

Annex

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Note: Tables A24–A29 are available on the attached CD-ROM.

Table A1. Regular budget allocation and utilization of resources in 2013 by Programme and Major Programme (in euros)

Programme / Major Programme	Original budget	Adjusted budget	Obligations	Actuals	Expenditure	Unobligated balances
	\$1/€1	€1/ \$1.3245				
	a	b	c	d	e=c+d	f=b-e
1 Nuclear Power, Fuel Cycle and Nuclear Science						
Overall management, coordination and common activities	1 067 347	1 011 138	47 006	1 255 987	1 302 993	(291 855)
Nuclear Power	7 659 655	7 177 722	338 622	6 917 901	7 256 523	(78 801)
Nuclear Fuel Cycle and Materials Technologies	3 364 910	3 132 815	193 084	2 822 102	3 015 186	117 629
Capacity Building and Nuclear Knowledge Maintenance for Sustainable Energy Development	10 743 887	10 201 341	1 352 824	8 021 426	9 374 250	827 091
Nuclear Science	9 890 695	9 446 664	746 867	8 752 116	9 498 983	(52 319)
Corporate shared services	1 378 946	1 316 915	91 813	1 126 993	1 218 806	98 109
Total Major Programme 1	34 105 440	32 286 595	2 770 216	28 896 525	31 666 741	619 854
2 Nuclear Techniques for Development and Environmental Protection						
Overall management, coordination and common activities	4 838 966	4 639 994	763 370	3 827 823	4 591 193	48 801
Management of the coordinated research activities	715 336	685 335	49 581	670 400	719 981	(34 646)
Food and Agriculture	11 202 300	10 703 768	1 397 124	9 372 194	10 769 318	(65 550)
Human Health	9 583 937	9 117 334	1 231 568	7 844 737	9 076 305	41 029
Water Resources	3 440 738	3 279 750	363 313	2 835 925	3 199 238	80 512
Environment	6 026 933	5 742 658	118 228	5 594 563	5 712 791	29 867
Radioisotope Production and Radiation Technology	2 209 298	2 085 592	270 227	1 770 527	2 040 754	44 838
Corporate shared services	1 095 268	1 043 436	63 807	891 717	955 524	87 912
Total Major Programme 2	39 112 776	37 297 867	4 257 218	32 807 886	37 065 104	232 763
3 Nuclear Safety and Security						
Enhancing the global nuclear safety and security framework	714 986	678 692	42 742	655 343	698 085	(19 393)
Enhancing and strengthening capacity building, communications, knowledge networking, education and training	315 542	301 579	5 424	250 969	256 393	45 186
Nuclear Safety Action Plan	638 800	606 324	38 052	584 651	622 703	(16 379)
Incident and Emergency Preparedness and Response	3 445 988	3 222 202	180 754	3 040 694	3 221 448	754
Safety of Nuclear Installations	10 134 357	9 621 600	379 910	9 155 548	9 535 458	86 142
Radiation and Transport Safety	5 931 319	5 632 930	140 918	5 445 057	5 585 975	46 955
Management of Radioactive Waste	7 097 610	6 683 704	403 090	6 192 111	6 595 201	88 503
Nuclear Security	4 552 060	4 316 276	61 595	4 313 190	4 374 785	(58 509)
Corporate shared services	1 603 822	1 532 277	99 630	1 296 693	1 396 323	135 954
Total Major Programme 3	34 434 484	32 595 584	1 352 115	30 934 256	32 286 371	309 213
4 Nuclear Verification						
Overall management and coordination	2 976 983	2 824 785	335 764	3 015 704	3 351 468	(526 683)
Quality management	999 077	949 314	2 028	623 438	625 466	323 848
Resources management	1 364 170	1 304 668	4 717	1 111 052	1 115 769	188 899
Safeguards Implementation	108 888 763	103 428 202	11 577 315	88 253 811	99 831 126	3 597 076
Other Verification Activities	542 668	515 053	272	515 298	515 570	(517)
Development	10 344 225	9 798 995	2 255 111	9 449 600	11 704 711	(1 905 716)
Corporate shared services	5 513 133	5 276 844	445 576	4 933 313	5 378 889	(102 045)
Total Major Programme 4	130 629 019	124 097 861	14 620 783	107 902 216	122 522 999	1 574 862
5 Policy, Management and Administration Services						
Policy, Management and Administration Services	72 345 163	69 699 015	5 111 162	64 629 243	69 740 405	(41 390)
Corporate shared services	4 172 326	3 979 643	135 935	3 597 897	3 733 832	245 811
Total Major Programme 5	76 517 489	73 678 658	5 247 097	68 227 140	73 474 237	204 421
6 Management of Technical Cooperation for Development						
Management of Technical Cooperation for Development	19 903 653	19 020 572	723 943	18 187 525	18 911 468	109 104
Corporate shared services	813 417	772 498	36 635	705 800	742 435	30 063
Total Major Programme 6	20 717 070	19 793 070	760 578	18 893 325	19 653 903	139 167
Total Operational Regular Budget	335 516 278	319 749 635	29 008 007	287 661 348	316 669 355	3 080 280
Major Capital Investment Funding Requirements						
1. Nuclear Power, Fuel Cycle and Nuclear Science	—	—	—	—	—	—
2. Nuclear Techniques for Development and Environmental Protection	—	—	—	—	—	—
3. Nuclear Safety and Security	—	—	—	—	—	—
4. Nuclear Verification	1 682 710	1 682 710	258 089	1 056 261	1 314 350	368 360
5. Policy, Management and Administration Services	6 658 242	6 658 242	176 931	971 522	1 148 453	5 509 789
6. Management of Technical Cooperation for Development	—	—	—	—	—	—
Capital Regular Budget	8 340 952	8 340 952	435 020	2 027 783	2 462 803	5 878 149
Total Agency Programmes	343 857 230	328 090 587	29 443 027	289 689 131	319 132 158	8 958 429
Reimbursable work for others	2 417 027	2 259 071	—	3 200 038	3 200 038	(940 967)
Total Regular Budget	346 274 257	330 349 658	29 443 027	292 889 169	322 332 196	8 017 462

Column a: General Conference resolution GC(56)/RES/5 of September 2012 — adjusted to reflect the share of corporate shared services under each of the operational major programmes.

Column b: Original budget revalued at the United Nations average rate of exchange of US \$1.3245 to €1 or €0.7550 to US \$1.

Column c: Amounts related to purchase orders issued involving claims against resources for which expenditure authority has been given but not yet invoiced (paid).

Column f: The reimbursable work for others (RWfO) accounted for additional revenue of €940 967 which was fully expended in 2013. This amount represents expenditure in addition to that for which provisions were made in the Regular Budget. RWfO was entirely financed from other VIC based organizations and projects financed from the Technical Cooperation Fund and extrabudgetary resources.

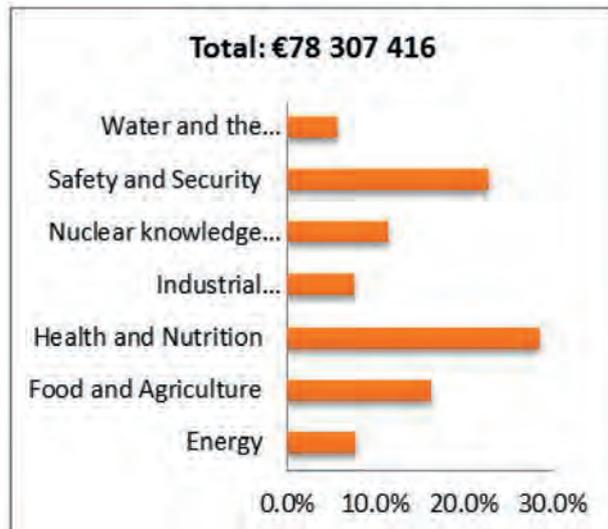
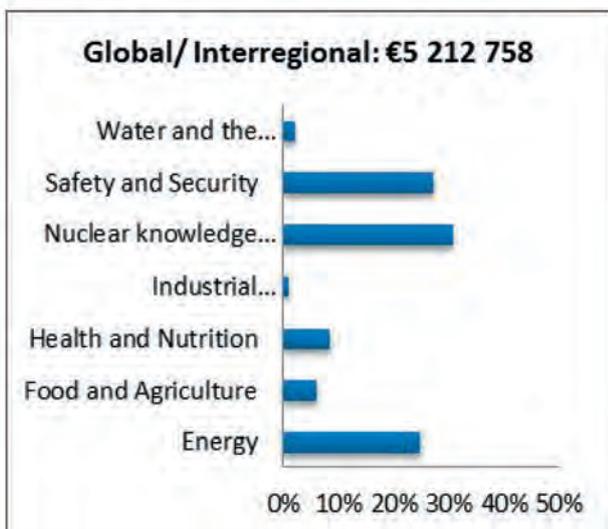
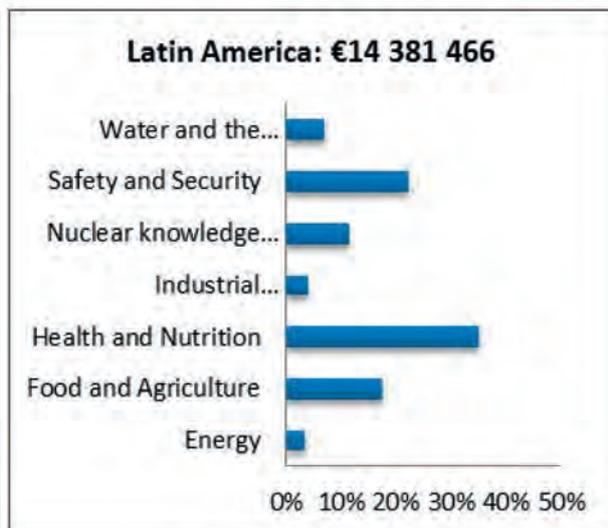
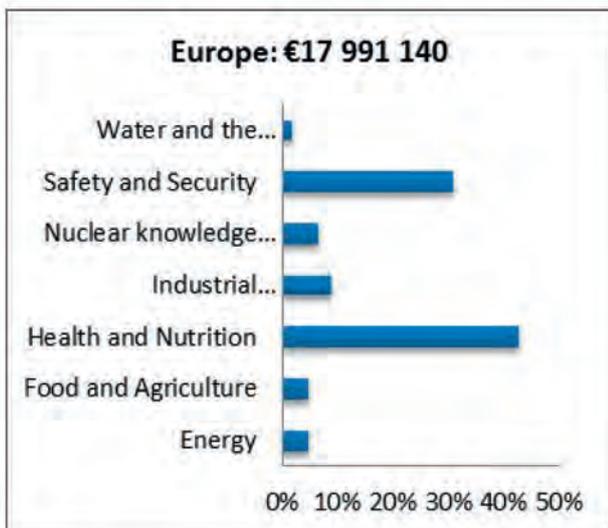
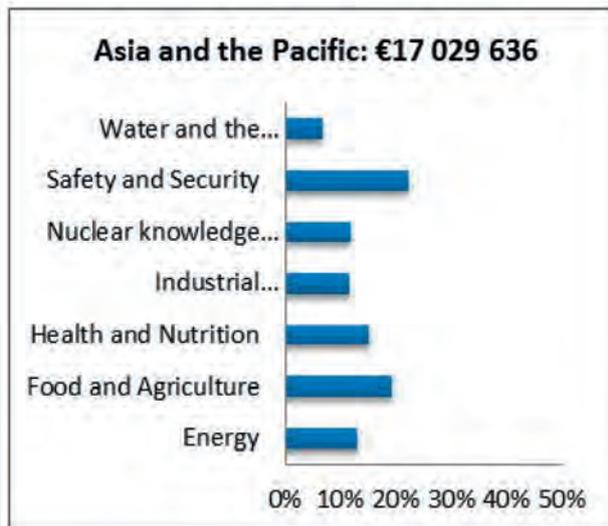
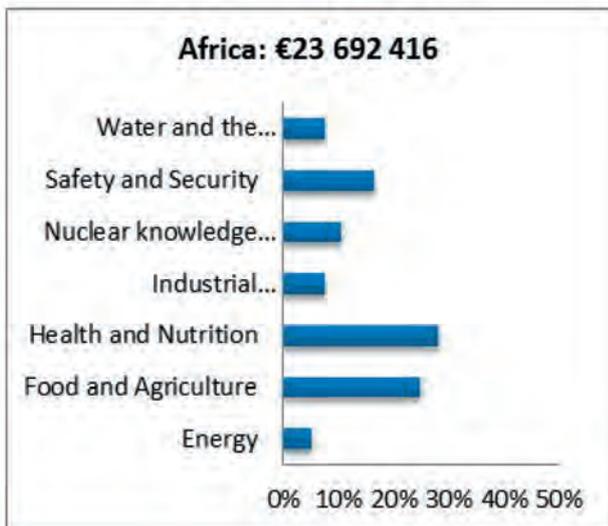
Table A2. Extrabudgetary regular programme fund resource utilization in 2013 by Programme and Major Programme (in euros)

Summary of resource utilization by Programme and Major Programme	2013 expenditure
1 Nuclear Power, Fuel Cycle and Nuclear Science	
Overall management, coordination and common activities	84 328
Nuclear Power	3 554 208
Nuclear Fuel Cycle and Materials Technologies	1 826 000
Capacity Building and Nuclear Knowledge Maintenance for Sustainable Energy Development	637 140
Nuclear Science	928 443
Corporate shared services	—
Total Major Programme 1	7 030 119
2 Nuclear Techniques for Development and Environmental Protection	
Overall management, coordination and common activities	307 106
Management of the coordinated research activities	—
Food and Agriculture	2 543 026
Human Health	1 616 248
Water Resources	300 787
Environment	990 908
Radioisotope Production and Radiation Technology	—
Corporate shared services	—
Total Major Programme 2	5 758 075
3 Nuclear Safety and Security	
Enhancing the global nuclear safety and security framework	571 474
Enhancing and strengthening capacity building, communications, knowledge networking, education and training	2 791 616
Nuclear Safety Action Plan	3 200 373
Incident and Emergency Preparedness and Response	789 633
Safety of Nuclear Installations	5 942 172
Radiation and Transport Safety	1 664 543
Management of Radioactive Waste	2 254 077
Nuclear Security	16 982 147
Corporate shared services	—
Total Major Programme 3	34 196 035
4 Nuclear Verification	
Overall management and coordination	985 924
Quality management	—
Resources management	79 270
Safeguards Implementation	3 940 677
Other Verification Activities	10 094
Development	9 510 882
Corporate shared services	—
Total Major Programme 4	14 526 847
5 Policy, Management and Administration Services	
Policy, Management and Administration Services	1 157 949
Corporate shared services	—
Total Major Programme 5	1 157 949
6 Management of Technical Cooperation for Development	
Management of Technical Cooperation for Development	—
Corporate shared services	—
Total Major Programme 6	—
Total extrabudgetary programme funds	62 669 025

Table A3(a). Disbursements (actuals) by technical field and region in 2013

Summary of all regions (in euros)						
Technical field	Africa	Asia and the Pacific	Europe	Latin America	Global/inter-regional	Total
1 Energy	1 190 250	2 234 551	849 188	481 845	1 293 424	6 049 258
2 Food and Agriculture	5 857 708	3 306 717	829 117	2 480 811	309 963	12 784 316
3 Health and Nutrition	6 660 219	2 553 213	7 687 839	5 026 114	439 436	22 366 821
4 Industrial Applications/ Radiation Technology	1 793 596	1 958 004	1 603 257	548 748	49 842	5 953 447
5 Nuclear Knowledge Development and Management	2 520 934	1 991 200	1 152 723	1 663 859	1 596 212	8 924 928
6 Safety and Security	3 872 678	3 807 716	5 573 825	3 176 160	1 418 572	17 848 951
7 Water and the Environment	1 797 031	1 178 234	295 192	1 003 929	105 308	4 379 695
Total	23 692 416	17 029 636	17 991 140	14 381 466	5 212 758	78 307 416

Table A3(b). Graphical representation of the information in Table A3(a)



Note: See Table A3(a) for the full titles of the technical fields.

Table A4. Amount of nuclear material at the end of 2013 by type of agreement

Nuclear material	Comprehensive safeguards agreement^a	INFCIRC/66-type agreement^b	Voluntary offer agreement	Quantity in SQs
Plutonium ^c contained in irradiated fuel and in fuel elements in reactor cores	124 832	2 258	18 321	145 411
Separated plutonium outside reactor cores	1 912	5	10 399	12 316
HEU (equal to or greater than 20% U-235)	190	1	0.3	191
LEU (less than 20% U-235)	16 812	244	972	18 029
Source material ^d (natural and depleted uranium and thorium)	9 818	409	2 308	12 535
U-233	18	0.001	0	18
Total significant quantities (SQs)	153 582	2 917	32 001	188 500

Amount of heavy water at the end of 2013 by type of agreement

Non-nuclear material^e	Comprehensive safeguards agreement^f	INFCIRC/66-type agreement^g	Voluntary offer agreement	Quantity in tonnes
Heavy water (tonnes)	0.7^h	430	0	431

^a Covering safeguards agreements pursuant to NPT and/or Treaty of Tlatelolco and other CSAs; including facilities in Taiwan, China.

^b Covering facilities in India, Israel and Pakistan.

^c The quantity includes an estimated amount (10 772 SQs) of plutonium (Pu) in fuel elements loaded into reactor cores and Pu in other irradiated fuel, which has not yet been reported to the Agency under agreed reporting procedures (the non-reported Pu is contained in irradiated fuel assemblies to which item accountancy and containment/surveillance measures are applied).

^d This table does not include material within the terms of subparagraphs 34(a) and 34(b) of INFCIRC/153 (Corrected).

^e Non-nuclear material subject to Agency safeguards under INFCIRC/66/Rev.2-type agreements.

^f Covering safeguards agreements pursuant to NPT and/or Treaty of Tlatelolco and other CSAs; including facilities in Taiwan, China.

^g Covering facilities in India, Israel and Pakistan.

^h In Taiwan, China.

Table A5. Number of facilities under safeguards during 2013

Facility type	Number of facilities			Totals
	Comprehensive safeguards agreements (CSAs) ^a	INFCIRC/66-type agreements ^b	Voluntary offer agreements	
Power reactors	240	11	1	252
Research reactors	147	3	1	151
Conversion plants	18	0	0	18
Fuel fabrication plants	43	2	1	46
Reprocessing plants	11	1	1	13
Enrichment plants	16	0	3	19
Separate storage facilities	121	1	4	126
Other facilities	74	0	0	74
Subtotals	670	18	11	699
Material balance areas containing locations outside facilities ^{c,d}	561	1	0	562
Totals	1231	19	11	1261

^a Covering safeguards agreements pursuant to the NPT and/or the Treaty of Tlatelolco and other CSAs; includes facilities in Taiwan, China.

^b Covering facilities in India, Israel and Pakistan.

^c Includes 52 material balance areas in States with the amended small quantities protocol.

^d Excludes the material balance areas containing locations outside facilities of the Agency (2) and the European Commission in Luxembourg (1).

Table A6. Conclusion of safeguards agreements (CSAs), additional protocols (APs) and small quantities protocols (SQPs) (as of 31 December 2013)

State	SQP ^a	Safeguards agreements ^b	INFCIRC	Additional protocols
Afghanistan	X	In force: 20 Feb. 1978	257	In force: 19 July 2005
Albania ¹		In force: 25 March 1988	359	In force: 3 Nov. 2010
Algeria		In force: 7 Jan. 1997	531	Approved: 14 Sept. 2004
Andorra	Amended 24 April 2013	In force: 18 Oct. 2010	808	In force: 19 Dec. 2011
Angola	In force: 28 April 2010	In force: 28 April 2010	800	In force: 28 April 2010
Antigua and Barbuda ²	Amended: 5 March 2012	In force: 9 Sept. 1996	528	In force: 15 Nov. 2013
Argentina ³		In force: 4 March 1994	435	
Armenia		In force: 5 May 1994	455	In force: 28 June 2004
Australia		In force: 10 July 1974	217	In force: 12 Dec. 1997
Austria ⁴		Accession: 31 July 1996	193	In force: 30 April 2004
Azerbaijan	Amended: 20 Nov. 2006	In force: 29 April 1999	580	In force: 29 Nov. 2000
The Bahamas ²	Amended: 25 July 2007	In force: 12 Sept. 1997	544	
Bahrain	In force: 10 May 2009	In force: 10 May 2009	767	In force: 20 July 2011
Bangladesh		In force: 11 June 1982	301	In force: 30 March 2001
Barbados ²	X	In force: 14 Aug. 1996	527	
Belarus		In force: 2 Aug. 1995	495	Signed: 15 Nov. 2005
Belgium		In force: 21 Feb. 1977	193	In force: 30 April 2004
Belize ⁵	X	In force: 21 Jan. 1997	532	
<i>Benin</i>	<i>Amended: 15 April 2008</i>	<i>Signed: 7 June 2005</i>		<i>Signed: 7 June 2005</i>
Bhutan	X	In force: 24 Oct. 1989	371	
Bolivia ²	X	In force: 6 Feb. 1995	465	
Bosnia and Herzegovina		In force: 4 April 2013	851	In force: 3 July 2013
Botswana		In force: 24 Aug. 2006	694	In force: 24 Aug. 2006
Brazil ⁶		In force: 4 March 1994	435	
Brunei Darussalam	X	In force: 4 Nov. 1987	365	
Bulgaria ⁷		Accession: 1 May 2009	193	Accession: 1 May 2009
Burkina Faso	Amended: 18 Feb. 2008	In force: 17 April 2003	618	In force: 17 April 2003
Burundi	In force: 27 Sept. 2007	In force: 27 Sept. 2007	719	In force: 27 Sept. 2007
<i>Cabo Verde</i>	<i>Amended: 27 March 2006</i>	<i>Signed: 28 June 2005</i>		<i>Signed: 28 June 2005</i>
Cambodia	X	In force: 17 Dec. 1999	586	

Table A6. Conclusion of safeguards agreements, additional protocols (APs) and small quantities protocols (SQPs) (as of 31 December 2013) (cont.)

State	SQP ^a	Safeguards agreements ^b	INFCIRC	Additional protocols
Cameroon	X	In force: 17 Dec. 2004	641	Signed: 16 Dec. 2004
Canada		In force: 21 Feb. 1972	164	In force: 8 Sept. 2000
Central African Republic	In force: 7 Sept. 2009	In force: 7 Sept. 2009	777	In force: 7 Sept. 2009
Chad	In force: 13 May 2010	In force: 13 May 2010	802	In force: 13 May 2010
Chile ⁸		In force: 5 April 1995	476	In force: 3 Nov. 2003
China		In force: 18 Sept. 1989	369*	In force: 28 March 2002
Colombia ⁸		In force: 22 Dec. 1982	306	In force: 5 March 2009
Comoros	In force: 20 Jan. 2009	In force: 20 Jan. 2009	752	In force: 20 Jan. 2009
Congo, Republic of the	In force: 28 Oct. 2011	In force: 28 Oct. 2011	831	In force: 28 Oct. 2011
Costa Rica ²	Amended: 12 Jan. 2007	In force: 22 Nov. 1979	278	In force: 17 June 2011
Côte d'Ivoire		In force: 8 Sept. 1983	309	Signed: 22 Oct. 2008
Croatia	Amended: 26 May 2008	In force: 19 Jan. 1995	463	In force: 6 July 2000
Cuba ²		In force: 3 June 2004	633	In force: 3 June 2004
Cyprus ⁹		Accession: 1 May 2008	193	Accession: 1 May 2008
Czech Republic ¹⁰		Accession: 1 Oct. 2009	193	Accession: 1 Oct. 2009
Dem. Rep. of the Congo		In force: 9 Nov. 1972	183	In force: 9 April 2003
Denmark ¹¹		In force: 1 March 1972	176	In force: 22 March 2013
		In force: 21 Feb. 1977	193	In force: 30 April 2004
<i>Djibouti</i>	<i>Signed: 27 May 2010</i>	<i>Signed: 27 May 2010</i>		<i>Signed: 27 May 2010</i>
Dominica ⁵	X	In force: 3 May 1996	513	
Dominican Republic ²	Amended: 11 Oct. 2006	In force: 11 Oct. 1973	201	In force: 5 May 2010
D.P.R.K.		In force: 10 April 1992	403	
Ecuador ²	Amended: 7 April 2006	In force: 10 March 1975	231	In force: 24 Oct. 2001
Egypt		In force: 30 June 1982	302	
El Salvador ²	Amended: 10 June 2011	In force: 22 April 1975	232	In force: 24 May 2004
<i>Equatorial Guinea</i>	<i>Approved: 13 June 1986</i>	<i>Approved: 13 June 1986</i>		
<i>Eritrea</i>				
Estonia ¹²		Accession: 1 Dec. 2005	193	Accession: 1 Dec. 2005
Ethiopia	X	In force: 2 Dec. 1977	261	
Fiji	X	In force: 22 March 1973	192	In force: 14 July 2006

Table A6. Conclusion of safeguards agreements, additional protocols (APs) and small quantities protocols (SQPs) (as of 31 December 2013) (cont.)

State	SQP ^a	Safeguards agreements ^b	INFCIRC	Additional protocols
Finland ¹³		Accession: 1 Oct. 1995	193	In force: 30 April 2004
France		In force: 12 Sept. 1981	290*	In force: 30 April 2004
	X	In force: 26 Oct. 2007 ¹⁴	718	
Gabon	Amended: 30 Oct. 2013	In force: 25 March 2010	792	In force: 25 March 2010
Gambia	Amended: 17 Oct. 2011	In force: 8 Aug. 1978	277	In force: 18 Oct. 2011
Georgia		In force: 3 June 2003	617	In force: 3 June 2003
Germany ¹⁵		In force: 21 Feb. 1977	193	In force: 30 April 2004
Ghana	Rescinded: 24 Feb. 2012	In force: 17 Feb. 1975	226	In force: 11 June 2004
Greece ¹⁶		Accession: 17 Dec. 1981	193	In force: 30 April 2004
Grenada ²	X	In force: 23 July 1996	525	
Guatemala ²	Amended: 26 April 2011	In force: 1 Feb. 1982	299	In force: 28 May 2008
Guinea	<i>Signed: 13 Dec. 2011</i>	<i>Signed: 13 Dec. 2011</i>		<i>Signed: 13 Dec. 2011</i>
Guinea-Bissau	<i>Signed: 21 June 2013</i>	<i>Signed: 21 June 2013</i>		<i>Signed: 21 June 2013</i>
Guyana ²	X	In force: 23 May 1997	543	
Haiti ²	X	In force: 9 March 2006	681	In force: 9 March 2006
Holy See	Amended: 11 Sept. 2006	In force: 1 Aug. 1972	187	In force: 24 Sept. 1998
Honduras ²	Amended: 20 Sept. 2007	In force: 18 April 1975	235	Signed: 7 July 2005
Hungary ¹⁷		Accession: 1 July 2007	193	Accession: 1 July 2007
Iceland	Amended: 15 March 2010	In force: 16 Oct. 1974	215	In force: 12 Sept. 2003
		In force: 30 Sept. 1971	211	
		In force: 17 Nov. 1977	260	
		In force: 27 Sept. 1988	360	
		In force: 11 Oct. 1989	374	
India		In force: 1 March 1994	433	
		In force: 11 May 2009	754	Signed: 15 May 2009
Indonesia		In force: 14 July 1980	283	In force: 29 Sept. 1999
Iran, Islamic Republic of		In force: 15 May 1974	214	Signed: 18 Dec. 2003
Iraq		In force: 29 Feb. 1972	172	In force: 10 Oct. 2012
Ireland		In force: 21 Feb. 1977	193	In force: 30 April 2004
Israel		In force: 4 April 1975	249/Add.1	

Table A6. Conclusion of safeguards agreements, additional protocols (APs) and small quantities protocols (SQPs) (as of 31 December 2013) (cont.)

State	SQP ^a	Safeguards agreements ^b	INFCIRC	Additional protocols
Italy		In force: 21 Feb. 1977	193	In force: 30 April 2004
Jamaica ²	Rescinded: 15 Dec. 2006	In force: 6 Nov. 1978	265	In force: 19 March 2003
Japan		In force: 2 Dec. 1977	255	In force: 16 Dec. 1999
Jordan	X	In force: 21 Feb. 1978	258	In force: 28 July 1998
Kazakhstan		In force: 11 Aug. 1995	504	In force: 9 May 2007
Kenya	In force: 18 Sept. 2009	In force: 18 Sept. 2009	778	In force: 18 Sept. 2009
Kiribati	X	In force: 19 Dec. 1990	390	Signed: 9 Nov. 2004
Korea, Republic of		In force: 14 Nov. 1975	236	In force: 19 Feb. 2004
Kuwait	Amended: 26 July 2013	In force: 7 March 2002	607	In force: 2 June 2003
Kyrgyzstan	X	In force: 3 Feb. 2004	629	In force: 10 Nov. 2011
Lao P.D.R.	X	In force: 5 April 2001	599	
Latvia ¹⁸		Accession: 1 Oct. 2008	193	Accession: 1 Oct. 2008
Lebanon	Amended: 5 Sept. 2007	In force: 5 March 1973	191	
Lesotho	Amended: 8 Sept. 2009	In force: 12 June 1973	199	In force: 26 April 2010
<i>Liberia</i>				
Libya		In force: 8 July 1980	282	In force: 11 Aug. 2006
Liechtenstein		In force: 4 Oct. 1979	275	Signed: 14 July 2006
Lithuania ¹⁹		Accession: 1 Jan. 2008	193	Accession: 1 Jan. 2008
Luxembourg		In force: 21 Feb. 1977	193	In force: 30 April 2004
Madagascar	Amended: 29 May 2008	In force: 14 June 1973	200	In force: 18 Sept. 2003
Malawi	Amended: 29 Feb. 2008	In force: 3 Aug. 1992	409	In force: 26 July 2007
Malaysia		In force: 29 Feb. 1972	182	Signed: 22 Nov. 2005
Maldives	X	In force: 2 Oct. 1977	253	
Mali	Amended: 18 April 2006	In force: 12 Sept. 2002	615	In force: 12 Sept. 2002
Malta ²⁰		Accession: 1 July 2007	193	Accession: 1 July 2007
Marshall Islands		In force: 3 May 2005	653	In force: 3 May 2005
Mauritania	Amended: 20 March 2013	In force: 10 Dec. 2009	788	In force: 10 Dec. 2009
Mauritius	Amended: 26 Sept. 2008	In force: 31 Jan. 1973	190	In force: 17 Dec. 2007
Mexico ²¹		In force: 14 Sept. 1973	197	In force: 4 March 2011
<i>Micronesia, Fed. States</i>				

Table A6. Conclusion of safeguards agreements, additional protocols (APs) and small quantities protocols (SQPs) (as of 31 December 2013) (cont.)

State	SQP ^a	Safeguards agreements ^b	INFCIRC	Additional protocols
Monaco	Amended: 27 Nov. 2008	In force: 13 June 1996	524	In force: 30 Sept. 1999
Mongolia	X	In force: 5 Sept. 1972	188	In force: 12 May 2003
Montenegro	In force: 4 March 2011	In force: 4 March 2011	814	In force: 4 March 2011
Morocco	Rescinded: 15 Nov. 2007	In force: 18 Feb. 1975	228	In force: 21 April 2011
Mozambique	In force: 1 March 2011	In force: 1 March 2011	813	In force: 1 March 2011
Myanmar	X	In force: 20 April 1995	477	Signed: 17 Sept. 2013
Namibia	X	In force: 15 April 1998	551	In force: 20 Feb. 2012
Nauru	X	In force: 13 April 1984	317	
Nepal	X	In force: 22 June 1972	186	
Netherlands	X	In force: 5 June 1975 ¹⁴	229	
		In force: 21 Feb. 1977	193	In force: 30 April 2004
New Zealand ²²	X	In force: 29 Feb. 1972	185	In force: 24 Sept. 1998
Nicaragua ²	Amended: 12 June 2009	In force: 29 Dec. 1976	246	In force: 18 Feb. 2005
Niger		In force: 16 Feb. 2005	664	In force: 2 May 2007
Nigeria	Rescinded: 14 Aug. 2012	In force: 29 Feb. 1988	358	In force: 4 April 2007
Norway		In force: 1 March 1972	177	In force: 16 May 2000
Oman	X	In force: 5 Sept. 2006	691	
Pakistan		In force: 5 March 1962	34	
		In force: 17 June 1968	116	
		In force: 17 Oct. 1969	135	
		In force: 18 March 1976	239	
		In force: 2 March 1977	248	
		In force: 10 Sept. 1991	393	
		In force: 24 Feb. 1993	418	
		In force: 22 Feb. 2007	705	
		In force: 15 April 2011	816	
Palau	Amended: 15 March 2006	In force: 13 May 2005	650	In force: 13 May 2005
Panama ⁸	Amended: 4 March 2011	In force: 23 March 1984	316	In force: 11 Dec. 2001
Papua New Guinea	X	In force: 13 Oct. 1983	312	
Paraguay ²	X	In force: 20 March 1979	279	In force: 15 Sept. 2004

Table A6. Conclusion of safeguards agreements, additional protocols (APs) and small quantities protocols (SQPs) (as of 31 December 2013) (cont.)

State	SQP ^a	Safeguards agreements ^b	INFCIRC	Additional protocols
Peru ²		In force: 1 Aug. 1979	273	In force: 23 July 2001
Philippines		In force: 16 Oct. 1974	216	In force: 26 Feb. 2010
Poland ²³		Accession: 1 March 2007	193	Accession: 1 March 2007
Portugal ²⁴		Accession: 1 July 1986	193	In force: 30 April 2004
Qatar	In force: 21 Jan. 2009	In force: 21 Jan. 2009	747	
Republic of Moldova	Amended: 1 Sept. 2011	In force: 17 May 2006	690	In force: 1 June 2012
Romania ²⁵		Accession: 1 May 2010	193	Accession: 1 May 2010
Russian Federation		In force: 10 June 1985	327*	In force: 16 Oct. 2007
Rwanda	In force: 17 May 2010	In force: 17 May 2010	801	In force: 17 May 2010
St Kitts and Nevis ⁵	X	In force: 7 May 1996	514	Approved: 10 Sept. 2013
Saint Lucia ⁵	X	In force: 2 Feb. 1990	379	
St V. and the Grenadines ⁵	X	In force: 8 Jan. 1992	400	
Samoa	X	In force: 22 Jan. 1979	268	
San Marino	Amended: 13 May 2011	In force: 21 Sept. 1998	575	
<i>São Tomé and Príncipe</i>				
Saudi Arabia	X	In force: 13 Jan. 2009	746	
Senegal	Amended: 6 Jan. 2010	In force: 14 Jan. 1980	276	Signed: 15 Dec. 2006
Serbia ²⁶		In force: 28 Dec. 1973	204	Signed: 3 July 2009
Seychelles	Amended: 31 Oct. 2006	In force: 19 July 2004	635	In force: 13 Oct. 2004
Sierra Leone	X	In force: 4 Dec. 2009	787	
Singapore	Amended: 31 March 2008	In force: 18 Oct. 1977	259	In force: 31 March 2008
Slovakia ²⁷		Accession: 1 Dec. 2005	193	Accession: 1 Dec. 2005
Slovenia ²⁸		Accession: 1 Sept. 2006	193	Accession: 1 Sept. 2006
Solomon Islands	X	In force: 17 June 1993	420	
<i>Somalia</i>				
South Africa		In force: 16 Sept. 1991	394	In force: 13 Sept. 2002
Spain		Accession: 5 April 1989	193	In force: 30 April 2004
Sri Lanka		In force: 6 Aug. 1984	320	
Sudan	X	In force: 7 Jan. 1977	245	
Suriname ²	X	In force: 2 Feb. 1979	269	

Table A6. Conclusion of safeguards agreements, additional protocols (APs) and small quantities protocols (SQPs) (as of 31 December 2013) (cont.)

State	SQP ^a	Safeguards agreements ^b	INFCIRC	Additional protocols
Swaziland	Amended: 23 July 2010	In force: 28 July 1975	227	In force: 8 Sept. 2010
Sweden ²⁹		Accession: 1 June 1995	193	In force: 30 April 2004
Switzerland		In force: 6 Sept. 1978	264	In force: 1 Feb. 2005
Syrian Arab Republic		In force: 18 May 1992	407	
Tajikistan ³⁰	Amended: 6 March 2006	In force: 14 Dec. 2004	639	In force: 14 Dec. 2004
Thailand		In force: 16 May 1974	241	Signed: 22 Sept. 2005
The FYR of Macedonia	Amended: 9 July 2009	In force: 16 April 2002	610	In force: 11 May 2007
<i>Timor-Leste</i>	<i>Signed: 6 Oct. 2009</i>	<i>Signed: 6 Oct. 2009</i>		<i>Signed: 6 Oct. 2009</i>
Togo	X	In force: 18 July 2012	840	In force: 18 July 2012
Tonga	X	In force: 18 Nov. 1993	426	
Trinidad and Tobago ²	X	In force: 4 Nov. 1992	414	
Tunisia		In force: 13 March 1990	381	Signed: 24 May 2005
Turkey		In force: 1 Sept. 1981	295	In force: 17 July 2001
Turkmenistan		In force: 3 Jan. 2006	673	In force: 3 Jan. 2006
Tuvalu	X	In force: 15 March 1991	391	
Uganda	Amended: 24 June 2009	In force: 14 Feb. 2006	674	In force: 14 Feb. 2006
Ukraine		In force: 22 Jan. 1998	550	In force: 24 Jan. 2006
United Arab Emirates	X	In force: 9 Oct. 2003	622	In force: 20 Dec. 2010
		In force: 14 Dec. 1972 ³¹	175	
United Kingdom		In force: 14 Aug. 1978	263*	In force: 30 April 2004
	X	Signed: 6 Jan. 1993 ¹⁴		
United Rep. of Tanzania	Amended: 10 June 2009	In force: 7 Feb. 2005	643	In force: 7 Feb. 2005
		In force: 9 Dec. 1980	288*	In force: 6 Jan. 2009
United States of America	X	In force: 6 April 1989 ¹⁴	366	
Uruguay ²		In force: 17 Sept. 1976	157	In force: 30 April 2004
Uzbekistan		In force: 8 Oct. 1994	508	In force: 21 Dec. 1998
Vanuatu	In force: 21 May 2013	In force: 21 May 2013	852	In force: 21 May 2013
Venezuela ²		In force: 11 March 1982	300	
Viet Nam		In force: 23 Feb. 1990	376	In force: 17 Sept. 2012
Yemen, Republic of	X	In force: 14 Aug. 2002	614	

Table A6. Conclusion of safeguards agreements, additional protocols (APs) and small quantities protocols (SQPs) (as of 31 December 2013) (cont.)

State	SQP ^a	Safeguards agreements ^b	INFCIRC	Additional protocols
Zambia	X	In force: 22 Sept. 1994	456	Signed: 13 May 2009
Zimbabwe	Amended: 31 Aug. 2011	In force: 26 June 1995	483	

Key

States: States not party to the NPT whose safeguards agreements are of INFCIRC/66-type.

States: Non-nuclear-weapon States that are party to the NPT but have not yet brought into force comprehensive safeguards agreements (CSAs) pursuant to Article III of that Treaty.

*: Voluntary offer safeguards agreement for NPT nuclear-weapon States.

Note: This table does not aim at listing all safeguards agreements that the Agency has concluded. Not included are agreements whose application has been suspended in light of the application of safeguards pursuant to a CSA. Unless otherwise indicated, the safeguards agreements referred to are CSAs concluded pursuant to the NPT.

^a Provided that they fulfil certain conditions (including that the quantities of nuclear material do not exceed the limits set out in paragraph 37 of INFCIRC/153), States with CSAs have the option to conclude a 'small quantities protocol' (SQP) that holds in abeyance the implementation of most of the detailed provisions set out in Part II of the CSA as long as these conditions continue to apply. This column contains countries whose SQP has been approved by the Board and for which, as far as the Secretariat is aware, these conditions continue to apply. For those States that have accepted the revised standard SQP text (approved by the Board of Governors on 20 September 2005) the current status is reflected.

^b The Agency also applies safeguards in Taiwan, China, under two agreements, INFCIRC/133 and INFCIRC/158, which entered into force on 13 October 1969 and 6 December 1971, respectively.

¹ Sui generis CSA. On 28 November 2002, upon approval by the Board of Governors, an exchange of letters entered into force confirming that the safeguards agreement satisfies the requirement of Article III of the NPT.

² Safeguards agreement refers to both the Treaty of Tlatelolco and the NPT.

³ Date refers to the safeguards agreement concluded between Argentina, Brazil, ABACC and the Agency. On 18 March 1997, upon approval by the Board of Governors, an exchange of letters entered into force between Argentina and the Agency confirming that the safeguards agreement satisfies the requirements of Article 13 of the Treaty of Tlatelolco and Article III of the NPT to conclude a safeguards agreement with the Agency.

⁴ The application of safeguards in Austria under the NPT bilateral safeguards agreement INFCIRC/156, in force since 23 July 1972, was suspended on 31 July 1996, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Austria had acceded, entered into force for Austria.

⁵ Date refers to a safeguards agreement pursuant to Article III of the NPT. Upon approval by the Board of Governors, an exchange of letters entered into force (for Saint Lucia on 12 June 1996 and for Belize, Dominica, Saint Kitts and Nevis, and Saint Vincent and the Grenadines on 18 March 1997) confirming that the safeguards agreement satisfies the requirement of Article 13 of the Treaty of Tlatelolco.

⁶ Date refers to the safeguards agreement concluded between Argentina, Brazil, ABACC and the Agency. On 10 June 1997, upon approval by the Board of Governors, an exchange of letters entered into force between Brazil and the Agency confirming that the safeguards agreement satisfies the requirements of Article 13 of the Treaty of Tlatelolco. On 20 September 1999, upon approval by the Board of Governors, an exchange of letters entered into force confirming that the safeguards agreement also satisfies the requirements of Article III of the NPT.

⁷ The application of safeguards in Bulgaria under the NPT safeguards agreement INFCIRC/178, in force since 29 February 1972, was suspended on 1 May 2009, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Bulgaria had acceded, entered into force for Bulgaria.

⁸ The date refers to a safeguards agreement pursuant to Article 13 of the Treaty of Tlatelolco. Upon approval by the Board of Governors, an exchange of letters entered into force (for Chile on 9 September 1996; for Colombia on 13 June 2001; for Panama on 20 November 2003) confirming that the safeguards agreement satisfies the requirement of Article III of the NPT.

⁹ The application of safeguards in Cyprus under the NPT safeguards agreement INFCIRC/189, in force since 26 January 1973, was suspended on 1 May 2008, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193) to which Cyprus had acceded, entered into force for Cyprus.

¹⁰ The application of safeguards in the Czech Republic under the NPT safeguards agreement INFCIRC/541, in force since 11 September 1997, was suspended on 1 October 2009, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193) to which the Czech Republic had acceded, entered into force for the Czech Republic.

¹¹ The application of safeguards in Denmark under the bilateral NPT safeguards agreement INFCIRC/176, in force since 1 March 1972, was suspended on 21 February 1977, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193) entered into force for Denmark. Since 21 February 1977, INFCIRC/193 also applies to the Faroe Islands. Upon Greenland's secession from Euratom as of 31 January 1985, the agreement between the Agency and Denmark (INFCIRC/176) re-entered into force for Greenland. The Additional Protocol for Greenland entered into force on 22 March 2013 (INFCIRC/176/Add.1).

¹² The application of safeguards in Estonia under the NPT safeguards agreement INFCIRC/547, in force since 24 November 1997, was suspended on 1 December 2005, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Estonia had acceded, entered into force for Estonia.

¹³ The application of safeguards in Finland under the bilateral NPT safeguards agreement INFCIRC/155, in force since 9 February 1972, was suspended on 1 October 1995, on which date the agreement of 5 April 1973 (INFCIRC/193) between the non-nuclear-weapon States of Euratom, Euratom and the Agency, to which Finland had acceded, entered into force for Finland.

¹⁴ The safeguards agreement referred to is pursuant to Additional Protocol I to the Treaty of Tlatelolco.

¹⁵ The NPT safeguards agreement of 7 March 1972 concluded with the German Democratic Republic (INFCIRC/181) is no longer in force with effect from 3 October 1990, on which date the German Democratic Republic acceded to the Federal Republic of Germany.

¹⁶ The application of safeguards in Greece under the NPT bilateral safeguards agreement INFCIRC/166, provisionally in force since 1 March 1972, was suspended on 17 December 1981, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Greece had acceded, entered into force for Greece.

¹⁷ The application of safeguards in Hungary under the bilateral NPT safeguards agreement INFCIRC/174, in force since 30 March 1972, was suspended on 1 July 2007, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Hungary had acceded, entered into force for Hungary.

¹⁸ The application of safeguards in Latvia under the bilateral NPT safeguards agreement INFCIRC/434, in force since 21 December 1993, was suspended on 1 October 2008, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Latvia had acceded, entered into force for Latvia.

¹⁹ The application of safeguards in Lithuania under the bilateral NPT safeguards agreement INFCIRC/413, in force since 15 October 1992, was suspended on 1 January 2008, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Lithuania had acceded, entered into force for Lithuania.

²⁰ The application of safeguards in Malta under the bilateral NPT safeguards agreement INFCIRC/387, in force since 13 November 1990, was suspended on 1 July 2007, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Malta had acceded, entered into force for Malta.

²¹ The safeguards agreement referred to was concluded pursuant to both the Treaty of Tlatelolco and the NPT. The application of safeguards under an earlier safeguards agreement pursuant to the Treaty of Tlatelolco, which entered into force on 6 September 1968 (INFCIRC/118), was suspended as of 14 September 1973.

²² Whereas the NPT safeguards agreement and SQP with New Zealand (INFCIRC/185) also apply to Cook Islands and Niue, the AP thereto (INFCIRC/185/Add.1) is not applicable to the Cook Islands and Niue.

²³ The application of safeguards in Poland under the NPT safeguards agreement INFCIRC/179, in force since 11 October 1972, was suspended on 1 March 2007, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193) to which Poland had acceded, entered into force for Poland.

²⁴ The application of safeguards in Portugal under the bilateral NPT safeguards agreement INFCIRC/272, in force since 14 June 1979, was suspended on 1 July 1986, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Portugal had acceded, entered into force for Portugal.

²⁵ The application of safeguards in Romania under the NPT safeguards agreement INFCIRC/180, in force since 27 October 1972, was suspended on 1 May 2010, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193) to which Romania had acceded, entered into force for Romania.

²⁶ The NPT safeguards agreement concluded with the Socialist Federal Republic of Yugoslavia (INFCIRC/204), which entered into force on 28 December 1973, continues to be applied in Serbia (formerly Serbia and Montenegro) to the extent relevant to the territory of Serbia.

²⁷ The application of safeguards in Slovakia under the bilateral NPT safeguards agreement with the Czechoslovak Socialist Republic (INFCIRC 173), in force since 3 March 1972, was suspended on 1 December 2005, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Slovakia had acceded, entered into force for Slovakia.

²⁸ The application of safeguards in Slovenia under the NPT safeguards agreement INFCIRC/538, in force since 1 August 1997, was suspended on 1 September 2006, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Slovenia had acceded, entered into force for Slovenia.

²⁹ The application of safeguards in Sweden under the NPT safeguards agreement INFCIRC/234, in force since 14 April 1975, was suspended on 1 June 1995, on which date the agreement of 5 April 1973 between the non-nuclear-weapon States of Euratom, Euratom and the Agency (INFCIRC/193), to which Sweden had acceded, entered into force for Sweden.

³⁰ The SQP ceased to be operational upon entry into force of the amendments to the SQP.

³¹ Date refers to the INFCIRC/66-type safeguards agreement, concluded between the United Kingdom and the Agency, which remains in force.

Table A7. Participation in multilateral treaties for which the Director General is depositary, conclusion of Revised Supplementary Agreements and acceptance of amendments to Articles VI and XIV.A of the Agency's Statute (status as of 31 December 2013)

State/Organization	P&I	VC	CPPNM	CPPNMAM	ENC	AC	JP	NS	RADW	PAVC	CSC	RSA	VI	XIV.A
* Afghanistan			P		Sr	Sr						P	X	
* Albania	P		P	Cs	P	P		P	P			P	X	X
* Algeria			Pr	Cs	Pr	Pr		S				P	X	X
Andorra			Pr											
* Angola					P							P		
Antigua Barbuda			P	Cs										
* Argentina	P	P	Pr	Cs	Pr	Pr	S	P	P	P	Cs	P	X	X
* Armenia		P	P	Cs	P	P		P	P			P		
* Australia	P		P	Cs	Pr	Pr		P	P		S			
* Austria			Pr	Cs	P	Pr		Pr	P				X	X
* Azerbaijan			Pr									S		
Bahamas			Pr											
* Bahrain			Pr	Cs	Pr			P				P		
* Bangladesh			P		P	P		P				P		
Barbados														
* Belarus	Pr	P	Pr		Pr	Pr		P	P	P		P	X	X
* Belgium	Pr		Pr	Cs	P	P	S	P	P					
* Belize												P		
* Benin	P											P		
Bhutan														
* Bolivia	P	P	P		Pr	Pr						P		
* Bosnia and Herzegovina	Pr	P	P	Cs	P	P		P	P	P		P	X	X
* Botswana			P		P	P						P		
* Brazil	P	P	P		P	P		P	P			P	X	X
Brunei														
* Bulgaria	Pr	P	P	Cs	P	P	P	P	P			P	X	X
* Burkina Faso			P									P		

Table A7. Participation in multilateral treaties for which the Director General is depositary, conclusion of Revised Supplementary Agreements and acceptance of amendments to Articles VI and XIV.A of the Agency's Statute (status as of 31 December 2013) (cont.)

State/Organization	P&I	VC	CPPNM	CPPNMAM	ENC	AC	JP	NS	RADW	PAVC	CSC	RSA	VI	XIV.A
* Burundi												P		
* Cabo Verde			P											
* Cambodia			P		P			P				P		
* Cameroon	P	P	P		P	P	P					P		
Canada	Pr		P	Cs	Pr	Pr		P	P		S		X	X
* Central African Republic			P											
* Chad												P		
* Chile	Pr	Pr	P	Cs	P	P	P	P	P			P		
* China	Pr		Pr	Cs	Pr	Pr		P	Pr			P		
* Colombia	P	S	P		P	Pr						P		
Comoros			P											
* Congo														
* Costa Rica			P		P	P						P		
* Côte d'Ivoire			P		S	S						P		
* Croatia	P	P	P	Cs	P	P	P	P	P			P	X	X
* Cuba	Pr	P	Pr	Cs	Pr	Pr		S				P		
* Cyprus	P		Pr	Cs	P	P		P	P			P	X	X
* Czech Republic	P	P	P	Cs	P	P	P	P	P	S	S	P	X	X
DPRK					Sr	Sr								
* Dem. Rep. of the Congo	P		P		S	S						P		
* Denmark	Pr		P	Csr	P	Pr	P	Pr	Pr				X	X
Djibouti			P											
* Dominica			P											
* Dominican Republic			P		P							P		
* Ecuador	P		P									P		
* Egypt	P	P			Pr	Pr	P	S				P		
* El Salvador			Pr		Pr	Pr						P	X	

Table A7. Participation in multilateral treaties for which the Director General is depositary, conclusion of Revised Supplementary Agreements and acceptance of amendments to Articles VI and XIV.A of the Agency's Statute (status as of 31 December 2013) (cont.)

State/Organization	P&I	VC	CPPNM	CPPNMAM	ENC	AC	JP	NS	RADW	PAVC	CSC	RSA	VI	XIV.A
Equatorial Guinea			P											
* Eritrea														
* Estonia	P	P	P	Cs	P	P	P	P	P			P	X	X
* Ethiopia												P	X	
* Fiji			P	Cs										
* Finland	P		Pr	Cs	P	Pr	P	P	P				X	X
* France			Pr	Cs	Pr	Pr	S	P	P				X	X
* Gabon			P	Cs	P	P			P			P		
Gambia														
* Georgia			P	Cs	P				P			P		
* Germany	Pr		Pr	Cs	Pr	Pr	P	P	P				X	X
* Ghana	P		P	Cs				P	P			P		
* Greece	P		Pr	Cs	Pr	Pr	P	P	P			P	X	X
Grenada			P											
* Guatemala			Pr		P	P						P		
Guinea			P											
Guinea-Bissau			P											
Guyana			P											
* Haiti			S									P		
* Holy See	P				S	S							X	X
* Honduras			P									P		
* Hungary	Pr	P	P	Cs	P	P	P	P	P	S		P	X	X
* Iceland	P		P		P	P		P	P			P	X	X
* India	P		Pr	Cs	Pr	Pr		P			S			
* Indonesia	Pr		Pr	Cs	Pr	Pr		P	P	S	S	P		
* Iran, Islamic Republic of	P				Pr	Pr						P		X
* Iraq	P				Pr	Pr						P		

Table A7. Participation in multilateral treaties for which the Director General is depositary, conclusion of Revised Supplementary Agreements and acceptance of amendments to Articles VI and XIV.A of the Agency's Statute (status as of 31 December 2013) (cont.)

State/Organization	P&I	VC	CPPNM	CPPNMAM	ENC	AC	JP	NS	RADW	PAVC	CSC	RSA	VI	XIV.A
* Ireland	P		Pr		P	Pr		P	P			P	X	X
* Israel		Sr	Pr	Csr	Pr	Pr		S				P		
* Italy	Pr		Pr		Pr	Pr	P	P	P	S	S		X	X
* Jamaica	P		P									P		
* Japan	P		P		P	Pr		P	Pr				X	X
* Jordan	Pr		Pr	Cs	P	P		P				P		
* Kazakhstan	P	P	P	Cs	P	P		P	P	P		P		
* Kenya			P	Cs								P		X
Kiribati														
* Korea, Republic of	Pr		Pr		P	Pr		P	P			P	X	X
* Kuwait	P		Pr		P	P		P				P		
* Kyrgyzstan									P			P		
* Lao People's Democratic Republic			Pr		P	P								
* Latvia	P	P	P	Cs	P	P	P	P	P	P		P	X	X
* Lebanon		P	P		P	P		P	S	S	S	P		
* Lesotho			P	Cs	P	P						P		
* Liberia														
* Libya			P	Cs	P	P		P				P	X	
* Liechtenstein			P	Cs	P	P							X	X
* Lithuania	P	P	P	Cs	P	P	P	P	P	S	S	P	X	X
* Luxembourg	Pr		Pr	Cs	P	P		P	P				X	X
* Madagascar			P									P		
* Malawi												P		
* Malaysia					Pr	Pr						P		
Maldives														
* Mali			P	Cs	P	P		P				P		
* Malta			P	Cs				P	P			P	X	X

Table A7. Participation in multilateral treaties for which the Director General is depositary, conclusion of Revised Supplementary Agreements and acceptance of amendments to Articles VI and XIV.A of the Agency's Statute (status as of 31 December 2013) (cont.)

State/Organization	P&I	VC	CPPNM	CPPNMAM	ENC	AC	JP	NS	RADW	PAVC	CSC	RSA	VI	XIV.A
* Marshall Islands			P											
* Mauritania			P	Cs	P	P			P			P		
* Mauritius	P	P			Pr	Pr			P		S	P		
* Mexico	Pr	P	P	Cs	P	P		P				P	X	X
Micronesia														
* Monaco			P		Pr	Pr		S					X	X
* Mongolia	P		P		P	P						P		
* Montenegro	P	P	P		P	P			P	P		P		
* Morocco	Pr	S	P		P	P	S	S	P	P	Cs	P	X	
* Mozambique	P		Pr		P	P						P		
* Myanmar					Pr							P	X	X
* Namibia			P									P		
Nauru			P	Cs										
* Nepal												P		
* Netherlands	P		Pr	Cs	Pr	Pr	P	P	P				X	X
* New Zealand	P		P		P	Pr								
* Nicaragua	P		P		Pr	Pr		S				P		
* Niger	P	P	P	Cs	S	S						P		
* Nigeria	P	P	P	Cs	P	P		P	P			P		
Niue			P											
* Norway	P		Pr	Cs	P	Pr	P	P	P				X	X
* Oman	Pr		Pr		Pr	Pr		P	P			P		
* Pakistan	Pr		Pr		Pr	Pr		P				P	X	X
* Palau	P		P									P		
* Panama			P		P	P						P	X	
* Papua New Guinea														
* Paraguay			P		P	P						P		

Table A7. Participation in multilateral treaties for which the Director General is depositary, conclusion of Revised Supplementary Agreements and acceptance of amendments to Articles VI and XIV.A of the Agency's Statute (status as of 31 December 2013) (cont.)

State/Organization	P&I	VC	CPPNM	CPPNMAM	ENC	AC	JP	NS	RADW	PAVC	CSC	RSA	VI	XIV.A
* Peru		P	Pr		Pr	Pr		P	S	S	S	P	X	X
* Philippines	P	P	P		P	P	S	S	S	S	S	P		
* Poland	P	P	P	Cs	P	P	P	P	P	P		P	X	X
* Portugal	Pr		Pr	Cs	P	P	S	P	P			P	X	X
* Qatar			Pr		P	P						P		
* Republic of Moldova	Pr	P	P	Cs	P	P		P	Pr			P		
* Romania	Pr	P	Pr	Cs	Pr	Pr	P	P	P	P	Cs	P	X	X
* Russian Federation	Pr	P	P	Cs	Pr	Pr		P	P					
* Rwanda			P											
St Kitts and Nevis			P											
Saint Lucia			Pr	Cs										
St Vincent and the Grenadines		P			P	P	P							
Samoa														
San Marino														
São Tomé and Príncipe														
* Saudi Arabia		P	Pr	Cs	Pr	Pr		P	P	Pr		P		
* Senegal	P	P	P		P	P		P	P		S	P		
* Serbia	P	P	P		P	P						P		
* Seychelles			P	Cs								P		X
* Sierra Leone					S	S						P		
* Singapore	Pr				P	P		P				P		
* Slovakia	P	P	P	Cs	Pr	Pr	P	P	P			P	X	X
* Slovenia	P		P	Cs	P	P	P	P	P			P	X	X
Solomon Islands														
Somalia														
* South Africa	Pr		Pr		Pr	Pr		P	P			P	X	X
* Spain	P	S	Pr	Cs	Pr	Pr	S	P	P			P	X	X

Table A7. Participation in multilateral treaties for which the Director General is depositary, conclusion of Revised Supplementary Agreements and acceptance of amendments to Articles VI and XIV.A of the Agency's Statute (status as of 31 December 2013) (cont.)

State/Organization	P&I	VC	CPPNM	CPPNMAM	ENC	AC	JP	NS	RADW	PAVC	CSC	RSA	VI	XIV.A
* Sri Lanka					Pr	Pr		P				P		
* Sudan			P		S	S		S				P		
Suriname														
Swaziland			P											
* Sweden	P		Pr	Cs	P	Pr	P	P	P				X	X
* Switzerland	Pr		Pr	Cs	P	P	S	P	P				X	X
* Syrian Arab Republic	P				S	S		S				P		X
* Tajikistan	P		P		P	P			P			P		
* Thailand	Pr				Pr	Pr						P		
* The fYR of Macedonia		P	P	Cs	P	P		P	P			P		
Timor Leste														
* Togo			P											
Tonga			P											
* Trinidad and Tobago		P	P											
* Tunisia	P		P	Cs	P	P		P				P	X	X
* Turkey	Pr		Pr		Pr	Pr	P	P				P	X	X
Turkmenistan			P	Cs										
Tuvalu														
* Uganda			P									P		
* Ukraine	Pr	P	P	Cs	Pr	Pr	P	Pr	P	S	S	P	X	X
* United Arab Emirates			P	Cs	Pr	Pr	P	P	P	Pr		P		
* United Kingdom	P	S	Pr	Cs	Pr	Pr	S	P	P				X	X
* United Republic of Tanzania			P		P	P						P		
* USA			P		Pr	Pr		P	P		Csr			
* Uruguay		P	P		P	P	P	P	P			P	X	
* Uzbekistan			P	Cs					P			P		
Vanuatu														

Table A7. Participation in multilateral treaties for which the Director General is depositary, conclusion of Revised Supplementary Agreements and acceptance of amendments to Articles VI and XIV.A of the Agency's Statute (status as of 31 December 2013) (cont.)

State/Organization	P&I	VC	CPPNM	CPPNMAM	ENC	AC	JP	NS	RADW	PAVC	CSC	RSA	VI	XIV.A
* Venezuela												P		
* Viet Nam	P		Pr	Cs	Pr	Pr		P				P		
* Yemen			P											
* Zambia													P	
* Zimbabwe					S	S						P		
Euratom			Pr		Pr	Pr		Pr	P					
FAO					Pr	Pr								
WHO					Pr	Pr								
WMO					Pr	Pr								

P&I Agreement on the Privileges and Immunities of the IAEA

VC Vienna Convention on Civil Liability for Nuclear Damage

CPPNM Convention on the Physical Protection of Nuclear Material

CPPNM-AM Amendment to the Convention on the Physical Protection of Nuclear Material (not yet in force)

ENC Convention on Early Notification of a Nuclear Accident

AC Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency

JP Joint Protocol Relating to the Application of the Vienna Convention and the Paris Convention

NS Convention on Nuclear Safety

RADW Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management

PAVC Protocol to Amend the Vienna Convention on Civil Liability for Nuclear Damage

CSC Convention on Supplementary Compensation for Nuclear Damage (not yet in force)

RSA Revised Supplementary Agreement Concerning the Provision of Technical Assistance by the IAEA

VI Acceptance of Amendment to Article VI of the IAEA Statute

XIV.A Acceptance of Amendment to Article XIV.A of the IAEA Statute

* Agency Member State

P Party

S Signatory

r Existing reservation/declaration

CS Contracting State

X Accepting State

Table A8. Conventions negotiated and adopted under the auspices of the Agency and/or for which the Director General is the depositary (status and relevant developments)

Agreement on the Privileges and Immunities of the IAEA (reproduced in INFCIRC/9/Rev. 2). In 2013, 1 State adhered to the Agreement. By the end of the year, there were 84 Parties.

Vienna Convention on Civil Liability for Nuclear Damage (reproduced in INFCIRC/500). Entered into force on 12 November 1977. In 2013, 1 State adhered to the Convention. By the end of the year, there were 39 Parties.

Optional Protocol Concerning the Compulsory Settlement of Disputes (reproduced in INFCIRC/500/Add.3). Entered into force on 13 May 1999. In 2013, the status remained unchanged with 2 Parties.

Convention on the Physical Protection of Nuclear Material (reproduced in INFCIRC/274/Rev.1). Entered into force on 8 February 1987. In 2013, the number of Parties remained unchanged at 148 Parties.

Amendment to the Convention on the Physical Protection of Nuclear Material. Adopted on 8 July 2005. In 2013, 10 States adhered to the Amendment, bringing the total to 71 Contracting States.

Convention on Early Notification of a Nuclear Accident (reproduced in INFCIRC/335). Entered into force on 27 October 1986. In 2013, 3 States became Parties to the Convention. By the end of the year, there were 117 Parties.

Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (reproduced in INFCIRC/336). Entered into force on 26 February 1987. In 2013, 3 States became Parties to the Convention. By the end of the year, there were 111 Parties.

Joint Protocol Relating to the Application of the Vienna Convention and the Paris Convention (reproduced in INFCIRC/402). Entered into force on 27 April 1992. In 2013, the status of the Protocol remained unchanged with 27 Parties.

Convention on Nuclear Safety (reproduced in INFCIRC/449). Entered into force on 24 October 1996. In 2013, 1 State became a Party to the Convention. By the end of the year, there were 76 Parties.

Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (reproduced in INFCIRC/546). Entered into force on 18 June 2001. In 2013, 4 States became Parties to the Convention. By the end of the year, there were 68 Parties.

Protocol to Amend the Vienna Convention on Civil Liability for Nuclear Damage (reproduced in INFCIRC/566). Entered into force on 4 October 2003. In 2013, 1 State became a Party to the Protocol. By the end of the year, there were 11 Parties.

Convention on Supplementary Compensation for Nuclear Damage (reproduced in INFCIRC/567). Opened for signature on 29 September 1997. In 2013, 2 States signed the Convention. By the end of the year, there were 4 Contracting States and 17 Signatories.

Revised Supplementary Agreement Concerning the Provision of Technical Assistance by the IAEA (RSA). In 2013, 1 State concluded a RSA. By the end of the year, there were 121 States party to a RSA Agreement.

Fifth Agreement to Extend the 1987 Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology (RCA) (reproduced in INFCIRC/167/Add.23). Entered into force on 31 August 2011 with effect from 12 June 2012. In 2013, 2 States became Parties to the Agreement. By the end of the year, there were 14 Parties.

African Regional Co-operative Agreement for Research, Development and Training Related to Nuclear Science and Technology (AFRA) (Fourth Extension) (reproduced in INFCIRC/377). Entered into force on 4 April 2010. In 2013, 1 State became a Party to the Agreement. By the end of the year, there were 35 Parties.

Co-operation Agreement for the Promotion of Nuclear Science and Technology in Latin America and the Caribbean (ARCAL) (reproduced in INFCIRC/582). Entered into force on 5 September 2005. In 2013, the status remained unchanged with 21 Parties.

Co-operative Agreement for Arab States in Asia for Research, Development and Training Related to Nuclear Science and Technology (ARASIA) (First Extension) (reproduced in INFCIRC/613/Add.2). Entered into force on 29 July 2008. In 2013, the status remained unchanged with 9 Parties.

Agreement on the Establishment of the ITER International Fusion Energy Organization for the Joint Implementation of the ITER Project (reproduced in INFCIRC/702). Entered into force on 24 October 2007. In 2013, the status remained unchanged with 7 Parties.

Agreement on the Privileges and Immunities of the ITER International Fusion Energy Organization for the Joint Implementation of the ITER Project (reproduced in INFCIRC/703). Entered into force on 24 October 2007. In 2013, the status remained unchanged with 6 Parties.

**Table A9. Nuclear power reactors in operation and under construction in the world
(as of 31 December 2013)^a**

Country	Reactors in operation		Reactors under construction		Nuclear electricity supplied in 2013		Total operating experience through 2013	
	No. of units	Total MW(e)	No. of units	Total MW(e)	TW-h	% of total	Years	Months
Argentina	2	935	1	692	5.7	4.4	70	7
Armenia	1	375			2.2	29.2	39	8
Belarus			1	1 109				
Belgium	7	5 927			40.6	52.1	261	7
Brazil	2	1 884	1	1 245	13.8	2.8	45	3
Bulgaria	2	1 906			13.3	30.7	155	3
Canada	19	13 500			94.3	16.0	655	7
China	20	15 977	29	28 774	104.8	2.1	160	0
Czech Republic	6	3 884			29.0	35.9	134	10
Finland	4	2 752	1	1 600	22.7	33.3	139	4
France	58	63 130	1	1 630	405.9	73.3	1 932	4
Germany	9	12 068			92.1	15.4	799	1
Hungary	4	1 889			14.5	50.7	114	2
India	21	5 308	6	3 907	30.0	3.5	397	6
Iran, Islamic Republic of	1	915			3.9	1.5	2	4
Japan	48	42 388	2	1 325	13.9	1.7	1 646	4
Korea, Republic of	23	20 721	5	6 370	132.5	27.6	427	1
Mexico	2	1 330			11.4	4.6	43	11
Netherlands	1	482			2.7	2.8	69	0
Pakistan	3	690	2	630	4.4	4.4	58	8
Romania	2	1 300			10.7	19.8	23	11
Russian Federation	33	23 643	10	8 382	161.7	17.5	1 124	2
Slovakia	4	1 815	2	880	14.6	51.7	148	7
Slovenia	1	688			5.0	33.6	32	3
South Africa	2	1 860			13.6	5.7	58	3
Spain	7	7 121			54.3	19.7	301	1
Sweden	10	9 474			63.7	42.7	412	6
Switzerland	5	3 308			25.0	36.4	194	11
Ukraine	15	13 107	2	1 900	78.2	43.6	428	6
United Arab Emirates			2	2 690				
United Kingdom	16	9 243			64.1	18.3	1 527	7
United States of America	100	99 081	4	5 633	790.2	19.4	3 912	4
Total^{b, c}	434	371 733	72	69 367	2 358.9		15 660	7

^a Data are from the Agency's Power Reactor Information System (PRIS) (<http://www.iaea.org/pris>)

^b Note: The total figures include the following data from Taiwan, China:

6 units, 5032 MW(e) in operation; 2 units, 2600 MW(e) under construction;

39.8 TW-h of nuclear electricity generation, representing 19.1% of the total electricity generated.

^c The total operating experience also includes shut down plants in Italy (80 years, 8 months), Kazakhstan (25 years, 10 months), Lithuania (43 years, 6 months) and Taiwan, China (194 years, 1 month).

Table A10. Emergency Preparedness Review (EPREV) missions in 2013

Type	Country
EPREV	Jordan

Table A11. Integrated Regulatory Review Service (IRRS) missions in 2013

Type	Country
IRRS	Belgium
IRRS	Bulgaria
IRRS	Czech Republic
IRRS	Poland
IRRS follow-up	Russian Federation
IRRS follow-up	United Kingdom

Table A12. Operational Safety Review Team (OSART) missions in 2013

Type	Location/nuclear power plant	Country
OSART follow-up	Yerevan	Armenia
OSART follow-up	Hongyanhe	China
OSART follow-up	Dukovany	Czech Republic
OSART corporate	Prague, ČEZ company	Czech Republic
OSART follow-up	Cattenom	France
OSART	Chooz	France
OSART follow-up	Smolensk	Russian Federation
OSART follow-up	Koeberg	South Africa
OSART follow-up	Seabrook	United States of America
OSART limited scope corporate	Slovenske Elektrarne	Slovakia

Table A13. Integrated Safety Assessment of Research Reactors (INSARR) missions in 2013

Type	Location/nuclear power plant	Country
INSARR	Tel Aviv, IRR-1 reactor	Israel
INSARR	Pavia, TRIGA reactor	Italy
INSARR follow-up	Pitești	Romania
INSARR	Pretoria, SAFARI-1 reactors	South Africa

Table A14. Safety expert missions for research reactors based on the INSARR methodology in 2013

Type	Country
Expert mission	Bangladesh, Congo, Egypt, Ghana, Indonesia, Islamic Republic of Iran, Jordan, Morocco, Poland, Thailand, Uzbekistan

Table A15. Safety Aspects of Long Term Operation of Water Moderated Reactors Peer Review Service (SALTO) missions in 2013

Type	Location/nuclear power plant	Country
SALTO	Angra 1	Brazil
SALTO	Armenian Nuclear Power Plant	Armenia
SALTO follow-up	Paks	Hungary

Table A16. Design and Safety Assessment Review Service (DSARS) missions in 2013

Type	Location/nuclear power plant	Country
GRSR	AES 2006	Russian Federation
GRSR	ACPR1000+ conceptual design	China
IPSART	Kozloduy	Bulgaria
IPSART follow-up	Borssele	Netherlands
RAMP	Laguna Verde	Mexico
SAAP	Putra Jaya	Malaysia

Table A17. Education and Training Review Service (ETRES) missions in 2013

Type	Country
ETRES	Pakistan

Table A18. Site and External Events Design (SEED) missions in 2013

Type	Location/nuclear power plant	Country
SEED	Temelin	Czech Republic
SEED	Amman	Jordan
SEED	Ust-Kamenogorsk, LEU bank	Kazakhstan

Table A19. Site safety expert missions in 2013

Type	Country
Expert mission	Poland, Sri Lanka, Turkey

Table A20. Occupational Radiation Protection Appraisal Service (ORPAS) missions in 2013

Type	Country
Pre-ORPAS	Peru, United Republic of Tanzania, Venezuela

Table A21. Advisory missions in 2013

Type	Country
Regulatory infrastructure and control of sources	Benin, Bosnia and Herzegovina, Haiti, Kyrgyzstan, Montenegro, Nepal, Qatar, Sierra Leone, Tajikistan
Remediation	Kyrgyzstan

Table A22. International Nuclear Security Advisory Service (INSServ) missions in 2013

Type	Country
Detection and Response Systems and Measures	Albania, Chile, Tunisia
Institutional Infrastructure	Chile
Nuclear Security at Major Public Events	Belarus, Cambodia, Malaysia, Sri Lanka, Zambia, Zimbabwe

Table A23. International Physical Protection Advisory Service (IPPAS) missions in 2013

Type	Country
IPPAS	Australia, Hungary, United States of America, IAEA Laboratories (Seibersdorf)