ATTACHMENT F

MINOR SITE URANIUM SHIPMENTS AND RECEIPTS FY53-FY99 (IN KILOGRAMS)

Savannah River Site Minor Site Uranium Shipments and Receipts, FY53 - FY99 (in kilograms)

5/11/00

RIS	RIS Description	SRS DU Receipts	SRS EU Receipts	SRS NU Receipts	Total Recpts	SRS DU Shipmts	SRS EU Shipmts	SRS NU Shipmts	Total Shipments
ABE	Lake Mead Base						782		**782**
ABF	Seneca Army Depot						2,738		**2,738**
ABH	C. C. Hurst (Ft. Campbell, Ky.)						147		**147**
ABW	American Brass Co., Waterbury Division			53,769	**53,769**				
AGE	General Electric Co., Atomic Power Division		105	15,864	**15,969**		14	7	**21**
AIC	Atomics International Co.	816	47	10,887	**11,750**		47	10,886	**10,933**
ALA	Sandia National Laboratory, Albuquerque	19	1		**20**	17	3		**20**
AMF	American Machining and Foundry Co.			4,959	**4,959**				
ANL	Argonne National Laboratory	1	11	6,280	**6,292**		1	791	**792**
AQA	Allied-Signal Aerospace, Kansas City	2			**2**				
ARF	Rockwell International, Rocky Flats	34	49		**83**	2			**2**
ARL	Unknown			95	**95**			58	**58**
ASA	Dow Chemical Co., Rocky Flats	422	137		**559**				
AUA	Los Alamos National Laboratory	16	152		**168**	29	21		**50**
AVA	Monsanto Research Corp., Mound		126		**126**				
AWA	Mason & Hanger Co., Pantex Plant	44			**44**	509			**509**
BMI	Batelle Memorial Inst., Columbus Division	12,563	0		**12,563**	3		1,426	**1,429**
BNL	Brookhaven National Laboratory		0	6	**6**				
BRL	Brookhaven Research Laboratory	2,306			**2,306**				
BZA	Brookhaven Research Laboratory		2,445		**2,445**		2,439		**2,439**
BZB	Brookhaven Graphite Reactor		30		**30**				
CAA	Chicago Operations Office, USDOE		638		**638**				
CAE	Atomics International Co.		0	17	**17**			46	**46**
CAF	Batelle Memorial Inst., Columbus Division	1	143	5	**149**		88		**88**
CAH	Piqua Nuclear Power Facility		11,742		**11,742**				
CAJ	Hallam Nuclear Power Facility		41,712		**41,712**				
CAK	Iowa State University, Ames Laboratory		69		**69**				
CAY	Allis Chalmers Manufacturing Co.		288		**288**				
CBD	Dairyland Power Cooperative, Lacrosse		120		**120**				
CBJ	New Brunswick Laboratory		2		**2**		3		**3**
CCL	Nuclear Materials and Equipment Pu Site	40	9	5	**54**				
CCT	Gulf United Nuclear Fuels		6	44	**50**				
CCU	Westinghouse Nuclear Energy Systems		70		**70**				
CLF	U. S. Army, Aberdeen Proving Grounds					371			**371**
COL	USAEC, New York Operations Office			6,160	**6,160**			2,152	**2,152**
CPA	USAEC, Oak Ridge Operations Office		2,513		**2,513**		15		**15**
CPI	Phillips Petroleum Co., ICPP						4,893	3	**4,896**
CSA	Unknown			9,494	**9,494**			238,512	**238,512**
CZA	Argonne National Laboratory, Illinois	1,662	8,001	1,814	**11,477**	139	3	28	**170**
CZC	Argonne National Laboratory, Idaho	2			**2**				
CZD	Brookhaven Science Associates, BNL		177		**177**	1,154			**1,154**
DAA	Savannah River Operations Office, USDOE	2,296	7,956	34,133	**44,385**	2,296	11	38,746	**41,053**
DIA	USAEC, Division of International Affairs			854	**854**			14,974	**14,974**
DMC	Mound Site			38	**38**				
DOD	Department of Defense		64		**64**			8,841	**8,841**
DYA	Sylvania Electric Company, Sylcor Division		233,576	123,643	**357,219**		28,538	6,375	**34,913**
EVG	Unknown	125,360		2,282	**127,642**			342	**342**
FAA	Oak Ridge Operations Office	77,754			**77,754**			1,128	**1,128**

FAV	Kerr-McGee Oil Co., Nuclear Products Division		1,662		**1,662**				
FAX	Nuclear Fuel Services	2,344			**2,344**		44		**44**
FBA	General Electric Co., Evendale Plant			13	**13**				
FBE	New Brunswick Laboratory		0	88	**88**				
FBW	University of Puerto Rico, Nuclear Center		54		**54**				
FBY	United Nuclear Corp., Recovery Systems						41		**41**
FTA	RMI Titanium Co.	44			**44**	44			**44**
FWA	Mallinckrodt Chemical Works		36	2,506	**2,542**			393	**393**
FZC	Oak Ridge National Laboratory	47,174	2,086	4	**49,264**	6	9		**15**
FZG	Oak Ridge National Laboratory	11	327	37	**375**				
GVB	Babcock and Wilcox of Ohio (Mound)		2		**2**				
HEP	Unknown			228	**228**				
HGE	General Electric Co., Richland		1	1,235	**1,236**	13	0	1,042	**1,055**
HOZ	Horizons, Inc.			1	**1**			1	**1**
HRA	Rockwell Hanford Operations	85	32	4	**121**				
HUA	Hanford Engineering Development Lab	147	68	295	**510**	202			**202**
HUD	Westinghouse Hanford Co.	4,790			**4,790**				
HVA	Atlantic Richfield Hanford Co.	126		95	**221**				
HXA	UNC Nuclear Industries, Richland		30		**30**				
HYA	Batelle Memorial Inst., Pacific NW Lab	406	32	6	**444**	6			**6**
IDA	USAEC, Idaho Operations Office		2		**2**		443		**443**
JAA	USDOE, Idaho Operations Office		1,978		**1,978**				
JRK	Lockheed Martin ITC, Special Manufacturing					39			**39**
JSA	Allied Chemical, ICPP Idaho Falls		1		**1**				
JSB	Aerojet Nuclear Co., Idaho TRA, TAN, PBF		3,919		**3,919**		14		**14**
JSC	Aerojet Nuclear Co., Idaho Test Area North		1,203		**1,203**				
JSG	Lockheed Martin ITC	92			**92**				
JWA	Idaho Nuclear Corp. (ICPP)		495		**495**				
JWB	Idaho Nuclear Corp. (Test Reactor)							1	**1**
JWC	Idaho Nuclear Corp. (Test Area North)		632		**632**				
JXI	Lockheed Martin ITC, ICPP					7	45		**52**
KAS	Nuclear Fuel Services		352		**352**		2,826		**2,826**
KDS	United Nuclear Corp., Naval Products						536		**536**
KMG	Kerr-McGee Oil Co., Nuclear Products Division		300		**300**				
KZA	Knolls Atomic Power Laboratory		17	7	**24**		1		**1**
LAE	Rocketdyne, Rockwell International	1,627	32,694		**34,321**	1,598	33,056	4,000	**38,654**
LAG	Sandia National Laboratory, Livermore	3			**3**				
LAW	General Atomics Co., San Diego		0		**0**	836	0		**836**
LAZ	GE Vallecitos Nuclear Center	48	3,202	136	**3,386**				
LBX	GE Southwest Experimental Fast Oxide Reactor	2,160			**2,160**				
LLB	Sandia National Laboratory, Livermore	1			**1**	11			**11**
LZB	U. of California, Lawrence Livermore Laboratory	8	12		**20**	2	1		**3**
MAC	M & C Nuclear, Inc.		6	46	**52**			53	**53**
MAN	Nuclear Materials and Equipment Pu Site		0		**0**				
MAP	Aeroprojects, Inc.			58	**58**				
MBA	Bridgeport Brass Co.			7,253	**7,253**				
MBB	Bridgeport Brass Co.			300	**300**			31	**31**
MBM	Massachusetts Institute of Technology					58			**58**
MBN	Whittaker Corp., Nuclear Metals Division		1,471	126	**1,597**			3	**3**

MBU	Nuclear Development Associates, Inc.		16	714	**730**				
MBW	Babcock and Wilcox Co., Nuclear Facilities Plant			1,863	**1,863**			675	**675**
MCW	Mallinckrodt Chemical Works	4	8,937	70,299	**79,240**		37	309,776	**309,813**
MCY	Westinghouse Electric Co., Atomic Power Div.		206		**206**				
MIT	Massachusetts Institute of Technology							3,912	**3,912**
MIO	Nuclear Metals, Inc.		273	28,041	**28,314**		233	4,200	**4,433**
MMW	United Lead Co.							30,002	**30,002**
MNL	National Lead Co., Nuclear Metals Division			1,296	**1,296**				
MNP	Nuclear Materials and Equipment Corp.			22	**22**				
MRC	Unknown			428	**428**				
MRO	Unknown							2	**2**
MSA	USAEC, New York Operations Office		1	2,200	**2,201**			10,345	**10,345**
MSH	Sylvania Electric Products, Inc., Sylcor Division	4			**4**				
MTI	ICPP (Test Reactor)		0	426	**426**	97	3	91	**191**
MVM	Vitro Rare Metals			337	**337**				
MWE	Westinghouse Electric Co., Atomic Power Div.	23		86	**109**		0	86	**86**
MZA	Brookhaven Research Laboratory		98		**98**				
NBL	New Brunswick Laboratory, USDOE	2	0	82	**84**		0		**0**
NDA	Nuclear Development Corp. / United Nuclear			363	**363**	2		2,028	**2,030**
NOR	Norton Co.			160	**160**				
NYL	New Brunswick Laboratory, USDOE			1	**1**				
ORL	Oak Ridge National Laboratory	56,923	2,143	950	**60,016**	18,656	1,554	26,968	**47,178**
ORF	EG&G, International Safeguards	46			**46**				
ORO	Materials Leasing Office		1,364		**1,364**				
PCR	BWX Technologies, Inc.		961		**961**		550		**550**
PZA	Bettis Atomic Power Lab	158	0		**158**	8			**8**
PZB	Westinghouse Idaho Nuclear Co.		0		**0**				
QAA	USDOE Office of Safeguards and Security		2		**2**				
QAB	USDOE International Control Account		365		**365**			5,027	**5,027**
RAA	USDOE International Control Account		137		**137**			2,519	**2,519**
RATE	ASTRA		3		**3**				
RBEG	BR-2		96		**96**				
RBR	Brazil				**0**			4,893	**4,893**
RCA	Canada		177		**177**				
RDBE	MNR		3		**3**				
RDBH	NRU		95		**95**				
RDBK	NRX		70		**70**				
RDE	Denmark		12		**12**				
RDLB	Fuel Movement Project	84,018			**84,018**				
RENL	DR-3		40		**40**				
RFBM	EL3		12		**12**				
RFDB	Nereide		35		**35**				
RFDC	Osiris		48		**48**				
RFDH	Pegase		13		**13**				
RFDS	Scarabeen		338		**338**				
RFDV	Siloe		171		**171**				
RFEM	Triton		19		**19**				
RFEN	Ulysse		5		**5**				
RFHR	Orphee		30		**30**				
RFR	France		152		**152**				

RGAZ	FRG-2		37		**37**				
RGBB	FRJ-2		126		**126**				
RGBC	FRM		7		**7**				
RGE	(West) Germany		53		**53**				
RGFX	BER-2		3		**3**				
RGQL	PTB		4		**4**				
RIBK	Essore Complexe Research Centre		41		**41**				
RID	Ireland							2,514	**2,514**
RIT	Italy						31		**31**
RJA	Japan		32		**32**				
RJBX	Japan Materials Testing Reactor - JMTR		130		**130**				
RJCD	Japan Research Reactor (JRR) No. 2		26		**26**				
RJCJ	Japan Research Reactor (JRR) No. 4		8		**8**				
RNAJ	HFR High Flux Reactor		113		**113**				
RNAZ	BARN		4		**4**				
RNE	Netherlands		42		**42**				
RSA	South Africa		22		**22**				
RSBK	JEN-1		3		**3**				
RSI	Israel		3	2,985	**2,988**				
RSW	Sweden	525	66		**591**				
RTAJ	Safari-1		11		**11**				
RWBB	R-2		72		**72**				
RMA	Malaysia			7,158	**7,158**			16	**16**
SAN	USAEC, San Francisco Operations Office		82		**82**				
SBL	Lake Mead Base						1,223		**1,223**
SBY	Seneca Army Depot						2,447		**2,447**
SCC	Spencer Chemical Company	1	1,247	1,726	**2,974**			3,570	**3,570**
SFA	USAEC, Santa Fe Operations Office						3	2	**5**
SFC	Los Alamos National Laboratory	178	80	3	**261**	173		1	**174**
SFE	Sandia Corporation		0		**0**				
SFJ	Dow Chemical Co., Rocky Flats						0		**0**
SGE	General Electric Co., Knolls Atomic Power Lab		0	2	**2**	8		197	**205**
SHP	Sylvania Corning Nuclear Co.	3			**3**	4			**4**
SNC	Unknown							32	**32**
SOM	Olin Matheson Chemical Corp., Knolls Lab			11	**11**				
SRB	American Machining and Foundry Co.			1	**1**				
SRD	E. I. DuPont DeNemours and Co.			1,812	**1,812**			16	**16**
SRS	Sylvania Corning Nuclear Co.		512,906	6,000,400	**6,513,306**		66,535	1,664,653	**1,731,188**
SRO	USAEC, Savannah River Operations Office			100,802	**100,802**			26,406	**26,406**
SRX	New York Shipbuilding Corp.			97,001	**97,001**				
SSC	Superior Steel Corp.		1,198	60,730	**61,928**				
SSS	Simonds Saw and Steel Co.			5,449	**5,449**				
SYL	Sylvania Corning Nuclear Co.			327	**327**			13	**13**
TMC	Temescal Metallurgical Corp.			47	**47**			47	**47**
UNC	United Nuclear Corp., Chemicals Division		239		**239**		239		**239**
VAC	National Research Corp.							2	**2**
WCE	Combustion Engineering, Inc.	37			**37**	37			**37**
WEB	Bettis Atomic Power Lab, Westinghouse	4	0	609	**613**			465	**465**
WEL	Westinghouse Electric Co., Tube Division		0		**0**		0		**0**
WEM	Westinghouse Electric Co., Atomic Power Div.			1,159	**1,159**				

WPT	Westinghouse Electric Co., Tube Division		0		**0**				
XES	Westinghouse Nuclear Training Center		9		**9**				
XHK	Allied General Nuclear Services	8		108	**116**				
XIA	Starmet, CMI	10,399			**10,399**	10,399			**10,399**
XSP	MIT Nuclear Reactor Laboratory		19		**19**				
YAW	NASA, Lewis Research Center		54		**54**				
YBC	USDOC, NIST		9		**9**				
YBP	U. S. Navy Research Laboratory		10		**10**				
YBP	U. S. Army Arsenal Research Laboratory		4		**4**				
YCE	Babcock and Wilcox Technology Center		61		**61**				
YCI	Clemson Environmental Technology Lab					11			**11**
YFZ	Southwest Research Institute					50			**50**
YGU	The Citadel, Charleston S. C.							4	**4**
YJC	California State University, EH&S							1,986	**1,986**
YLE	Westinghouse NES, Waltz Mill Site		1,394		**1,394**				
YLT	NASA, Lewis Research Center		145		**145**				
YRB	NL Industries, Wilmington, Del.	1,292			**1,292**				
YSE	S. W. Shattuck Chemical Co.	3			**3**	3			**3**
YST	Aerojet Ordinance, Tennessee	88			**88**				
YVA	USDOC, NIST		55		**55**				
YVX	Nuclear Metals, Inc.	1,106			**1,106**				
ZBF	BWX Technologies, Inc.		1		**1**				
ZBK	Batelle Memorial Institute	28	214		**242**		32		**32**
ZDC	The Catholic University of America	10			**10**	10			**10**
ZDU	Clemson University Environmental Systems					12			**12**
ZEF	Combustion Engineering, Inc.	9			**9**				
ZGY	Georgia Institute of Technology		2		**2**				
ZHV	Haverford College, Haverford Pa.			2,278	**2,278**				
ZIB	Scientific Ecology Group	2	1		**3**	2	1		**3**
ZJM	IIT Research Institute		2		**2**				
ZJW	N. L. Industries, Industrial Reactor Labs		25		**25**				
ZKK	U. of Kansas, Engineering and Architecture		3		**3**				
ZLM	Lockheed Aeronautical Systems Co.		11		**11**				
ZMH	Manhatten College							11	**11**
ZMP	Massachusetts Institute of Technology		16		**16**		13		**13**
ZMR	U. of Maryland, Environmental Safety		3		**3**				
ZMZ	U. of Michigan, Phoenix Memorial Lab		86		**86**				
ZNK	University of Missouri		229		**229**				
ZPY	North Carolina State University		4	31	**35**				
ZRA	University of Oklahoma			199	**199**			199	**199**
ZRD	Old Dominion University			4,974	**4,974**				
ZRV	Pennsylvania State University		9		**9**				
ZSJ	PRDC, Enrico Fermi 1	19	3,786		**3,805**				
ZTF	Rhode Island Nuclear Science Center		21		**21**				
ZUY	Stanford University, Reactor Research			1,867	**1,867**				
ZVB	Stevens Institute of Technology			2,493	**2,493**				
ZWG	Tulane University, EH&S			1,997	**1,997**				
ZWN	Cintichem, Sterling Forest Research		259		**259**				
ZXC	U. of Virginia, Nuclear Engineering		18		**18**				
ZXH	Virginia Polytechnic Institute		4		**4**				
ZYN	Imaging and Sensing Technology Corp.						0		**0**
ZZA	U. of Wisconsin, Reactor Lab		4		**4**				

ZZC	Worcester Polytechnic Institute		4		4				
	Davison Chemical Co.	126			126				
	United Nuclear Co.	209			209				
	University of Florida			6	6				
	New England Materials Lab			3	3				
	Procurement - AECL	110,796			110,796				
	Procurement - Atomics International	410			410				
	Procurement - General Electric	2			2				
	Procurement - Martin Co.			1	1				
	Procurement - National Lead of Ohio	22			22				
	Procurement - Sylvania Corning	233			233				
	Procurement - Unspecified			1,279	1,279				
TOT'L		**549,092**	**899,643**	**6,685,513**	**8,134,248**	**36,814**	**149,658**	**2,430,497**	**2,616,969**

Note: All the RIS codes beginning with "R" represent foreign shipments and receipts of uranium at the Savannah River Site. The following is a summary of those receipts and shipments expressed in kilograms for depleted, enriched, and normal uranium;

	Receipts			**Shipments**	
DU	**EU**	**NU**	**DU**	**EU**	**NU**
84,543	**2,259**	**10,143**	**0**	**31**	**9,942**