,214,113	Southern Graphic, Inc., Term Loan	4.25%	10
CONSTRUCTION MATERIALS - 0.2%			
640,250	Summit Materials, Inc., Term Loan B	3.53%-3.75%	07
CONSUMER FINANCE - 1.4%			
2,503,789	Altisource Solutions S.A.R.L., Term B Loan	4.50%	12
3,064,626	Walter Investment Management Corp., Tranche B Term Loan	4.75%	12

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	DISTRIBUTORS - 0.3%		
498,750	HD Supply, Inc., Term B-2 Loan	3.75%	08
635,045	HD Supply, Inc., Term Loan B	3.75%	08
	DIVERSIFIED CHEMICALS - 0.1%		
392,996	Ineos US Finance LLC, Term Loan B	3.81%	03
	DIVERSIFIED SUPPORT SERVICES - 0.2%		
816,667	Brickman Group Holdings, Inc, Second Lien Term Loan	7.50%	12
	EDUCATION SERVICES - 0.1%		
245,937	Bright Horizons Family Solutions, Inc., Term Loan B	3.52%	11
	ELECTRIC UTILITIES - 2.8%		
375,000	Dayton Power & Light Co., Term Loan B	4.04%	08
740,306	Lightstone Generation LLC, Term Loan B	6.54%	12
70,505	Lightstone Generation LLC, Term Loan C	6.54%	12
1,800,000	Vistra Energy Corp. (TXU/TEX/TCEH), 2016 Incremental Term Loan (e)	4.02%	12
6,162,786	Vistra Energy Corp. (TXU/TEX/TCEH), Term Loan B (e).....	3.53%	08
1,405,548	Vistra Energy Corp. (TXU/TEX/TCEH), Term Loan C (e).....	3.53%	08
	ENVIRONMENTAL & FACILITIES SERVICES - 1.0%		
621,272	PSSI (Packers Holdings LLC), Term B Loan	4.75%	12
1,594,103	ServiceMaster Co., Term Loan B	3.28%	11

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FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
FEBRUARY 28, 2017 (UNAUDITED)

PRINCIPAL VALUE	DESCRIPTION	RATE (b)	S MATU

SENIOR FLOATING-RATE LOAN INTERESTS (CONTINUED)			
ENVIRONMENTAL & FACILITIES SERVICES (CONTINUED)			
\$ 1,552,000	WTG Holdings III Corp. (EWT Holdings III Corp.), Term Loan (First Lien)	4.75%	01

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	FOOD DISTRIBUTORS - 0.3%		
1,194,000	US Foods, Inc., Term Loan B	3.53%	06
	FOOD RETAIL - 2.7%		
10,171,499	Albertsons LLC, Term Loan B4	3.78%	08
	HEALTH CARE EQUIPMENT - 1.2%		
1,341,614	Alere, Inc., Term B Loan	4.25%	06
3,250,500	DJO Finance LLC (ReAble Therapeutics Finance LLC), Initial Term Loan	4.25%	06
200,000	Kinetic Concepts, Inc. (Acelity L.P., Inc.), Term Loan B	4.28%	01
	HEALTH CARE FACILITIES - 7.8%		
1,081,379	Acadia Healthcare Co., Inc., Term Loan B1	3.78%	02
1,237,500	Acadia Healthcare Co., Inc., Term Loan B2	3.78%	02
9,533,657	CHS/Community Health Systems, Inc., Incremental 2021 Term H Loan	4.00%-4.05%	01
1,354,375	Concentra, Inc. (MJ Acquisition Corp.), Term Loan B	4.00%-5.75%	05
6,636,274	Kindred Healthcare, Inc., New Term Loan	4.31%	04
2,697,051	National Veterinary Associates (NVA Holdings, Inc.), Term Loan B2	4.50%	08
7,527,976	Select Medical Corp., Term Loan F	6.00%-7.75%	02
	HEALTH CARE SERVICES - 9.9%		
3,981,576	21st Century Oncology, Inc., Tranche B Term Loan	7.13%	04
3,447,500	Air Medical Group Holdings, Inc., Initial Term Loan	4.25%	04
3,932,611	CareCore National LLC, Term Loan	5.50%	03
1,570,295	CHG Healthcare Services, Inc, Term Loan B.....	4.75%	05
3,193,125	Curo Health Services Holdings, Inc., Term Loan B	5.75%-5.79%	02
4,349,550	Envision Healthcare Corp. (Emergency Medical Services Corp.), Term Loan B	4.00%	11
665,000	ExamWorks Group, Inc., Term Loan B	4.25%	07
4,646,800	Healogics, Inc. (CDRH Parent, Inc.), Initial Term Loan (First Lien)	5.25%	07
1,474,933	Surgery Centers Holdings, Inc., Term Loan B.....	4.75%	11

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FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
FEBRUARY 28, 2017 (UNAUDITED)

PRINCIPAL VALUE	DESCRIPTION	RATE (b)	MATU
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SENIOR FLOATING-RATE LOAN INTERESTS (CONTINUED)

HEALTH CARE SERVICES (CONTINUED)				
\$	982,538	Surgical Care Affiliates LLC, Term Loan B	3.75%	03
	5,280,000	Team Health, Inc., Term Loan B	3.75%	01
	5,352,142	U.S. Renal Care, Inc., Term Loan B	5.25%	12
HEALTH CARE SUPPLIES - 0.1%				
	414,894	ConvaTec, Inc., Term Loan B	3.28%	10
HEALTH CARE TECHNOLOGY - 0.7%				
	600,000	Change Healthcare Holdings, Inc., Term Loan B	3.75%	02
	2,056,810	Cotiviti Corp., Term Loan B	3.61%	09
HOTELS, RESORTS & CRUISE LINES - 0.5%				
	1,436,400	Extended Stay America (ESH Hospitality, Inc.), Term Loan B ...	3.78%	08
	450,000	Four Seasons Holdings, Inc., Term Loan B	3.75%	11
HOUSEHOLD PRODUCTS - 0.2%				
	691,706	Spectrum Brands, Inc., Term Loan B	3.25%-3.51%	06
HYPERMARKETS & SUPER CENTERS - 2.5%				
	8,380,211	BJ's Wholesale Club, Inc., 1st Lien Term Loan	4.75%	01
	1,451,165	BJ's Wholesale Club, Inc., 2nd Lien Term Loan	8.50%	01
INDEPENDENT POWER PRODUCERS & ENERGY TRADERS - 0.5%				
	1,975,000	Calpine Corp., Term Loan B5	3.50%	01
INDUSTRIAL CONGLOMERATES - 2.7%				
	9,988,422	Gardner Denver, Inc., Initial Dollar Term Loan	4.25%-4.57%	07
	340,000	Rexnord (RBS Global, Inc.), Term Loan B	3.75%-3.79%	08
INDUSTRIAL MACHINERY - 0.3%				
	1,176,000	Douglas Dynamics LLC, Term Loan B	4.50%	12
INSURANCE BROKERS - 3.7%				
	1,200,000	Amwins Group LLC, Term Loan B (First Lien)	3.75%	01
	4,166,667	Confie Seguros Holding II Co., Term Loan B.....	5.75%	03
	2,521,693	HUB International Ltd., Initial Term Loan (New)	4.00%-4.03%	10
	1,750,000	National Financial Partners Corp., Term Loan B	4.50%	12

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FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
 PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
 FEBRUARY 28, 2017 (UNAUDITED)

PRINCIPAL VALUE	DESCRIPTION	RATE (b)	S MATU

SENIOR FLOATING-RATE LOAN INTERESTS (CONTINUED)			
INSURANCE BROKERS (CONTINUED)			
\$ 4,642,638	USI, Inc. (Compass Investors, Inc.), Initial Term Loan	4.25%	12
INTEGRATED TELECOMMUNICATION SERVICES - 3.3%			
1,754,444	Cincinnati Bell, Inc., Tranche B Term Loan	4.00%	09
1,915,633	Hawaiian Telcom Communications, Inc., Term Loan	5.25%-5.29%	06
4,688,358	Numericable U.S. LLC (Altice France S.A.), Term Loan B10	4.29%	01
3,123,993	Numericable U.S. LLC (Altice France S.A.), USD TLB-7 Loan	5.29%	01
1,083,333	Zayo Group Holdings, Inc., Term Loan B2	3.50%	01
LEISURE FACILITIES - 2.0%			
3,664,780	ClubCorp Club Operations, Inc., Term Loan B	4.00%	12
1,396,228	Life Time Fitness, Inc., Term Loan B	4.00%	06
2,654,296	Planet Fitness Holdings LLC, Term Loan B	4.28%-4.50%	03
LIFE SCIENCES TOOLS & SERVICES - 6.6%			
5,298,678	Immucor, Inc., Term B-2 Loan	5.00%	08
5,833,333	InVentiv Health, Inc., Term Loan B	4.80%	09
520,108	Millennium Laboratories LLC (New Millennium Holdco.), Closing Date Term Loan (f)	7.50%	12
7,489,736	Ortho-Clinical Diagnostics, Inc. (Crimson Merger Sub, Inc.), Initial Term Loan	4.75%	06
4,319,037	Pharmaceutical Product Development, Inc., Initial Term Loan...	4.25%	08
2,172,500	Sterigenics International (STHI Intermediate Holding Corp.), Initial Term Loan	4.25%	05
MANAGED HEALTH CARE - 1.6%			
5,903,911	MultiPlan, Inc. (MPH Acquisition Holdings LLC), Term Loan B...	5.00%	06
METAL & GLASS CONTAINERS - 0.8%			

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369,127	Ardagh Holdings USA, Inc. (Ardagh Packaging Finance S.A.), Term Loan B	4.01%	12
2,564,191	Berlin Packaging LLC, Initial Term Loan (First Lien)	4.50%	10
173,913	Berry Plastics Corp., Term Loan J	3.28%	01
	MOVIES & ENTERTAINMENT - 1.9%		
279,792	AMC Entertainment, Inc., Term Loan B	3.52%	12

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FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
FEBRUARY 28, 2017 (UNAUDITED)

PRINCIPAL VALUE	DESCRIPTION	RATE (b)	S MATU
SENIOR FLOATING-RATE LOAN INTERESTS (CONTINUED)			
MOVIES & ENTERTAINMENT (CONTINUED)			
\$ 386,667	AMC Entertainment, Inc., Term Loan B1	3.53%	12
1,000,000	Creative Artists Agency LLC (CAA Holdings LLC), Term Loan B...	4.50%	02
4,350,283	Formula One (Delta 2 Lux S.A.R.L.), Term Loan B	4.25%	02
1,157,100	Live Nation Entertainment, Inc., Term Loan B	3.31%	11
OIL & GAS EXPLORATION & PRODUCTION - 0.4%			
1,000,000	American Energy Marcellus Holdings LLC (Ascent Resources - Marcellus LLC), Initial Loan (First Lien)	5.28%	08
1,888,889	American Energy Marcellus Holdings LLC (Ascent Resources - Marcellus LLC), Initial Loan (Second Lien)	8.53%	08
1,000,000	Fieldwood Energy LLC, Closing Date Loan (Second Lien)	8.38%	09
OTHER DIVERSIFIED FINANCIAL SERVICES - 2.7%			
4,186,319	First Data Corp., Term Loan 2021	3.78%	03
2,760,000	iPayment, Inc., Term Loan	6.75%	05
3,184,000	Wex, Inc., Term Loan B	4.28%	06
PACKAGED FOODS & MEATS - 4.3%			
5,486,250	Amplify Snack Brands, Inc., Term Loan B	6.50%	08
682,784	B&G Foods, Inc., Tranche B Term Loan	3.78%	11
10,283,140	New HB Acquisition LLC, Term Loan B	4.00%	08

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	PAPER PACKAGING - 2.7%		
10,349,166	Reynolds Group Holdings, Inc., Term Loan B	3.31%	02
	PERSONAL PRODUCTS - 0.0%		
114,286	Prestige Brands, Inc., Term Loan B4	3.53%	01
	PHARMACEUTICALS - 10.6%		
1,682,692	Akorn, Inc., Loan	5.25%	04
781,250	AMAG Pharmaceuticals, Inc., Initial Term Loan	4.75%	08
3,573,339	Amneal Pharmaceuticals LLC, Term Loan B	4.50%-6.25%	11
2,153,718	Catalent Pharma Solutions, Inc., Term Loan B	3.75%	05
10,259,315	Concordia Healthcare Corp., Initial Dollar Term Loan	5.25%	10
5,353,444	Endo Pharmaceuticals Holdings, Inc., 2015 Incremental Term B Loan	3.81%	06

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FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
 PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
 FEBRUARY 28, 2017 (UNAUDITED)

PRINCIPAL VALUE	DESCRIPTION	RATE (b)	S MATU

SENIOR FLOATING-RATE LOAN INTERESTS (CONTINUED)			
PHARMACEUTICALS (CONTINUED)			
\$ 660,000	Grifols Worldwide Operations Ltd., Term Loan B	2.96%	01
4,480,523	Horizon Pharma, Inc., Term Loan B	5.00%	04
2,359,898	Patheon, Inc. (JLL/Delta Dutch Newco B.V.), Initial Dollar Term Loan	4.25%	03
496,225	Valeant Pharmaceuticals International, Inc., Series C-2 Tranche B Term Loan	5.00%	12
9,664,941	Valeant Pharmaceuticals International, Inc., Series F-1 Tranche B Term Loan	5.53%	04
1,009,488	Valeant Pharmaceuticals International, Inc., Term Loan BD	5.25%	02
	PROPERTY & CASUALTY INSURANCE - 1.0%		
194,886	Cunningham Lindsey U.S., Inc., Initial Loan (Second Lien) (g)	9.32%	06
2,787,266	Cunningham Lindsey U.S., Inc., Initial Term Loan (First Lien)	5.00%-5.07%	12
1,200,000	Sedgwick Claims Management Services, Inc., Initial Loan (Second Lien)	6.75%	02

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	REAL ESTATE SERVICES - 2.5%		
9,566,968	DTZ Worldwide LTD., 2015-1 Additional Term Loan	4.25%-4.30%	11
121,053	Realogy Corp., Term Loan B	3.03%	07
	RESEARCH & CONSULTING SERVICES - 4.9%		
4,995,907	Acosta, Inc., Term Loan B	4.25%	09
6,777,565	Advantage Sales & Marketing, Inc., Initial Term Loan (First Lien)	4.25%	07
300,000	Information Resources, Inc., Second Lien Term Loan	9.25%	12
2,650,000	Information Resources, Inc., Term Loan B	5.25%	12
4,312,957	TransUnion LLC, Term Loan B-2	3.28%	04
	RESTAURANTS - 6.6%		
1,417,665	Burger King Corp. (1011778 B.C. ULC), Term Loan B	3.25%	02
3,857,369	Focus Brands, Inc., Term Loan B	5.00%	10
2,220,000	Landry's Restaurants, Inc., Term Loan B	4.03%	09
8,341,454	Portillo's Holdings LLC, Second Lien Term Loan	9.00%	08
7,935,738	Portillo's Holdings LLC, Term B Loan (First Lien)	5.50%	08
1,256,786	Red Lobster Management LLC, Initial Term Loan (First Lien) ...	6.25%	07

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SENIOR FLOATING-RATE LOAN INTERESTS (CONTINUED)			
	RETAIL REITS - 0.8%		
\$ 1,050,000	Capital Automotive LLC, Term Loan (Second Lien)	6.00%	04
1,802,320	Capital Automotive LLC, Tranche B-1 Term Loan Facility	4.00%	04
	SECURITY & ALARM SERVICES - 0.2%		
177,375	Garda World Security Corp., Term B Delayed Draw Loan	4.00%	11

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693,375	Garda World Security Corp., Term Loan B	4.00%	10
SEMICONDUCTORS - 1.2%			
2,501,252	Micron Technology, Inc., Term Loan B	4.54%	04
2,029,800	Western Digital Corp., Term Loan B	4.53%	08
SOFT DRINKS - 0.6%			
2,118,832	Keurig Green Mountain, Inc. (Maple Holdings Acquisition Corp.), Term B USD Loan	5.25%-5.31%	03
SPECIALIZED CONSUMER SERVICES - 2.7%			
873,645	Asurion LLC, New Term Loan B-2	4.03%	07
1,058,824	Asurion LLC, Term Loan (Second Lien)	8.50%	03
3,022,784	Asurion LLC, Term Loan B5	4.75%	11
4,597,743	Asurion LLC, TL- B4	4.25%	08
650,000	TKC Holdings, Inc., Term Loan B	4.75%	01
SPECIALIZED FINANCE - 1.0%			
1,283,783	AlixPartners LLP, Term Loan B	4.00%	07
2,495,159	Duff & Phelps Corp., Initial Term Loan	4.75%	04
SPECIALTY CHEMICALS - 0.5%			
1,403,416	Platform Specialty Products Corp. (fka: Macdermid, Inc.), Term Loan B	3.50%	10
525,333	Trinseo Materials Operating S.C.A., Term Loan B	4.25%	10
SPECIALTY STORES - 2.5%			
627,481	Coinstar, Inc. (Aspen Merger Sub, Inc.), Term Loan B	5.25%	09
913,034	Party City Holdings, Inc., Term Loan B	3.79%	08
3,735,107	PetSmart, Inc., Term Loan B	4.00%	03
2,993,531	Toys "R" US-Delaware, Inc., Term B-2 Loan.....	5.25%	05

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 FEBRUARY 28, 2017 (UNAUDITED)

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PRINCIPAL VALUE	DESCRIPTION	RATE (b)	S MATU

SENIOR FLOATING-RATE LOAN INTERESTS (CONTINUED)			
SPECIALTY STORES (CONTINUED)			
\$ 2,001,584	Toys "R" US-Delaware, Inc., Term B4 Loan	9.80%	04
SYSTEMS SOFTWARE - 5.7%			
670,909	Applied Systems, Inc., Initial Term Loan (First Lien)	4.00%	01
533,266	Applied Systems, Inc., Initial Term Loan (Second Lien)	7.50%	01
1,629,375	Avast Software B.V. (Sybil Software LLC), Term Loan B	5.00%	08
12,292,113	BMC Software Finance, Inc., Initial US Term Loan	5.00%	09
2,153,808	Compuware Corp., Term Loan B3	5.25%	12
680,000	Riverbed Technology, Inc., Term Loan B	4.25%	04
3,890,250	Vertafore, Inc., Term Loan B	4.25%	06
TECHNOLOGY HARDWARE, STORAGE & PERIPHERALS - 3.7%			
11,803,455	Dell, Inc. (Diamond 1 Finance Corp.), Term Loan B	3.25%	09
2,125,319	Vertiv, Inc. (Cortes NP Acquisition), Term Loan B	6.00%-6.04%	10
TRADING COMPANIES & DISTRIBUTORS - 0.2%			
720,000	Avolon Holding LTD., Term Loan B2	3.50%	01
TOTAL SENIOR FLOATING-RATE LOAN INTERESTS.....			
(Cost \$534,332,838)			
PRINCIPAL VALUE	DESCRIPTION	STATED COUPON	S MA

CORPORATE BONDS AND NOTES - 5.9%			
AUTO PARTS & EQUIPMENT - 0.1%			
500,000	MPG Holdco I, Inc.	7.38%	10
CABLE & SATELLITE - 0.5%			
1,000,000	CCO Holdings LLC/CCO Holdings Capital Corp.	5.75%	01
1,000,000	Ziggo Secured Finance B.V. (Netherlands) (h).....	5.50%	01
CASINOS & GAMING - 1.4%			
4,900,000	Caesars Growth Properties Holdings LLC/Caesars Growth Properties Finance, Inc.	9.38%	05
HEALTH CARE FACILITIES - 1.6%			
350,000	CHS/Community Health Systems, Inc.	6.88%	02
1,000,000	Select Medical Corp.	6.38%	06

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See Notes to Portfolio of Investments

FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
 PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
 FEBRUARY 28, 2017 (UNAUDITED)

PRINCIPAL VALUE	DESCRIPTION	STATED COUPON	S MA
CORPORATE BONDS AND NOTES (CONTINUED)			
HEALTH CARE FACILITIES (CONTINUED)			
\$ 3,000,000	Tenet Healthcare Corp.	5.00%	03
800,000	Tenet Healthcare Corp.	6.00%	10
1,000,000	Tenet Healthcare Corp.	8.13%	04
LIFE SCIENCES TOOLS & SERVICES - 0.6%			
2,500,000	Ortho-Clinical Diagnostics Inc. / Ortho-Clinical Diagnostics S.A. (h)	6.63%	05
METAL & GLASS CONTAINERS - 0.1%			
504,000	Ardagh Packaging Finance PLC/Ardagh Holdings USA Inc. (Ireland) (h)	4.25%	09
PHARMACEUTICALS - 1.3%			
4,286,000	Valeant Pharmaceuticals International, Inc. (Canada) (h)	6.75%	08
620,000	Valeant Pharmaceuticals International, Inc. (Canada) (h)	5.38%	03
SECURITY & ALARM SERVICES - 0.3%			
1,000,000	Garda World Security Corp. (Canada) (h)	7.25%	11
TOTAL CORPORATE BONDS AND NOTES..... (Cost \$22,448,255)			

SHARES	DESCRIPTION
COMMON STOCKS - 0.5%	
COMMODITY CHEMICALS - 0.0%	
20	LyondellBasell Industries N.V., Class A.....
ELECTRIC UTILITIES - 0.5%	
106,607	Vistra Energy Corp. (e) (i).....

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	LIFE SCIENCES TOOLS & SERVICES - 0.0%
15,800	New Millennium Holdco, Inc. (f) (i) (j).....
	TOTAL COMMON STOCKS.....
	(Cost \$1,726,078)
RIGHTS - 0.0%	
	ELECTRIC UTILITIES - 0.0%
112,741	Vistra Energy Corp. (e) (i).....
175,375	Vistra Energy Corp. Claim (e) (g) (i) (k).....
	LIFE SCIENCES TOOLS & SERVICES - 0.0%
1	New Millennium Holdco, Inc., Lender Claim Trust (f) (g) (i) (k).....

See Notes to Portfolio of Investments

FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
 PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
 FEBRUARY 28, 2017 (UNAUDITED)

SHARES	DESCRIPTION
-----	-----
RIGHTS (CONTINUED)	
	LIFE SCIENCES TOOLS & SERVICES (CONTINUED)
1	New Millennium Holdco, Inc., Corporate Claim Trust (f) (g) (i) (k).....
	TOTAL RIGHTS.....
	(Cost \$195,888)
WARRANTS - 0.0%	
	BROADCASTING - 0.0%
1,449	Cumulus Media, Inc. (g) (i) (k) (l).....
	(Cost \$0)
	TOTAL INVESTMENTS - 144.7%.....
	(Cost \$558,703,059) (m)
	OUTSTANDING LOAN - (41.2%).....
	NET OTHER ASSETS AND LIABILITIES - (3.5%).....
	NET ASSETS - 100.0%.....

-
- (a) All or a portion of the securities are available to serve as collateral on the outstanding loan.
 - (b) Senior Floating-Rate Loan Interests ("Senior Loans") in which the Fund invests pay interest at rates which are periodically predetermined by reference to a base lending rate plus a premium. These base lending rates are generally (i) the lending rate offered by one or more major European banks, such as the London Inter-Bank Offered Rate ("LIBOR"), (ii) the prime rate offered by one or more United States banks or (iii) the certificate of deposit rate. Certain Senior Loans are subject to a LIBOR floor that establishes a minimum LIBOR rate. The interest rate shown reflects the rate in effect at February 28, 2017. When a range of rates is disclosed, the Fund holds more than one contract within the same tranche at varying rates.
 - (c) Senior Loans generally are subject to mandatory and/or optional prepayment. As a result, the actual remaining maturity of Senior Loans may be substantially less than the stated maturities shown.
 - (d) On October 4, 2016, Arch Coal, Inc. completed a Bankruptcy Plan of Reorganization. In connection with the Plan of Reorganization, each lender received a portion of a new term loan equal to its closing date term loan percentage pursuant to the new credit agreement and a pro rata share of the newly issued common equity shares in the new company. The company also made a cash distribution to the first lien creditors.
 - (e) On October 3, 2016, Texas Competitive Electric Holdings ("TCEH") completed their reorganization in the form of a tax free spin off from the parent company, Energy Future Holdings. As part of the reorganization, first lien claim holders received equity in a new entity TCEH Corp., cash held by the new entity, tax receivable rights and a beneficial interest in an unsecured claim to the parent company, Energy Future Holdings. Effective November 7, 2016, TCEH Corp. changed its name to Vistra Energy Corp.

See Notes to Portfolio of Investments

FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
PORTFOLIO OF INVESTMENTS (a) (CONTINUED)
FEBRUARY 28, 2017 (UNAUDITED)

- (f) On December 21, 2015, Millennium Health, LLC completed a Bankruptcy Plan of Reorganization. As part of the Bankruptcy Plan of Reorganization, the holders of Millennium Laboratories LLC, Tranche B Term Loan received a portion of a new term loan and a pro rata share of the newly issued common equity shares in New Millennium Holdco, Inc., the new company. Each lender was also issued a beneficial interest in the Corporate Claim Trust entitling it, as holder of such beneficial interest, to receive Corporate Claim Trust Distributions when and if net cash proceeds from the pursuit of Retained Corporate Causes of Action are available to make such a distribution. In addition, each lender was issued a beneficial interest in the Lender Claim Trust entitling it, as holder of such beneficial interest, to receive Lender Claim Trust Distributions when and if net cash

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proceeds from the pursuit of Retained Lender Causes of Action are available to make such a distribution.

- (g) Pursuant to procedures adopted by the Fund's Board of Trustees, this security has been determined to be illiquid by First Trust Advisors L.P. (the "Advisor").
- (h) This security, sold within the terms of a private placement memorandum, is exempt from registration upon resale under Rule 144A under the Securities Act of 1933, as amended (the "1933 Act"), and may be resold in transactions exempt from registration, normally to qualified institutional buyers. Pursuant to procedures adopted by the Fund's Board of Trustees, this security has been determined to be liquid by the Advisor. Although market instability can result in periods of increased overall market illiquidity, liquidity for each security is determined based on security specific factors and assumptions, which require subjective judgment. At February 28, 2017, securities noted as such amounted to \$9,526,460 or 2.5% of net assets.
- (i) Non-income producing security.
- (j) Security received in a transaction exempt from registration under the 1933 Act. The security may be resold pursuant to an exemption from registration under the 1933 Act, typically to qualified institutional buyers. Pursuant to procedures adopted by the Fund's Board of Trustees, this security has been determined to be liquid by the Advisor. Although market instability can result in periods of increased overall market illiquidity, liquidity for the security is determined based on security-specific factors and assumptions, which require subjective judgment. At February 28, 2017, security noted as such amounted to \$16,796 or 0.0% of net assets.
- (k) This security is fair valued by the Advisor's Pricing Committee in accordance with procedures adopted by the Fund's Board of Trustees, and in accordance with the provisions of the Investment Company Act of 1940, as amended. At February 28, 2017, investments noted as such are valued at \$0 or 0.0% of net assets.
- (l) This security is restricted and cannot be offered for public sale without first being registered under the 1933 Act. Prior to registration, restricted securities may only be resold in transactions exempt from registration (See Note D - Restricted Securities in the Notes to Portfolio of Investments).
- (m) Aggregate cost for financial reporting purposes, which approximates the aggregate cost for federal income tax purposes. As of February 28, 2017, the aggregate gross unrealized appreciation for all securities in which there was an excess of value over tax cost was \$4,915,663 and the aggregate gross unrealized depreciation for all securities in which there was an excess of tax cost over value was \$8,341,384.

See Notes to Portfolio of Investments

FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
PORTFOLIO OF INVESTMENTS (CONTINUED)
FEBRUARY 28, 2017 (UNAUDITED)

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VALUATION INPUTS

A summary of the inputs used to value the Fund's investments as of February 28, 2017 is as follows (see Note 2A - Portfolio Valuation in the Notes to Portfolio of Investments):

INVESTMENTS	TOTAL VALUE AT 2/28/2017	LEVEL 1 QUOTED PRICES	LEVEL 2 SIGNIFICAN OBSERVABLE INPUTS
Senior Floating-Rate Loan Interests:			
Property & Casualty Insurance	\$ 3,736,712	\$ --	\$ 3,645,8
Other Industry Categories*	526,999,249	--	526,999,2
Total Senior Floating-Rate Loan Interests	530,735,961	--	530,645,0
Corporate Bonds and Notes*	22,677,325	--	22,677,3
Common Stocks:			
Life Sciences Tools & Services	16,796	--	16,7
Other Industry Categories*	1,724,594	1,724,594	
Total Common Stocks	1,741,390	1,724,594	16,7
Rights:			
Electric Utilities	122,662	--	122,6
Life Sciences Tools & Services	-- **	--	
Total Rights	122,662	--	122,6
Warrants*	-- **	--	
TOTAL INVESTMENTS	\$ 555,277,338	\$ 1,724,594	\$ 553,461,8

* See the Portfolio of Investments for the industry breakout. Industry categories are only shown separately if they include holdings in two or more levels or have holdings in only Level 3.

** Investment is valued at \$0.

All transfers in and out of the Levels during the period are assumed to be transferred on the last day of the period at their current value. There were no transfers between levels at February 28, 2017.

Level 3 Senior Floating-Rate Loan Interests and Rights that are fair valued by the Advisor's Pricing Committee are footnoted in the Portfolio of Investments. Level 3 Senior Floating-Rate Loan Interests are valued based on either third-party pricing service prices obtained from dealer runs and indicative sheets from brokers or are valued using broker quotes. The Level 3 Rights values are based on unobservable and non-quantitative inputs. The Fund's Board of Trustees has adopted valuation procedures that are utilized by the Advisor's Pricing Committee to oversee the day-to-day valuation of the Fund's investments. The Advisor's Pricing Committee, through the Fund's fund accounting agent, monitors the daily pricing via tolerance checks and stale and unchanged price reviews. The Advisor's Pricing Committee also reviews monthly back testing of third-party pricing service prices by comparing sales prices of the Fund's investments to prior day third-party pricing service prices. Additionally, the Advisor's Pricing Committee reviews periodic information from the Fund's third-party pricing service that compares secondary market trade prices to their

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daily valuations.

See Notes to Portfolio of Investments

FIRST TRUST SENIOR FLOATING RATE INCOME FUND II (FCT)
 PORTFOLIO OF INVESTMENTS (CONTINUED)
 FEBRUARY 28, 2017 (UNAUDITED)

The following table presents the activity of the Fund's investments measured at fair value on a recurring basis using significant unobservable

inputs (Level 3) for the period presented:

BEGINNING BALANCE AT MAY 31, 2016		
Senior Floating-Rate Loan Interests	\$	2,528,145
Rights		-- **
Net Realized Gain (Loss)		
Senior Floating-Rate Loan Interests		(24,930)
Rights		--
Net Change in Unrealized Appreciation/Depreciation		
Senior Floating-Rate Loan Interests		125,008
Rights		--
Purchases		
Senior Floating-Rate Loan Interests		--
Rights		-- **
Sales		
Senior Floating-Rate Loan Interests		(2,537,357)
Rights		--
Transfers In		
Senior Floating-Rate Loan Interests		--
Rights		--
Transfers Out		
Senior Floating-Rate Loan Interests		--
Rights		--
ENDING BALANCE AT FEBRUARY 28, 2017		
Senior Floating-Rate Loan Interests		90,866
Rights		-- **

Total Level 3 holdings	\$	90,866
		=====

** Investment is valued at \$0.

There was a net change of \$(9,179) in unrealized appreciation (depreciation) from Level 3 investments held as of February 28, 2017.

See Notes to Portfolio of Investments

NOTES TO PORTFOLIO OF INVESTMENTS

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1. ORGANIZATION

First Trust Senior Floating Rate Income Fund II (the "Fund") is a diversified, closed-end management investment company organized as a Massachusetts business trust on March 25, 2004, and is registered with the Securities and Exchange Commission under the Investment Company Act of 1940, as amended (the "1940 Act"). The Fund trades under the ticker symbol FCT on the New York Stock Exchange ("NYSE").

The Fund is considered an investment company and follows accounting and reporting guidance under Financial Accounting Standards Board Accounting Standards Codification Topic 946, "Financial Services-Investment Companies."

2. VALUATION AND INVESTMENT PRACTICES

A. PORTFOLIO VALUATION

The net asset value ("NAV") of the Common Shares of the Fund is determined daily as of the close of regular trading on the NYSE, normally 4:00 p.m. Eastern time, on each day the NYSE is open for trading. If the NYSE closes early on a valuation day, the NAV is determined as of that time. Domestic debt securities and foreign securities are priced using data reflecting the earlier closing of the principal markets for those securities. The Fund's NAV per Common Share is calculated by dividing the value of all assets of the Fund (including accrued interest and dividends), less all liabilities (including accrued expenses, dividends declared but unpaid and any borrowings of the Fund), by the total number of Common Shares outstanding.

The Fund's investments are valued daily at market value or, in the absence of market value with respect to any portfolio securities, at fair value. Market value prices represent last sale or official closing prices from a national or foreign exchange (i.e., a regulated market) and are primarily obtained from third-party pricing services. Fair value prices represent any prices not considered market value prices and are either obtained from a third-party pricing service or are determined by the Pricing Committee of the Fund's investment advisor, First Trust Advisors L.P. ("First Trust" or the "Advisor"), in accordance with valuation procedures adopted by the Fund's Board of Trustees, and in accordance with provisions of the 1940 Act. Investments valued by the Advisor's Pricing Committee, if any, are footnoted as such in the footnotes to the Portfolio of Investments. The Fund's investments are valued as follows:

The senior floating-rate loan interests ("Senior Loans") (1) in which the Fund invests are not listed on any securities exchange or board of trade. Senior Loans are typically bought and sold by institutional investors in individually negotiated private transactions that function in many respects like an over-the-counter secondary market, although typically no formal market-makers exist. This market, while having grown substantially since its inception, generally has fewer trades and less liquidity than the secondary market for other types of securities. Some Senior Loans have few or no trades, or trade infrequently, and information regarding a specific Senior Loan may not be widely available or may be incomplete. Accordingly, determinations of the fair market value of Senior Loans may be based on infrequent and dated information. Because there is less reliable, objective data available, elements of judgment may play a greater role in valuation of Senior Loans than for other types of securities. Typically, Senior Loans are fair valued using information provided by a third-party pricing service. The third-party pricing service primarily uses over-the-counter pricing from dealer runs and broker quotes from indicative sheets to value the Senior Loans. If the third-party pricing service cannot or does not provide a valuation for a particular Senior Loan or such valuation is deemed unreliable, the Advisor's Pricing

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Committee may value such Senior Loan at fair value according to procedures adopted by the Fund's Board of Trustees, and in accordance with the provisions of the 1940 Act. Fair valuation of a Senior Loan is based on the consideration of all available information, including, but not limited to the following:

- 1) the fundamental business data relating to the borrower/issuer;
- 2) an evaluation of the forces which influence the market in which these securities are purchased and sold;
- 3) the type, size and cost of a security;
- 4) the financial statements of the borrower/issuer;
- 5) the credit quality and cash flow of the borrower/issuer, based on the Advisor's or external analysis;
- 6) the information as to any transactions in or offers for the security;
- 7) the price and extent of public trading in similar securities (or equity securities) of the borrower/issuer, or comparable companies;
- 8) the coupon payments;
- 9) the quality, value and salability of collateral, if any, securing the security;
- 10) the business prospects of the borrower/issuer, including any ability to obtain money or resources from a parent or affiliate and an assessment of the borrower's/issuer's management;
- 11) the prospects for the borrower's/issuer's industry, and multiples (of earnings and/or cash flows) being paid for similar businesses in that industry;
- 12) borrower's/issuer's competitive position within the industry;
- 13) borrower's/issuer's ability to access additional liquidity through public and/or private markets; and
- 14) other relevant factors.

- (1) The terms "security" and "securities" used throughout the Notes to Portfolio of Investments include Senior Loans.

NOTES TO PORTFOLIO OF INVESTMENTS (CONTINUED)

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Common stocks and other equity securities listed on any national or foreign exchange (excluding The Nasdaq Stock Market LLC ("Nasdaq") and the

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London Stock Exchange Alternative Investment Market ("AIM")) are valued at the last sale price on the exchange on which they are principally traded or, for Nasdaq and AIM securities, the official closing price. Securities traded on more than one securities exchange are valued at the last sale price or official closing price, as applicable, at the close of the securities exchange representing the principal market for such securities.

Securities traded in an over-the-counter market are fair valued at the mean of their most recent bid and asked price, if available, and otherwise at their closing bid price.

Corporate bonds, corporate notes and other debt securities are valued on the basis of valuations provided by dealers who make markets in such securities or by a third-party pricing service approved by the Fund's Board of Trustees, which may use the following valuation inputs when available:

- 1) benchmark yields;
- 2) reported trades;
- 3) broker/dealer quotes;
- 4) issuer spreads;
- 5) benchmark securities;
- 6) bids and offers; and
- 7) reference data including market research publications.

Fixed-income and other debt securities having a remaining maturity of 60 days or less when purchased are fair valued at cost adjusted for amortization of premiums and accretion of discounts (amortized cost), provided the Advisor's Pricing Committee has determined that the use of amortized cost is an appropriate reflection of fair value given market and issuer-specific conditions existing at the time of the determination. Factors that may be considered in determining the appropriateness of the use of amortized cost include, but are not limited to, the following:

- 1) the credit conditions in the relevant market and changes thereto;
- 2) the liquidity conditions in the relevant market and changes thereto;
- 3) the interest rate conditions in the relevant market and changes thereto (such as significant changes in interest rates);
- 4) issuer-specific conditions (such as significant credit deterioration); and
- 5) any other market-based data the Advisor's Pricing Committee considers relevant. In this regard, the Advisor's Pricing Committee may use last-obtained market-based data to assist it when valuing portfolio securities using amortized cost.

Certain securities may not be able to be priced by pre-established pricing methods. Such securities may be valued by the Fund's Board of Trustees or its delegate, the Advisor's Pricing Committee, at fair value. These securities generally include, but are not limited to, restricted securities (securities

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which may not be publicly sold without registration under the Securities Act of 1933, as amended (the "1933 Act")) for which a third-party pricing service is unable to provide a market price; securities whose trading has been formally suspended; a security whose market or fair value price is not available from a pre-established pricing source; a security with respect to which an event has occurred that is likely to materially affect the value of the security after the market has closed but before the calculation of the Fund's NAV or make it difficult or impossible to obtain a reliable market quotation; and a security whose price, as provided by the third-party pricing service, does not reflect the security's fair value. As a general principle, the current fair value of a security would appear to be the amount which the owner might reasonably expect to receive for the security upon its current sale. When fair value prices are used, generally they will differ from market quotations or official closing prices on the applicable exchanges. A variety of factors may be considered in determining the fair value of such securities, including, but not limited to, the following:

- 1) the type of security;
- 2) the size of the holding;
- 3) the initial cost of the security;
- 4) transactions in comparable securities;
- 5) price quotes from dealers and/or third-party pricing services;
- 6) relationships among various securities;
- 7) information obtained by contacting the issuer, analysts, or the appropriate stock exchange;
- 8) an analysis of the issuer's financial statements; and
- 9) the existence of merger proposals or tender offers that might affect the value of the security.

The Fund is subject to fair value accounting standards that define fair value, establish the framework for measuring fair value and provide a three-level hierarchy for fair valuation based upon the inputs to the valuation as of the measurement date. The three levels of the fair value hierarchy are as follows:

- o Level 1 - Level 1 inputs are quoted prices in active markets for identical investments. An active market is a market in which transactions for the investment occur with sufficient frequency and volume to provide pricing information on an ongoing basis.
- o Level 2 - Level 2 inputs are observable inputs, either directly or indirectly, and include the following:

NOTES TO PORTFOLIO OF INVESTMENTS (CONTINUED)

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- o Quoted prices for similar investments in active markets.

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- o Quoted prices for identical or similar investments in markets that are non-active. A non-active market is a market where there are few transactions for the investment, the prices are not current, or price quotations vary substantially either over time or among market makers, or in which little information is released publicly.
- o Inputs other than quoted prices that are observable for the investment (for example, interest rates and yield curves observable at commonly quoted intervals, volatilities, prepayment speeds, loss severities, credit risks, and default rates).
- o Inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- o Level 3 - Level 3 inputs are unobservable inputs. Unobservable inputs may reflect the reporting entity's own assumptions about the assumptions that market participants would use in pricing the investment.

The inputs or methodologies used for valuing investments are not necessarily an indication of the risk associated with investing in those investments. A summary of the inputs used to value the Fund's investments as of February 28, 2017, is included with the Fund's Portfolio of Investments.

B. SECURITY TRANSACTIONS

Security transactions are recorded as of the trade date. Realized gains and losses from securities transactions are recorded on the identified cost basis. Interest income is recorded on the accrual basis. Market premiums and discounts are amortized over the expected life of each respective borrowing.

Securities purchased or sold on a when-issued, delayed-delivery or forward purchase commitment basis may have extended settlement periods. The value of the security so purchased is subject to market fluctuations during this period. Due to the nature of the Senior Loan market, the actual settlement date may not be certain at the time of the purchase or sale for some of the Senior Loans. Interest income on such Senior Loans is not accrued until settlement date. The Fund maintains liquid assets with a current value at least equal to the amount of its when-issued, delayed delivery or forward purchase commitments. The Fund didn't have any when-issued, delayed-delivery or forward purchase commitments as of February 28, 2017.

C. UNFUNDED LOAN COMMITMENTS

The Fund may enter into certain credit agreements, all or a portion of which may be unfunded. The Fund is obligated to fund these loan commitments at the borrower's discretion. The Fund did not have any unfunded delayed draw loan commitments as of February 28, 2017.

D. RESTRICTED SECURITIES

The Fund invests in restricted securities, which are securities that may not be offered for public sale without first being registered under the 1933 Act. Prior to registration, restricted securities may only be resold in transactions exempt from registration under Rule 144A under the 1933 Act, normally to qualified institutional buyers. As of February 28, 2017, the Fund held restricted securities as shown in the following table. The Fund does not have the right to demand that such securities be registered. These securities are valued according to the valuation procedures as stated in the Portfolio Valuation footnote (Note 2A) and are not expressed as a discount to the carrying value of a comparable

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unrestricted investment. There are no unrestricted investments with the same maturity date and yield for this issuer.

SECURITY	ACQUISITION DATE	PRINCIPAL VALUE/SHARES	VALUE PER SHARE	CURRENT CARRYING COS
Cumulus Media, Inc. - Warrants	6/29/09	1,449	\$0.00	\$0.00

ITEM 2. CONTROLS AND PROCEDURES.

- (a) The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of the report that includes the disclosure required by this paragraph, based on their evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rules 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended (17 CFR 240.13a-15(b) or 240.15d-15(b)).
- (b) There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 3. EXHIBITS.

Certifications pursuant to Rule 30a-2(a) under the 1940 Act and Section 302 of the Sarbanes-Oxley Act of 2002 are attached hereto.

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.

(Registrant) First Trust Senior Floating Rate Income Fund II

By (Signature and Title)* /s/ James M. Dykas

 James M. Dykas
 President and Chief Executive Officer
 (principal executive officer)

Date: April 11, 2017

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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 (Signature and Title)*

/s/ James M. Dykas

James M. Dykas
President and Chief Executive Officer
(principal executive officer)

Date: April 11, 2017

By (Signature and Title)*

/s/ Donald P. Swade

Donald P. Swade
Chief Financial Officer and
Chief Accounting Officer
(principal financial officer)

Date: April 11, 2017

*Print the name and title of each signing officer under his or her signature.