

Table A5. Facilities under Agency Safeguards or Containing Safeguarded Material on 31 December 2005

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
Power reactors				
Argentina	Atucha NPP ^c	1	Lima	—
	Embalse NPP ^c	1	Embalse	—
Armenia	Armenia NPP ^c	2	Medzamor	x
Belgium	DOEL-1	2	Doel	x
	DOEL-3	1	Doel	x
	DOEL-4	1	Doel	x
	Tihange-1	1	Tihange	x
	Tihange-2	1	Tihange	x
	Tihange-3	1	Tihange	x
Brazil	Admiral Alvaro Alberto (Angra-1)	1	Angra dos Reis	x
	Admiral Alvaro Alberto (Angra-2)	1	Angra dos Reis	x
Bulgaria	Kozloduy-I	2	Kozloduy	x
	Kozloduy-II	2	Kozloduy	x
	Kozloduy-III	2	Kozloduy	x
Canada	Bruce A	4	Tiverton	x
	Bruce B	4	Tiverton	x
	Darlington N.G.S.	4	Bowmanville	x
	Gentilly-2	1	Gentilly	x
	Pickering G.S.	8	Pickering	x
	Point Lepreau G.S.	1	Point Lepreau	x
China	QSNPP	1	Hai Yan	x
Czech Republic	EDU-1	2	Dukovany	x
	EDU-2	2	Dukovany	x
	Temelin	2	Temelin	x
Democratic People's Republic of Korea	Nyongbyon-1	1	Nyongbyon	—
Finland	Loviisa	2	Loviisa	—
	TVO I	1	Olkiluoto	—
	TVO II	1	Olkiluoto	—
Germany	AVR	1	Jülich	—
	KWG Grohnde	1	Grohnde	x
	GKN-2	1	Neckarwestheim	x
	GKN Neckarwestheim	1	Neckarwestheim	x
	RWE Biblis-A	1	Biblis	x
	RWE Biblis-B	1	Biblis	x
	KBR Brokdorf	1	Brokdorf	x
	KKB Brunsbüttel	1	Brunsbüttel	x
	KKE Emsland	1	Lingen	x
	KKG Grafenrheinfeld	1	Grafenrheinfeld	x
	KKI Isar-Ohu	1	Ohu bei Landshut	x
	KKI Isar-2	1	Essenbach	x
	KKK Krümmel	1	Geesthacht	x
	KWO Obrigheim	1	Obrigheim	x
	KKP Philippsburg-1	1	Philippsburg	x

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
	KKP Philippsburg-2	1	Philippsburg	x
	KRB II Gundremmingen B	1	Gundremmingen	x
	KRB II Gundremmingen C	1	Gundremmingen	x
	KKU Unterweser	1	Unterweser	x
	HKG-THTR 300	1	Hamm	x
	KKW Greifswald 1	1	Lubmin	—
	KKW Greifswald 2	1	Lubmin	—
Hungary	PAKS-I	2	Paks	x
	PAKS-II	2	Paks	x
India	RAPS	2	Rajasthan	x
	TAPS	2	Tarapur	x
	KKNP	2	Kudankulam	—
Italy	ENEL-Latina	1	Borgo-Sabotino	x
	ENEL-Caorso	1	Caorso	x
	ENEL-Trino	1	Trino-Vercellese	x
Japan	Fugen	1	Tsuruga-shi, Fukui-ken	x
	Fukushima Dai-Ichi-1	1	Futaba-gun, Fukushima-ken	x
	Fukushima Dai-Ichi-2	1	Futaba-gun, Fukushima-ken	x
	Fukushima Dai-Ichi-3	1	Futaba-gun, Fukushima-ken	x
	Fukushima Dai-Ichi-4	1	Futaba-gun, Fukushima-ken	x
	Fukushima Dai-Ichi-5	1	Futaba-gun, Fukushima-ken	x
	Fukushima Dai-Ichi-6	1	Futaba-gun, Fukushima-ken	x
	Fukushima Dai-Ni-1	1	Futaba-gun, Fukushima-ken	x
	Fukushima Dai-Ni-2	1	Futaba-gun, Fukushima-ken	x
	Fukushima Dai-Ni-3	1	Futaba-gun, Fukushima-ken	x
	Fukushima Dai-Ni-4	1	Futaba-gun, Fukushima-ken	x
	Genkai-1	1	Higashimatsura-gun, Saga-ken	x
	Genkai-2	1	Higashimatsura-gun, Saga-ken	x
	Genkai-3	1	Higashimatsura-gun, Saga-ken	x
	Genkai-4	1	Higashimatsura-gun, Saga-ken	x
	Hamaoka-1	1	Ogasa-gun, Shizuoka-ken	x
	Hamaoka-2	1	Ogasa-gun, Shizuoka-ken	x
	Hamaoka-3	1	Ogasa-gun, Shizuoka-ken	x
	Hamaoka-4	1	Ogasa-gun, Shizuoka-ken	x
	Hamaoka-5	1	Ogasa-gun, Shizuoka-ken	—
	Ikata-1	1	Nishiuwa-gun, Ehime-ken	x
	Ikata-2	1	Nishiuwa-gun, Ehime-ken	x
	Ikata-3	1	Nishiuwa-gun, Ehime-ken	x
	Joyo	1	Higashi-gun, Ibaraki-ken	x
	Kashiwazaki-1	1	Kashiwazaki-shi, Niigata-ken	x
	Kashiwazaki-2	1	Kashiwazaki-shi, Niigata-ken	x
	Kashiwazaki-3	1	Kashiwazaki-shi, Niigata-ken	x
	Kashiwazaki-4	1	Kashiwazaki-shi, Niigata-ken	x
	Kashiwazaki-5	1	Kashiwazaki-shi, Niigata-ken	x
	Kashiwazaki-6	1	Kashiwazaki-shi, Niigata-ken	x
	Kashiwazaki-7	1	Kashiwazaki-shi, Niigata-ken	x

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
	Mihama-1	1	Mikata-gun, Fukui-ken	x
	Mihama-2	1	Mikata-gun, Fukui-ken	x
	Mihama-3	1	Mikata-gun, Fukui-ken	x
	Monju	1	Tsuruga-shi, Fukui-ken	x
	Ohi-1 and 2	2	Ohi-gun, Fukui-ken	x
	Ohi-3	2	Ohi-gun, Fukui-ken	x
	Ohi-4	2	Ohi-gun, Fukui-ken	x
	Onagawa-1	1	Oshika-gun, Miyaki-ken	x
	Onagawa-2	1	Oshika-gun, Miyaki-ken	x
	Onagawa-3	1	Oshika-gun, Miyaki-ken	x
	Sendai-1	1	Sendai-shi, Kagoshima-ken	x
	Sendai-2	1	Sendai-shi, Kagoshima-ken	x
	Shika	1	Hakui-gun, Ishikawa-ken	x
	Shimane-1	1	Yatsuka-gun, Shimane-ken	x
	Shimane-2	1	Yatsuka-gun, Shimane-ken	x
	Takahama-1	1	Ohi-gun, Fukui-ken	x
	Takahama-2	1	Ohi-gun, Fukui-ken	x
	Takahama-3	1	Ohi-gun, Fukui-ken	x
	Takahama-4	1	Ohi-gun, Fukui-ken	x
	Tokai-2	1	Tokai-Mura, Ibaraki-ken	x
	Tomari-1	1	Furuu-gun, Hokkaido	x
	Tomari-2	1	Furuu-gun, Hokkaido	x
	Tsuruga-1	1	Tsuruga-shi, Fukui-ken	x
	Tsuruga-2	1	Tsuruga-shi, Fukui-ken	x
Kazakhstan	BN-350	1	Aktau	—
Korea, Republic of	Kori-1	1	Pusan	x
	Kori-2	1	Pusan	x
	Kori-3	1	Pusan	x
	Kori-4	1	Pusan	x
	Ulchin-1	1	Ulchin	x
	Ulchin-2	1	Ulchin	x
	Ulchin-3	1	Ulchin	x
	Ulchin-4	1	Ulchin	x
	Ulchin-5	1	Ulchin	x
	Ulchin-6	1	Ulchin	—
	Wolsong-1	1	Kyongju	x
	Wolsong-2	1	Kyongju	x
	Wolsong-3	1	Kyongju	x
	Wolsong-4	1	Kyongju	x
	Younggwang-1	1	Younggwang	x
	Younggwang-2	1	Younggwang	x
	Younggwang-3	1	Younggwang	x
	Younggwang-4	1	Younggwang	x
	Younggwang-5	1	Younggwang	x
	Younggwang-6	1	Younggwang	x
Lithuania	Ignalina NPP	2	Visaginas	x

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force	
Mexico	Laguna Verde 1	1	Alto Lucero	x	
	Laguna Verde 2	1	Alto Lucero	x	
Netherlands	Borssele	1	Borssele	x	
	Dodewaard NPP	1	Dodewaard	x	
Pakistan	KANUPP	1	Karachi	x	
	Chasnupp-1	1	Kundian	—	
Romania	Cernavoda-1	1	Cernavoda	x	
Slovakia	EMO-1	2	Mochovce	—	
	V-1	2	Bohunice	x	
	V-2	2	Bohunice	x	
Slovenia	Krško	1	Krško	x	
South Africa	Koeberg-1	1	Cape Town	x	
	Koeberg-2	1	Cape Town	x	
Spain	Almaraz-1	1	Almaraz	x	
	Almaraz-2	1	Almaraz	x	
	Asco-1	1	Asco	x	
	Asco-2	1	Asco	x	
	Cofrentes	1	Cofrentes	x	
	José Cabrera	1	Almonazid de Zorita	x	
	Santa María de Garona	1	Santa María de Garona	x	
	Trillo-1	1	Trillo	x	
	Vandellos 1	1	Vandellos	—	
	Vandellos 2	1	Vandellos	x	
	Sweden	Barsebäck 1	1	Malmö	—
		Barsebäck 2	1	Malmö	—
		Forsmark 1	1	Uppsala	—
		Forsmark 2	1	Uppsala	—
Forsmark 3		1	Uppsala	—	
Oskarshamn 1		1	Oskarshamn	—	
Oskarshamn 2		1	Oskarshamn	—	
Oskarshamn 3		1	Oskarshamn	—	
Ringhals 1		1	Göteborg	—	
Ringhals 2		1	Göteborg	—	
Ringhals 3		1	Göteborg	—	
Ringhals 4		1	Göteborg	—	
Switzerland		KKB Beznau I	1	Beznau	x
		KKB Beznau II	1	Beznau	x
	KKG Gösgen	1	Gösgen-Däniken	x	
	KKL Leibstadt	1	Leibstadt	x	
	KKM Mühleberg	1	Mühleberg	x	
Ukraine	Chernobyl NPP	3	Chernobyl	—	
	Khmelnitski 1	1	Neteshin	—	
	Khmelnitski 2	1	Neteshin	—	
	Rovno 1 and 2	2	Kuznetsovsk	—	
	Rovno 3	1	Kuznetsovsk	—	
Rovno 4	1	Kuznetsovsk	—		

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
	South Ukraine 1	1	Yuzhnoukrainsk	—
	South Ukraine 2	1	Yuzhnoukrainsk	—
	South Ukraine 3	1	Yuzhnoukrainsk	—
	Zaporozhe 1	1	Energodar	—
	Zaporozhe 2	1	Energodar	—
	Zaporozhe 3	1	Energodar	—
	Zaporozhe 4	1	Energodar	—
	Zaporozhe 5	1	Energodar	—
	Zaporozhe 6	1	Energodar	—
Research reactors and critical assemblies				
Algeria	NUR Reactor	1	Algiers	—
	Es Salam research reactor	1	Ain Oussera	—
Argentina	Argentine reactor-1	1	Constituyentes	x
	Argentine reactor-3	1	Ezeiza	x
	Argentine reactor-4	1	Rosario	x
	Argentine reactor-6	1	Bariloche	x
	Argentine reactor-0	1	Córdoba	x
	Argentine reactor-8	1	Pilcaniyeu	x
Australia	HIFAR	1	Lucas Heights	x
	MOATA	1	Lucas Heights	x
	OPAL	1	Lucas Heights	x
Austria	ASTRA	1	Seibersdorf	x
	Siemens Argonaut Reactor	1	Graz	—
	Triga II	1	Vienna	—
Bangladesh	At. Energy Res. Est.	1	Dhaka	x
Belarus	Sosny	1	Minsk	—
Belgium	BR1-CEN	1	Mol	x
	BR2-CEN-BRO2	2	Mol	x
	CEN-Venus	1	Mol	x
	Thetis	1	Gent	x
Brazil	IEA-R1	1	São Paulo	—
	RIEN-1 Argonaut RR	1	Rio de Janeiro	x
	IPR-RI-CDTN	1	Belo Horizonte	x
	IPEN Critical assembly	1	São Paulo	x
Bulgaria	IRT-2000	1	Sofia	x
Canada	Biology, Chemistry, Physics	2	Chalk River	x
	McMaster	1	Hamilton	x
	NRU	1	Chalk River	x
	NRX	1	Chalk River	x
	Slowpoke-Dalhousie Univ.	1	Halifax	x
	Slowpoke-Ecole Polytechnique	1	Montreal	x
	Slowpoke-Kingston	1	Kingston	x
	Slowpoke-Saskatchewan	1	Saskatoon	x
	Slowpoke-Univ. of Alberta	1	Edmonton	x
	DIF	1	Chalk River	—

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
Chile	La Reina	1	Santiago	x
	Lo Aguirre	1	Santiago	x
China	HTGR	1	Nankou	—
Colombia	IAN-R1	1	Bogotá	x
Czech Republic	LR-O	1	Řež	x
	Univ. Training Reactor VR-1P	1	Prague	x
	VVR-S	1	Řež	x
Democratic People's Republic of Korea	Critical Assembly		Bungang-Ri, Nyongbyon	
	IRT	1	Bungang-Ri, Nyongbyon	x
Democratic Republic of the Congo	Triga II	1	Kinshasa	x
Egypt	RR-I	1	Inshas	x
	MPR	1	Inshas	—
Estonia	Paldiski reactor	1	Paldiski	—
Finland	FIR 1	1	Espoo	—
Germany	BER-2	1	Berlin	x
	FH-Furtwangen	1	Furtwangen	x
	FRM	1	Garching	x
	FRM-II	1	Garching	—
	GKSS-FRG1&FRG2	2	Geesthacht	x
	KFA-FRJ2	1	Jülich	x
	SUR 100	1	Hannover	x
	SUR 100 (FHK)	1	Kiel	x
	SUR 100 (FHU)	1	Ulm	x
	SUR 100 (UNIV)	1	Stuttgart	x
	SUR 100 (TUB)	1	Berlin	x
	SUR 100 (RWTH)	1	Aachen	x
	Tech. Univ. AKR	1	Dresden	x
	Tech. Hochschule ZLR	1	Zittau	x
	Triga	1	Mainz	x
Ghana	GHARR-1	1	Legon-Accra	x
Greece	GRR-1	1	Attiki	x
Hungary	Training reactor	1	Budapest	x
	WWR-S M 10	1	Budapest	x
Indonesia	PPNY	1	Yogyakarta	x
	RSG-GAS	1	Serpong	x
	P3TN	1	Bandung	x
Iran, Islamic Republic of	TRR	1	Tehran	x
	HWZPR	1	Esfahan	x
	MNSR	1	Esfahan	x
	LWSCR	1	Esfahan	x
Israel	IRR-1	1	Soreq	x
Italy	AGN-201	1	Palermo	x
	RTS-1	1	San Piero a Grado	x
	TAPIRO	1	Santa Maria di Galeria	x

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
	Triga-RC1	1	Santa Maria di Galeria	x
	Triga-2	1	Pavia	x
Jamaica	Centre for Nucl. Sciences	1	Kingston	x
Japan	DCA	1	Oarai-machi, Ibaraki-ken	x
	FCA	1	Tokai-Mura, Ibaraki-ken	x
	HTR	1	Kawasaki-shi, Kanagawa-ken	x
	HTTR	1	Higashi-gun, Ibaraki-ken	x
	JMTR	1	Higashi-gun, Ibaraki-ken	x
	JMTRCA	1	Higashi-gun, Ibaraki-ken	x
	JRR-2	1	Tokai-Mura, Ibaraki-ken	x
	JRR-3	1	Tokai-Mura, Ibaraki-ken	x
	JRR-4	1	Tokai-Mura, Ibaraki-ken	x
	Kinki University reactor	1	Higashiosaka-shi, Osaka-fu	x
	KUCA	3	Osaka	x
	KUR	1	Sennan-gun, Osaka	x
	Musashi reactor	1	Kawasaki-shi, Kanagawa-ken	x
	NCA	1	Kawasaki-shi	x
	NSRR	1	Tokai-Mura, Ibaraki-ken	x
	Rikkyo University R.R.	1	Nagasaka, Kanagawa-ken	x
	TCA	1	Tokai-Mura, Ibaraki-ken	x
	TODAI	1	Tokai-Mura, Ibaraki-ken	x
	TTR	1	Kawasaki-shi, Kanagawa-ken	x
	VHTRC	1	Tokai-Mura, Ibaraki-ken	x
Kazakhstan	Kurchatov test reactor	3	Semipalatinsk	—
	WWR-K	1	Almaty	—
Korea, Republic of	Kyunghee Univ.	1	Suwoon	x
	Hanaro	1	Taejon	x
	Triga III	1	Seoul	x
Latvia	IRT	1	Riga	x
Libyan Arab Jamahiriya	IRT reactor	1	Tajura	x
Malaysia	Puspati	1	Bangi, Selangor	x
Mexico	Triga Mark III	1	Ocoyoacac	x
Netherlands	HOR	1	Delft	x
	HFR	1	Petten	x
	LFR	1	Petten	x
Nigeria	NIRR-1	1	Zaria	—
Norway	HBWR-Halden	1	Halden	x
	JEEP-II	1	Kjeller	x
Pakistan	PARR-1	1	Rawalpindi	x
	PARR-2	1	Rawalpindi	x
Peru	RP-0	1	Lima	x
	RP-10	1	Lima	x
Philippines	PRR-1	1	Quezon City, Diliman	x
Poland	Agata and Anna	2	Swierk	x
	Ewa	1	Swierk	x
	Maria	1	Swierk	x
Portugal	RPI	1	Sacavem	x

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
Romania	Triga II	1	Pitești Colibași	x
	VVR-S	2	Magurele	x
Serbia and Montenegro	RA-RB	2	Vinča	x
Slovenia	Triga II	1	Ljubljana	x
South Africa	SAFARI-1	1	Pelindaba	x
Sweden	Studsvik RR	2	Studsvik	—
Switzerland	AGN 211P	1	Basel	x
	Crocus	1	Lausanne	x
	Proteus	1	Würenlingen	x
Syrian Arab Republic	MNSR	1	Damascus	x
Thailand	TRR-1	1	Bangkok	x
Turkey	Çekmece Nuclear Research and Training Centre	1	Istanbul	x
	ITU-TRR Triga Mark II	1	Istanbul	x
Ukraine	Kiev RR	1	Kiev	—
	IR-100 RR	1	Sevastopol	—
Uzbekistan	Photon	1	Tashkent	—
	WWR-SM	1	Tashkent	—
Venezuela	RV-I	1	Altos de Pipe	x
Vietnam	Da Lat Research Reactor	1	Da Lat, Lam Dong	x
Conversion plants, including pilot plants				
Argentina	UF ₆ production facility		Pilcaniyeu	—
	UO ₂ conversion plant		Córdoba	—
Canada	CAMECO		Port Hope	x
	Blind River	1	Blind River, Ontario	x
	Port Hope	1	Port Hope	x
Chile	Lab. exper. de conversión		Santiago	x
Iran, Islamic Republic of	Uranium Chemistry Laboratory	1	Esfahan	—
	UCF	1	Esfahan	—
Japan	JCO		Tokai-Mura, Ibaraki-ken	x
	Ningyo R&D		Tomata-gun, Okayama-kenx	x
	PCDF		Tokai-Mura, Ibaraki-ken	x
Mexico	Fuel fabrication pilot plant		Salazar	x
Romania	UO ₂ powder fabrication plant		Feldioara	—
South Africa	Conversion plant		Pelindaba	x
	HEU-UF ₆ production plant		Pelindaba	x
Sweden	Ranstad Mineral		Ranstad	—
Fuel fabrication plants, including pilot plants				
Algeria	UDEC		Draria Nuclear Site	—
Argentina	Experimental plant		Constituyentes	—
	Fuel fabrication plant		Ezeiza	x
	RR Fuel element fabrication plant		Constituyentes	x
	RR Fuel Fabrication plant		Ezeiza	x
Belgium	BN-MOX		Dessel	x

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
	FBFC		Dessel	x
	FBFC MOX		Dessel	—
Brazil	Fuel fabrication plant		Resende	x
Canada	CRNL fuel fabrication		Chalk River	x
	Fuel fabrication facility		Chalk River	x
	GEC, Inc.		Toronto	x
	GEC, Inc.		Peterborough	x
	Zircatec		Port Hope	x
Chile	UMF		Santiago	x
Democratic People's Republic of Korea	Nuclear fuel fabrication plant		Nyongbyon	—
Egypt	FMPP		Inshas	—
Germany	Adv. Nuclear Fuels		Lingen	x
India	Ceramic fuel fab. assembly area		Hyderabad	x
	EFFP-NFC		Hyderabad	x
Indonesia	Experimental fuel element installation (IEBE)		Serpong	x
	Research reactor fuel element production installation (IPEBRR)		Serpong	x
Iran, Islamic Rep. of	Fuel fabrication lab.		Esfahan	—
Italy	Fabnuc		Bosco Marengo	x
Japan	JNF		Yokosuka-shi, Kanagawa-ken	x
	MNF		Tokai-Mura, Ibaraki-ken	x
	NFI (Kumatori-1)		Sennan-gun, Osaka	x
	NFI (Kumatori-2)		Sennan-gun, Osaka	x
	NFI Tokai		Tokai-Mura, Ibaraki-ken	x
	PFPF		Tokai-Mura, Ibaraki-ken	x
	PFPF		Tokai-Mura, Ibaraki-ken	x
Kazakhstan	Ulbinski Metallurgical Works		Kamenogorsk	—
Korea, Republic of	KNFFP	2	Taejon	x
Romania	Romfuel		Pitești Colibași	x
South Africa	LEU + MTR fuel fabrication	2	Pelindaba	x
	MTR fuel fabrication plant		Pelindaba	x
Spain	ENUSA fuel fabrication plant		Juzbado	—
Sweden	ABB		Västerås	x
Turkey	Nuclear fuel pilot plant		Istanbul	x
Chemical reprocessing plants, including pilot plants				
Democratic People's Republic of Korea	Radiochemical Laboratory		Bungang-Ri, Nyongbyon	—
Germany	WAK		Eggenstein-Leopoldshafen	x
India	PREFRE		Tarapur	x
Italy	EURE		Saluggia	x
	ITREC-Trisaia		Rotondella	x
Japan	Tokai reprocessing plant		Tokai-Mura, Ibaraki-ken	x
	Rokkasho Reprocessing Plant		Kamikita-gun, Aomori-ken	x
<i>In addition, the following R&D facilities and locations are associated with reprocessing technology</i>				
Argentina	Lapep		Buenos Aires	—

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
	<i>Fission products div.</i>		<i>Ezeira</i>	—
<i>Brazil</i>	<i>Reprocessing project</i>		<i>São Paulo</i>	—
<i>Indonesia</i>	<i>RMI</i>		<i>Serpong</i>	—
<i>Japan</i>	<i>SCF</i>		<i>Tokai-Mura, Ibaraki-ken</i>	x
	<i>JAERI Tokai R&D</i>		<i>Tokai-Mura, Ibaraki-ken</i>	x
	<i>JNC Tokai R&D</i>		<i>Tokai-Mura, Ibaraki-ken</i>	x
	<i>Sumitomi Met. Mining</i>		<i>Tokai-Mura, Ibaraki-ken</i>	x
Enrichment plants, including pilot plants				
Argentina	Pilcaniyeu enrichment plant		Pilcaniyeu	—
Brazil	Enrichment laboratory		Ipero	—
	Uranium enrichment pilot plant		São Paulo	—
	Laser spectroscopy lab.		San jose dos Campos	—
China	Shaanxi		Han Zhong	—
Germany	UTA-1		Gronau	x
Japan	Uranium Enrichment Plant		Tomata-gun, Okayama-ken	x
	Rokkasho Enrichment Plant		Kamikita-gun, Aomori-ken	x
	CTF	1	Kitakami-gun, Aomori-ken	x
Iran, Islamic Republic of	PFEP		Natanz	—
Netherlands	URENCO		Almelo	x
United Kingdom	URENCO E22, E23 & A3 plant	3	Capenhurst	x
<i>In addition, the following R&D facilities and locations are associated with enrichment technology:</i>				
<i>Australia</i>	<i>Silex</i>		<i>Lucas Heights</i>	—
<i>Brazil</i>	<i>UF₆ laboratory</i>		<i>Belo Horizonte</i>	—
<i>Germany</i>	<i>Urenco</i>		<i>Jülich</i>	—
<i>Japan</i>	<i>Asahi Chemical Industry</i>		<i>Hyuga-shi, Miyazaki-ken</i>	x
	<i>Hitachi laboratory</i>		<i>Hitachi-shi, Ibaraki-ken</i>	x
	<i>JAERI Tokai R&D</i>		<i>Tokai-Mura, Ibaraki-ken</i>	x
	<i>NDC U-Lab.</i>		<i>Tokai-Mura, Ibaraki-ken</i>	x
	<i>JNC Tokai R&D</i>		<i>Tokai-Mura, Ibaraki-ken</i>	x
	<i>Toshiba R&D Centre</i>		<i>Kawasaki-shi, Kanagawa-ken</i>	x
	<i>CTF</i>		<i>Kitakami-gun, Amori-ken</i>	x
<i>Netherlands</i>	<i>Urenco</i>		<i>Almelo</i>	x
Separate storage facilities				
Argentina	Central store		Ezeiza	x
	Central store		Constituyentes	x
	DUE		Ezeiza	—
	Nuclear material store		Constituyentes	—
	Storage Bunker		Ezeiza	—
Armenia	Dry Spent Fuel Storage		Metsamor	—
Australia	Vault storage		Lucas Heights	x
Belgium	Belgoprocess		Dessel	x
	Elbel		Beveren	—
	Wet Store		Tihange	—

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
Brazil	Aramar stores	2	Ipero	—
	UF ₆ production facility		São Paulo	—
Bulgaria	Long term storage		Kozloduy	x
Canada	Nuclear material		Chalk River	x
	Spent fuel canister store		Chalk River	x
	Douglas Point dry storage		Tiverton	x
	Gentilly-1		Gentilly	x
	Spent fuel storage		Chalk River	x
	Spent Fuel Storage		Chalk River	—
	ACEL Research		Pinawa	x
	PUFDSF		Pickering	x
	WUFDSF		Tiverton	—
Czech Republic	Storage Škoda		Bolevec	x
	HLW store		Řež	—
	ISFS Dukovany		Dukovany	x
Democratic People's Republic of Korea	Nuclear fuel storage		Bungang-Ri, Nyongbyon	—
Denmark	Risø Store		Roskilde	x
	Risø Waste		Roskilde	—
Finland	TVO-KPA store		Olkiluoto	—
France	Cogéma UP2 and UP3	2	La Hague	x
Georgia	Decom. IRT-M		Tbilisi	x
Germany	Bundeslager		Wolfgang	—
	Standort Zwischenlager		Lingen	—
	ANF UF ₆ Lager		Lingen	x
	KFA AVR BL		Jülich	—
	KFA AVR		Jülich	x
	BZA-Ahaus		Ahaus	—
	NCS-Lagerhalle		Hanau	—
	PTB Spaltstofflager		Hanau	—
	Energiewerke Nord GmbH		Lubmin	x
	Energiewerke Nord-ZLN		Lubmin	—
	Transportbehälterlager		Gorleben	—
	TR Halle 87		Rosendorf	—
	Kernmateriallager		Rosendorf	—
Hungary	Central radionuclide store		Budapest	x
	MVDS		Paks	x
India	AFR		Tarapur	x
Indonesia	TC and ISFSF		Serpong	—
Iran, Islamic Republic of	Karaj Waste Storage		Karaj	—
Iraq	Tuwaitha, Location C		Tuwaitha	—
Italy	Compes. deposito		Saluggia	x
	Essor nuclear plant		Ispra	—
	Essor storage		Ispra	x
	Research centre		Ispra	—

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
Japan	KUFFS		Kyoto	x
	Fukushima Dai-Ichi SFS		Futaba-gun, Fukushima-ken	x
Kazakhstan	Ulbinski Thorium Storage		Kamenogorsk	—
	Kurchatov Thorium Storage		Semipalatinsk	—
Korea, Republic of	DUF 4 Conv.		Taejon	—
	NMSF		Taejon	—
Lithuania	Spent Fuel Dry Storage		Visaginas	—
Netherlands	Covra Store		Vlissingen	—
	Habog		Vlissingen	—
Pakistan	Hawks Bay depot		Karachi	x
Portugal	Inst. de Armazenagem		Sacavem	x
Romania	ISFS Cernavoda NPP		Cernavoda	x
Slovakia	AFRS		Bohunice	x
South Africa	Waste storage		Pelindaba	—
	Bulk storage facility		Pelindaba	x
	HEU storage vault		Pelindaba	x
	Thabana pipe store		Pelindaba	x
	Z - Plant		Pelindaba	x
	E - building		Valindaba	—
	Koeberg Castor Storage Facility		Cape Town	x
Spain	Trillo		Trillo	x
Sweden	Central long term storage		Oskarshamn	—
Switzerland	Saphir		Würenlingen	x
	Zwilag		Würenlingen	—
Ukraine	Chernobyl storage		Chernobyl	—
	Zaporoshe SFS		Energodar	—
	Khmelnitski FF Storage		Neteshin	x
	Rovno FF Storage		Kuznetsovsk	x
	South Ukraine FF Storage		Yushnoukrainsk	x
United Kingdom	Zaporoshe FF Storage		Energodar	—
	Special nuclear material store 9		Sellafield	x
United States of America	Thorp Plutonium Store		Sellafield	—
	Pu storage vault		Hanford	—
	Y-12 plant		Oak Ridge	x
	KAMS storage		Savannah River	—
Other facilities				
Algeria	AURES 1		Ain Oussara	—
	Es Salam reactor		Ain Oussara	—
Argentina	Alpha facility		Constituyentes	—
	Experimental UO ₂ plant		Cordoba	—
	Enriched uranium lab		Ezeiza	—
	Fission products div.		Ezeiza	x
	LFR		Buenos Aires	—
	Uranium powder fab. plant		Constituyentes	—
	Triple Altura Lab.		Ezeiza	—

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
	LAPEP		Buenos Aires	
Australia	Research Lab.		Lucas Heights	x
Belgium	IRMM-Geel		Geel	x
	CEN-Labo		Mol	x
	CEN-Waste		Dessel	—
	I.R.E.		Fleurus	x
	CEN-lab. Pu		Mol	x
Brazil	Fuel tech. coord. unit		São Paulo	x
	Isotope laboratory		São Paulo	—
	Metal. uran. project		São Paulo	—
	Nuclear material lab.		Ipero	—
	Nuclear fuel & instr. dev. lab.		São Paulo	—
	Reconversion project		São Paulo	—
	Reprocessing project		São Paulo	x
	Safeguards store		São Paulo	x
Cuba	In Stec	1	Havana	x
Czech Republic	Nuclear Fuel Inst. (UJP)		Zbraslav	x
	Research Laboratories		Řež	x
Democratic People's Republic of Korea	Subcritical assembly		Pyongyang	x
Estonia	Balti ES		Narva	—
Georgia	Subcritical Assembly		Tbilisi	—
	Sukhumi Institute		Sukhumi	—
Germany	KFA-heisse Zellen		Jülich	x
	KFA Lab.		Jülich	x
	Transuran		Eggenstein-Leopoldshafen	x
Hungary	Institute of Isotopes		Budapest	x
Indonesia	RMI		Serpong	x
Iran, Islamic Republic of	JHL		Tehran	—
Italy	CNEN-LAB. PU.		Santa Maria di Galeria	x
Japan	JAERI-Oarai R&D		Higashi-gun, Ibaraki-ken	x
	JAERI-Tokai R&D		Tokai-Mura, Ibaraki-ken	x
	Kumatori R&D		Sennan-gun, Osaka	x
	NDC Fuel Hot Lab.		Tokai-Mura, Ibaraki-ken	x
	NERL, University of Tokyo		Tokai-Mura, Ibaraki-ken	x
	NFD		Higashi-gun, Ibaraki-ken	x
	NFI Tokai-2		Tokai-Mura, Ibaraki-ken	x
	NRF Neutron Radiation Facility		Tsukuba-shi, Ibaraki-ken	x
	JNC FMF		Higashi-gun, Ibaraki-ken	x
	JNC IRAF		Higashi-gun, Ibaraki-ken	x
	JNC-Oarai R&D		Higashi-gun, Ibaraki-ken	x
	JNC-Tokai R&D		Tokai-Mura, Ibaraki-ken	x
	SCF		Tokai-Mura, Ibaraki-ken	x
	Uranium Material Laboratory		Higashi-gun, Ibaraki-ken	
Korea, Republic of	PIEF		Taejon	x

State ^a	Abbreviated name of facility	No. of units	Location	SA ^b in force
	Acrylonitrile plant		Ulsan	x
	DFDF		Taejon	x
	HFFL		Taejon	x
	IMEF		Taejon	x
	KAERI R&D		Taejon	—
Libyan Arab Jamahiriya	Tajura Uranium R&D Facility		Tajura	—
Netherlands	ECN and JRC		Petten	x
Norway	Research laboratories		Kjeller	x
Poland	Institute for Nuclear Chemistry and Engineering		Warsaw	—
	Institute of Nuclear Research		Swierk	x
South Africa	Decommissioned pilot enrichment plant		Pelindaba	x
	Decontamination and waste recovery		Pelindaba	x
	Hot Cell Complex		Pelindaba	x
	NU and DU metals plant		Pelindaba	x
Spain	ENRESA		El Cabril	—
Switzerland	EIR		Würenlingen	x
	CERN		Geneva	x
Turkey	Nuclear fuel pilot plant		Istanbul	x
Ukraine	Chernobyl unit 4 shelter		Chernobyl	—
	KHFTI		Kharkov	—
	Sevastopol subcritical assembly		Sevastopol	—
	IR-100 RR		Sevastopol	—
United States of America	BWXT Facility 179		Lynchburg, VA	—

^a An entry in this column does not imply the expression of any opinion whatsoever on the part of the Agency concerning the legal status of any country or territory or of its authorities, or concerning the delimitation of its frontiers.

^b SA: Subsidiary Arrangement.

^c NPP: nuclear power plant.

Note: The Agency was also applying safeguards in Taiwan, China, at eight power reactors, four research reactors/critical assemblies, one uranium pilot conversion plant, one fuel fabrication plant, one storage facility and one R&D facility.

Table A6. Transport Safety Appraisal Service (TranSAS) Missions in 2005

Type	Country
TranSAS	Japan

Table A7. Peer Review of Radiation Safety Infrastructure Missions in 2005 (ORPAS: Occupational Radiation Protection Appraisals Service; RaSSIA: Radiation Safety and Security of Radioactive Sources Infrastructure Appraisal)

Type	Country
ORPAS	Turkey
Pre-RaSSIA	Portugal
RaSSIA	Armenia; Bosnia and Herzegovina; Chile; Colombia; Croatia; Dominican Republic; Ecuador; Estonia; Georgia; Islamic Republic of Iran; Jordan; Kenya; Mali; Malta; Mexico; Myanmar; Nigeria; Pakistan; Republic of Moldova; Sri Lanka; Thailand; The Former Yugoslav Republic of Macedonia; Tunisia

Table A8. Safety Culture Enhancement Programme (SCEP) Missions in 2005

Type	Plant	Country
SCEP mission	Olkiluoto nuclear power plant	Finland

Table A9. Operational Safety Review Team (OSART) Missions in 2005

Type	Plant and reactor type	Country
Preparatory OSART	St. Laurent, PWR	France
Preparatory OSART	Ignalina, RBMK	Lithuania
Preparatory OSART	Mochovce, WWER	Slovakia
Preparatory OSART	South Ukraine, WWER	Ukraine
OSART	Qinshan III, PHWR	China
OSART	Blayais, PWR	France
OSART	Borssele, PWR	Netherlands
OSART	Cernavoda, PHWR	Romania
OSART	Volgodonsk, WWER	Russian Federation
OSART	Brunswick, BWR	USA
Follow-up OSART	Angra 1, PWR	Brazil
Follow-up OSART	Pickering A, PHWR	Canada
Follow-up OSART	Tianwan, WWER	China
Follow-up OSART	Paks, WWER	Hungary
Follow-up OSART	Krsko, PWR	Slovenia
Follow-up OSART	Rovno, WWER	Ukraine

Table A10. Peer Review of Operational Safety Performance Experience (PROSPER) Missions in 2005

Type	Plant and reactor type	Country
PROSPER	Santa Maria de Garona, BWR	Spain
Follow-up PROSPER	Metsamor, WWER	Armenia

Table A11. Integrated Safety Assessment of Research Reactors (INSARR) Missions in 2005

Type	Location	Country
Pre-INSARR	MNS Research	Syrian Arab Republic
INSARR	Kartini	Indonesia
INSARR	Petten	Netherlands
Follow-up INSARR	Rez	Czech Republic

Table A12. Safety Review Service and Expert Missions in 2005

Type	Country
Fact finding and international expert missions	Argentina
Seismic Safety Review Service, Yerevan, Armenia nuclear power plant	Armenia
Peer review, OPAL Research Reactor	Australia
Review operating procedures, OPAL Research Reactor	Australia
Review and draft regulations for radiation safety	Bahrain
Review of regulatory authority's plan addressing IRRRT findings	Bulgaria
Mission to Chile under the Assistance Convention	Chile
Planning for the decommissioning of the HWRR	China
Final review of fire protection guidelines	China
Review of emergency operating procedures for the Tianwan nuclear power plant	China
Review of Chapters 3,6,7,13,15,18,19 PSAR, Chashma-2 nuclear power plant`	China
Review of technical specifications for Tianwan nuclear power plant	China
Level 1 PSA development	China
Central feedback programme of China	China
Preventative and mitigative accident management measures	China
Management of naturally occurring radioactive material residues	Egypt
Review of regulatory documents for long term operation	Hungary
Review of draft atomic law and regulations	Indonesia
Review of integrated strategy programme for ageing management of RRs	Indonesia
Safety review, Bandung Research Reactor	Indonesia
Design review, Kartini and Bandung research reactors	Indonesia
Review of education and training	Indonesia
Assessment of competency and nuclear safety related training needs	Indonesia

Type	Country
Joint safety missions to Serpong	Indonesia
Seismic safety review Part 1 and Part 2, Bushehr nuclear power plant	Islamic Republic of Iran
Establishing a regulatory framework for the commissioning programme of the Bushehr nuclear power plant	Islamic Republic of Iran
Exploratory safety mission	Jamaica
Assessment of uranium mill tailings sites	Kazakhstan
Review of draft atomic law	Malaysia
Education and training appraisal for radiation protection and safety of sources	Malaysia
Licensing and inspection of research reactor	Malaysia
Safety mission to MNS Research Reactor	Nigeria
Review of integrated management systems of PNRI	Pakistan
Regulatory performance evaluation	Pakistan
Review of draft nuclear law and associated regulations for regulatory control of PRR-1	Philippines
Management systems follow-up	Philippines
Review of the qualitative assessment of the risk impact of design changes at Unit 2 based on PSA for Unit 1 of the Cernavoda nuclear power plant	Romania
Review of the Cernavoda nuclear power plant Unit 1 seismic hazard evaluation	Romania
Evaluate the status of the Vinca decommissioning project	Serbia and Montenegro
Education and training appraisal in radiation protection and safety of sources	Singapore
Review risk analysis of final shutdown process of Bohunice V1 units	Slovakia
Education and training (follow-up)	Thailand
Review State and complex programmes on decommissioning of the Chernobyl nuclear power plant and transfer of the Shelter to an ecologically safe system	Ukraine
Review refurbishment plan at the WWR-M Research Reactor	Ukraine
Advise on installation of radiation monitoring system	Uzbekistan
Review draft atomic law (follow-up)	Vietnam

Table A13. International Nuclear Security Advisory Service (INSServ) Missions in 2005

Type	Country
INSServ	Albania; Armenia; Bosnia and Herzegovina; Namibia; Paraguay; Republic of Moldova; Tajikistan
Nuclear security related technical evaluation and site survey mission	Ukraine

Table A14. International Physical Protection Advisory Service (IPPAS) Missions in 2005

Type	Country
Preparatory IPPAS	Slovakia
IPPAS	Egypt; Netherlands; Switzerland; Thailand
Evaluation mission on physical protection	Romania; Serbia and Montenegro

Table A15. Border Evaluation Missions

Type	Country
Assessment mission on border monitoring	Bosnia and Herzegovina; Bulgaria
Technical evaluation mission	Azerbaijan

Table A16. Advisory Missions in 2005 in Response to Illicit Trafficking Incidents

Illicit trafficking fact-finding mission	Bosnia and Herzegovina
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Table A17. National Strategy Missions in 2005 for Regaining Control over Radioactive Sources

Type	Country
Assist in development of orphan source search and secure plan	Croatia; Kazakhstan; Kyrgyzstan; Republic of Moldova; Tajikistan
Orphan source search and secure mission	Albania; Armenia; Bosnia and Herzegovina; Lithuania; Romania
National strategy mission	China
Follow-up national strategy mission	Ethiopia
Fact-finding mission on secure management of disused radioactive sources	Kyrgyzstan
Expert mission to evaluate a plan for security of radioactive sources	Lithuania
Fact-finding mission for vulnerable and orphan sources	The Former Yugoslav Republic of Macedonia
Fact-finding mission under the EU Joint Action Project for securing and managing radioactive sources	Croatia; Serbia and Montenegro; The Former Yugoslav Republic of Macedonia

Table A18. Missions under the ‘Trilateral Initiative’ Involving the Agency, the Russian Federation and the USA in 2005

Type	Country
Trilateral Initiative missions	Armenia; Belarus; Uzbekistan

Table A19. Number of States having Significant Nuclear Activities at the End of 2002, 2003, 2004 and 2005

	Number of States			
	2002	2003	2004	2005
States with safeguards applied under NPT or NPT/Tlatelolco agreements ^a	59*	62	63	64
States with safeguards applied under INFCIRC/66/Rev.2-type agreements	4	4	3	3
Nuclear weapon States with safeguards applied under voluntary offer agreements	5	5	5**	5
States without any safeguards agreement in force	1	1	0	0
Total number of States with significant nuclear activities^b	68	71	71	72

^a Nuclear weapon States with INFCIRC/66/Rev.2-type agreements in force are not included. Safeguards are also applied to nuclear installations in Taiwan, China.

^b According to information available to the Agency for the year in question.

* This excludes Iraq, where safeguards activities are subsumed under activities carried out pursuant to UNSC resolutions.

** At the end of 2005, there were no facilities designated for inspection in the Russian Federation.

Table A20. Approximate Quantities of Material Subject to Agency Safeguards at the End of 2005

Type of material	Quantity of material (t)			Quantity in SQs
	Comprehensive safeguards agreements ^a	INFCIRC/66 ^b	Nuclear weapon States	
Nuclear material				
Plutonium ^c contained in irradiated fuel	719.1	8.1	103.5	103 846
Separated plutonium outside reactor cores	11.2	0.1	78.7	11 233
Separated plutonium in fuel elements in reactor cores	14.2	0.2	0	1807
HEU (equal to or greater than 20% ²³⁵ U)	19.4	0.1	10.0	641
LEU (less than 20% ²³⁵ U)	51 090	556	4972	14 757
Source material ^d (natural or depleted uranium and thorium)	109 535	1218	16 115	7920
Non-nuclear material^e				
Heavy water	0	451	0	
Total SQs				140 204

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

^b Excluding installations in nuclear weapon States.

^c The quantity includes an estimated 89 t (11090 SQ) of plutonium in irradiated fuel, which is not yet reported to the Agency under the reporting procedures agreed to (the non-reported plutonium 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 (b) of INFCIRC/153 (Corrected).

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

Table A21. Number of Facilities under Safeguards or Containing Safeguarded Material on 31 December 2005

Facility type	Number of facilities (number of installations)			Total
	Comprehensive safeguards agreements ^a	INFCIRC/66 ^b	Nuclear weapon States	
Power reactors	194 (231)	5 (8)	1 (1)	200 (240)
Research reactors and critical assemblies	144 (154)	3 (3)	1 (1)	148 (158)
Conversion plants	18 (18)	0 (0)	0	18 (18)
Fuel fabrication plants	38 (41)	2 (2)	0	40 (43)
Reprocessing plants	6 (6)	1 (1)	0	7 (7)
Enrichment plants	11 (11)	0	2 (4)	13 (15)
Separate storage facilities	81 (83)	2 (2)	6 (7)	89 (92)
Other facilities	73 (85)	0 (0)	1 (1)	74 (86)
Subtotals	565 (629)	13 (16)	11 (14)	589 (659)
Other locations	340 (461)	1 (2)	0	341 (463)
Non-nuclear installations	0	0 (0)	0	0 (0)
Totals	905 (1090)	14 (18)	11 (14)	930 (1122)

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

^b Excluding installations in nuclear weapon States.

Table A22. Coordinated Research Projects Initiated in 2005

Nuclear Power

- Review and benchmark of calculation methods for structural integrity assessment of reactor pressure vessels during pressurized thermal shocks (2005–2008)
- Master Curve approach to monitor the fracture toughness of reactor pressure vessels in nuclear power plants (2005–2008)
- Analytical and experimental benchmark analyses of accelerator driven systems (2005–2010)

Nuclear Fuel Cycle and Materials Technologies

- Delayed hydride cracking of zirconium alloy fuel cladding (2005–2009)

Nuclear Science

- Atomic and molecular data for plasma modelling (2005–2008)
- Atomic data for heavy element impurities in fusion reactors (2005–2008)
- Reference database for neutron activation analysis (2005–2007)
- Development of a reference nuclear database for ion beam analysis (2005–2009)
- Updated decay data library for actinides (2005–2009)
- Developing techniques for small scale indigenous molybdenum-99 production using low enriched uranium fission or neutron activation (2005–2008)
- Development of nuclear microprobe techniques for the quantitative analysis of individual microparticles (2005–2008)
- Development of harmonized QA/QC procedures for maintenance and repair of nuclear instruments (2005–2008)

Food and Agriculture

- Molecular tools for quality improvements in vegetatively propagated crops including banana and cassava (2005–2010)
- Veterinary surveillance of Rift Valley fever (2005–2009)

Human Health

- Improved accuracy of molecular and immunological markers for prediction of efficacy of antimalarial drugs (2005–2009)
- Development of standardized mass rearing systems for male *Anopheles arabiensis* mosquitoes (2005–2010)
- Resource saving curative treatment in breast cancer (2005–2011)
- Testing of the implementation of the code of practice for dosimetry in X ray diagnostic radiology (2005–2007)
- Assessment of nutrient uptake from biofortified crops in populations from developing countries (2005–2008)
- Body fat and its relationship with metabolic syndrome indicators in overweight pre-adolescents and adolescents (2005–2009)
- Nutrition and HIV/AIDS: Efficacy of food based interventions evaluated by stable isotope techniques (2005–2009)
- Zinc nutrition during early life (2005–2008)
- Exposure to toxic and potentially toxic elements in women of childbearing age in developing countries (2005–2008)

Physical and Chemical Applications

- Improved high current liquid and gas targets for cyclotron produced radioisotopes (2005– 2009).
- Neutron based techniques for the detection of illicit materials and explosives (2005–2009).

Management of Radioactive Waste

- Use of numerical models in support of site characterization and performance assessment studies of geological repositories (2005–2009).
-

Table A23. Coordinated Research Projects Completed in 2005**Nuclear Power**

- Evaluation of radiation damage of WWER reactor pressure vessels using the IAEA database on reactor pressure vessel materials (2001–2005)
- Verification of WWER steam generator tube integrity (2001–2005)

Capacity Building and Nuclear Knowledge Maintenance for Sustainable Energy Development

- Cost effectiveness of nuclear power compared to CO₂ capture and sequestration from fossil fuel power plants (2002–2005)
- Historical evolution of indicators of sustainable energy development (ISED) and the use of this information for designing guidelines for future energy strategies in conformity with the objectives of sustainable development (2002–2005)

Nuclear Science

- Atomic and molecular data for fusion plasma diagnostics (2001–2005)
- Data for molecular processes in edge plasmas (2001–2005)
- Elements of power plant design for inertial fusion energy (2000–2005)

Food and Agriculture

- Classification of soil systems on the basis of transfer factors of radionuclides from soil to reference plants (1998–2005)
- Development of improved attractants for integration into SIT fruit fly management programmes (2000–2005)
- Development of management practices for sustainable crop production systems on tropical acid soils through the use of nuclear and related techniques (1999–2005)
- Molecular characterization of mutated genes controlling important traits for seed crop improvement (1999–2005)
- Quality assurance of mass produced and released fruit flies for SIT programmes (1999–2005)
- Use of irradiation to ensure hygienic quality of fresh, pre-cut fruits and vegetables, and minimally processed food of plant origin (2001–2005)
- Use of non-structural protein of foot and mouth disease virus (FMDV) to differentiate between vaccinated and infected animals (1999–2005)
- Use of nuclear and related techniques to develop simple tannin assays for predicting and improving the safety and efficiency of feeding ruminants on tanniferous tree foliage (1998–2005)
- Use of nuclear techniques for developing integrated nutrient and water management practices for agroforestry systems (2000–2005)

Human Health

- Application of isotopic and nuclear techniques in the study of nutrition–pollution interactions and their impact on the nutritional status of human subjects in developing country populations (2001–2005)
- Development and validation of an Internet based clinical and technical study communication system for nuclear medicine (1998–2005)
- Intravascular radionuclide therapy (IVRNT) using liquid beta emitting radiopharmaceuticals to prevent restenosis following percutaneous transluminal coronary angioplasty (2000–2005)
- Radioimmunoassay of advanced glycation end products in the long term management of diabetes mellitus (2000–2005)

- Use of nuclear and related analytical techniques in studying human exposure to toxic elements consumed through foodstuffs contaminated by industrial activities (2001–2005)

Water Resources

- Application of isotopes to the assessment of pollutant behaviour in the unsaturated zone for groundwater protection (2000–2005)
- Origins of salinity and impacts on fresh groundwater resources: Optimization of isotopic techniques (2000–2005)

Physical and Chemical Applications

- Comparative laboratory evaluation of therapeutic radiopharmaceuticals (2002–2005)
- Corrosion and deposit determination in large diameter pipes, with and without insulation by radiography testing (2002–2005)
- Development of radioactive sources for emerging therapeutic and industrial applications (2002–2005)
- Development of radioimmunoassays and kits for non-clinical applications (2001–2005)
- Radiation synthesis of stimuli-responsive membranes, hydrogels and adsorbents for separation purposes (2001–2005)

Radiation and Transport Safety

- Exploring the possibility of establishing guidance levels for interventional radiology (2002–2005)
- Radiological aspects of package and conveyance non-fixed radioactive contamination (2000–2005)

Management of Radioactive Waste

- Use of selected safety indicators (concentrations, fluxes) in the assessment of radioactive waste disposal (2000–2005)
 - Chemical durability and performance assessment of spent fuel and HLW forms under simulated repository conditions (1998–2005)
-

Table A24. Training Courses, Seminars and Workshops in 2005***FUNDED BY THE REGULAR BUDGET*****Nuclear Power**

- Workshop on external flooding hazards at nuclear power plant sites — India
- Workshop on recent material and related managerial issues of nuclear power plants — Vienna

Capacity Building and Nuclear Knowledge Maintenance for Sustainable Energy Development

- Seminar on the International Nuclear Information System — Vienna
- Training on the use of a new version of the Wien Automatic System Planning Package — Sweden
- Workshop on competitiveness of nuclear power and other energy technologies in restructured electricity markets — USA
- Workshop on developing a guidance document on the preservation (and enhancement) of nuclear knowledge for nuclear power plant operating organizations — Vienna
- Workshop on managing nuclear knowledge — ICTP, Trieste
- Workshop on methods and mathematical models for estimating environmental damage from electricity generation — ICTP, Trieste

Nuclear Science

- Course on nuclear data for science and technology: Neutron activation analysis — ICTP, Trieste
- Course on nuclear structure and decay data: Theory and evaluation — ICTP, Trieste
- Course on processing of application libraries for Monte Carlo transport calculations — Vienna
- Workshop/host laboratory experiment: Joint experiment on edge plasma studies on the CASTOR tokamak — Czech Republic

Food and Agriculture

- Course on development and use of rumen molecular techniques for predicting and enhancing productivity through a reduction in rumen methane — Switzerland
- Course on food pasteurization with electronic irradiation — USA
- Course on introduction to QA/QC measures in pesticide residue analytical laboratories — Agency's Laboratories, Seibersdorf
- Course on molecular diagnostic and polymerase chain reaction — South Africa
- Course on molecular genetic characterization of small ruminants — Kenya
- Fifth interregional course on mutant germplasm characterization using molecular markers — Agency's Laboratories Seibersdorf
- IAEA-FAO-IUPAC workshop on distance learning for capacity building for pesticide management — Costa Rica
- Seminar on radiation processing — China
- Workshop on irradiation as a quarantine treatment — Turkey

Water Resources

- Workshop on governance and management of groundwater in arid and semi-arid countries — Egypt
- Workshop on the second Global Water and Development Information Network for Arid Lands (G-WADI) — France

Protection of the Marine and Terrestrial Environment

- Course on application of nuclear techniques to studies of bioaccumulation and contaminant analyses for the development of emergency response strategies for aquatic environments — Thailand
- Course on modelling radionuclides in the marine environment — Tunisia

Physical and Chemical Applications

- Course on application of PGNA and radioisotope techniques for exploration and exploitation of oil and gas and solid mineral resources — China
- Workshop on new techniques in sealed sources and radiotracer preparation, injection and data logging — Pakistan

Safety of Nuclear Installations

- Course on improvement of accreditation system and methods for nuclear power plant licensed operators, training and qualification — China
- Course on nuclear safety — France
- Course on siting of hazardous facilities — Italy
- OECD/NEA Working Group workshop on risk (WG RISK) — France
- OECD/NEA workshop on probabilistic fire risk assessment — Mexico
- OECD/NEA–SEGHOFF workshop on OECD/NEA–SEGHOFF activities — Canada
- Seminar on emergency and risk zoning around nuclear power plants — Netherlands
- Seminar on field observation techniques — Ukraine
- Seminar on primary and secondary side water chemistry of nuclear power plants — Hungary
- Seminar on security of complex systems — Italy
- Seminar on the application of IAEA safety standards on legal and governmental infrastructure — Russian Federation
- Workshop on deployment and potential application of integrated type PWRs for developing countries — Argentina
- Workshop on earthquake engineering for nuclear facilities: Uncertainties in seismic hazard assessment — Italy
- Workshop on human resource management in safety and regulation — Sweden
- Workshop on IAEA standards and practice in providing safety of nuclear power plants in relation to natural and human induced external events — Russian Federation
- Workshop on plant life management of the Laguna Verde nuclear power plant — Mexico
- Workshop on regulatory structure for new plant licensing. Part 1: Technology neutral framework — USA
- Workshop on the design, implementation and evaluation of physical protection — Islamic Republic of Iran
- Workshop on the presentation of IAEA activities on ageing management at NUPEER — France

Radiation and Transport Safety

- Course on first responders (following EPREV Mission in 2004) — Indonesia
- Course on regulatory control of radioactive sources — Lithuania
- National course organized by the Coronary Intervention Club of Thailand — Thailand

- Regional workshop for senior government officials on following the guidance in the Code of Conduct on the Safety and Security of Radioactive Sources (Newly Independent States) — Ukraine
- Regional workshop for senior government officials on following the guidance in the Code of Conduct on the Safety and Security of Radioactive Sources (Asia regional meeting) — China
- Workshop on the code of conduct: Sharing experiences in implementing the supplementary guidance on the import and export of radioactive sources — Vienna
- Workshop on writing national strategy action plans for regaining control over radioactive sources — China

Management of Radioactive Waste

- Course on the release of liquid discharges from regulatory control — Cyprus
- Workshop on socioeconomic issues and public involvement practices and approaches for developing and operating repositories for low and intermediate waste — Vienna
- Workshop on the Net Enabled Waste Management Database — Austria
- Workshop on the Waste Inventory Record Keeping System (WIRKS) — USA

Safeguards

- Ninth course on safeguards — Japan
- Regional course on IAEA safeguards activities — Ukraine
- Regional course on State systems of accounting for and control of nuclear materials — Brazil
- Regional course on the application of the Protocol Reporter Programme at State level — Switzerland
- Regional seminar on the conclusion and implementation of additional protocols for African Countries — Morocco

Management of Technical Cooperation for Development

- Regional workshop for senior government officials on the international legal framework governing nuclear safety, security and safeguards — Vienna
- Workshop on technical cooperation — Agency's Laboratories, Seibersdorf

FUNDED FROM EXTRABUDGETARY SOURCES

Nuclear Power

- Workshop on nuclear power plant simulators for education — ICTP, Trieste
- Workshop on technology and applications of accelerator driven systems (ADS) — ICTP, Trieste

Nuclear Fuel Cycle and Materials Technologies

- Workshop on decommissioning and replacement of radioisotope thermoelectric generators — Norway
- Workshop on dismantlement of nuclear service ships and surface vessels with nuclear power installations — Russian Federation
- Workshop on modelling and quality control for current, advanced and innovative fuel technologies — ICTP, Trieste

Nuclear Science

- Workshop on developing techniques for small scale indigenous molybdenum-99 production using low enriched uranium (LEU) fission or neutron activation — Argentina

Safety of Nuclear Installations

- Course on first responder training — Indonesia
- Course on nuclear safety, level II: Research reactors — Indonesia
- Course on research reactor safety — Vietnam
- Regional workshop for Latin America and the Caribbean on research reactors — Peru
- Seminar on developing safety culture through management systems — Japan
- Workshop on a quality assurance programme establishment for operating organizations — Thailand
- Workshop on improvement of conditional based maintenance (CBM) of safety related valves for nuclear power plants in China — China
- Workshop on proactive safety management — China
- Workshop on PWR reactor pressure vessel head replacement — China
- Workshop on quality management systems for nuclear regulatory bodies — China
- Workshop on radiological characterization for the PRR-1 decommissioning plan — Philippines
- Workshop on risk informed in-service inspection (RISI) at the Qinshan II nuclear power plant — China
- Workshop on safety analysis and technical support for increasing the rated power of nuclear power plant, Qinshan Nuclear Power Company — China
- Workshop on safety culture self-assessment techniques and human performance enhancement systems — Slovenia
- Workshop on safety management and operating experience — France
- Workshop on safety management and operating experience, EDF Corporate Nuclear Production Directorate — France
- Workshop on safety operating experience — France
- Workshop on safety policy in organizations — Belgium
- Workshop on self-assessment — China
- Workshop on self-assessment tools-1, Qinshan III nuclear power plant — China
- Workshop on surveillance management and results evaluation of important items at nuclear power plants, Qinshan II nuclear power plant — China
- Workshop on surveillance management and results evaluation of important items at nuclear power plants, Qinshan II nuclear power plant — China
- Workshop on the improvement of accreditation systems and methods for nuclear power plant licensed operator training and qualification — China
- Workshop on the US licence renewal process EBP SALTO — Czech Republic
- Workshop to provide best practice information on the effect of electronic component ageing/radiation on instrumentation and control system reliability, Qinshan nuclear power plant — China

Radiation and Transport Safety

- Course on authorization and inspection of radiation sources in diagnostic radiology, radiotherapy, industrial radiography, nuclear gauges and well logging — Jordan
- Course on first responders — Indonesia
- Course on regulatory control of radioactive sources — Lithuania

- Course on the application of the international requirements and guidance on developing a national capability for response to radiation emergencies — Vienna
- Regional workshop on the Regulatory Authority Information System (RAIS 3.0) — Chile; Egypt; Morocco; Russian Federation; Yemen;
- Workshop on sharing experience in implementing the Supplementary Guidance on the Import and Export of Radioactive Sources — Vienna
- Workshop on writing national strategy action plans for regaining control over radioactive sources — China

Management of Radioactive Waste

- Course on the decommissioning of research reactors and small facilities — Egypt

Safeguards

- Course on implementation of State systems of accounting for and control of nuclear materials (SSAC) — USA
- Course on quality management for managers — Vienna
- National course on nuclear material accounting and control activities — Vienna
- National workshop on additional protocols — Mexico
- Regional course on IAEA safeguards activities — Ukraine
- Regional course on State systems of accounting for and control of nuclear materials — Brazil
- Safeguards tools for the future — USA
- Workshop on quality management systems — Vienna

Public Information and Communication

- ENS PIME 2005 and IAEA workshop for nuclear communicators — France
- National workshop for nuclear communicators — South Africa
- Public information seminar on nuclear futures in local communities and the world — Japan
- Workshop for nuclear communicators (held in conjunction with INAC2005) — Brazil

Table A25. Publications Issued in 2005**Nuclear Power**

- Application of Surveillance Programme Results to Reactor Pressure Vessel Integrity Assessment — IAEA-TECDOC-1435
- Boiling Water Reactor Simulator, Second Edition — Training Course Series No. 23
- Country Nuclear Power Profiles, 2004 edition — IAEA-CNPP/2004/CD
- Effects of Nickel on Irradiation Embrittlement of Light Water Reactor Pressure Vessel Steels — IAEA-TECDOC-1441
- Energy, Electricity and Nuclear Power Estimates for the Period up to 2030: July 2005 — Reference Data Series No.1
- Guidelines for Application of the Master Curve Approach to Reactor Pressure Vessel Integrity in Nuclear Power Plants — Technical Report Series No. 429
- Guidelines for Prediction of Irradiation Embrittlement of Operating WWER-440 Reactor Pressure Vessels — IAEA-TECDOC-1442
- Human Performance Improvement in Organizations: Potential Application for the Nuclear Industry — IAEA-TECDOC-1479
- Innovative Small and Medium Sized Reactors: Design Features, Safety Approaches and R&D Trends — IAEA-TECDOC-1451
- Methodology for the Assessment of Innovative Nuclear Reactors and Fuel Cycles: Report of Phase 1B (first part) of the International Project on Innovative Nuclear Reactors and Fuel Cycles (INPRO) — IAEA-TECDOC-1434
- Natural Circulation in Water Cooled Nuclear Power Plants: Phenomena, Models and Methodology for System Reliability Assessments — IAEA-TECDOC-1474
- Nuclear Power for the 21st Century, Proceedings of an International Ministerial Conference, Paris, 21–22 March 2005 — Proceedings Series (CD-ROM)
- Nuclear Power Newsletter; Vol. 2, Nos 1 and 4, March and December 2005
- Nuclear Power Reactors in the World — IAEA-RDS-2/25
- Operating Experience with Nuclear Power Stations in Member States in 2004
- Optimization of the Coupling of Nuclear Reactors and Desalination Systems — IAEA-TECDOC-1444
- Pressurized Water Reactor Simulator; Second Edition — Training Course Series No. 22
- The Power Reactor Information System (PRIS) and its Extension to Non-electrical Applications, Decommissioning and Delayed Projects Information — Technical Reports Series No. 428
- WWER-1000 Reactor Simulator, Second Edition — Training Course Series No. 21

Nuclear Fuel Cycle and Materials Technologies

- Country Nuclear Fuel Cycle Profiles: Second Edition — Technical Reports Series No. 425
- Developments in Uranium Resources, Production, Demand and the Environment — IAEA-TECDOC-1425
- Environmental Contamination from Uranium Production Facilities and their Remediation, Proceedings of an International Workshop, Lisbon, 11–13 February 2004 — Proceedings Series
- Fuel Cycle and Waste Newsletter — Vol. 1, Nos 1 and 2, August and December 2005
- Guidebook on Environmental Impact Assessment for In Situ Leach Mining Projects — IAEA-TECDOC-1428

- Management of High Enriched Uranium for Peaceful Purposes: Status and Trends — IAEA-TECDOC-1452
- Recent Developments in Uranium Exploration, Production and Environmental Issues — IAEA-TECDOC-CD-1463
- Remote Technology Applications in Spent Fuel Management — IAEA-TECDOC-CD-1433
- Status and Trends in Spent Fuel Reprocessing — IAEA-TECDOC-CD-1467
- Structural Behaviour of Fuel Assemblies for Water Cooled Reactors — IAEA-TECDOC- 1454
- Technical, Economic and Institutional Aspects of Regional Spent Fuel Storage Facilities — IAEA-TECDOC-CD-1482
- Thorium fuel cycle: Potential Benefits and Challenges — IAEA-TECDOC-1450

Capacity Building and Nuclear Knowledge Maintenance for Sustainable Energy Development

- Comparative Assessment of Energy Options and Strategies in Mexico until 2025 — IAEA-TECDOC-1469
- Energy Indicators for Sustainable Development: Guidelines and Methodologies
- INIS: Authority List for Journal Titles — IAEA-INIS-11 (Rev. 31)

Nuclear Science

- 20th IAEA Fusion Energy 2004, Proceedings of an International Conference, Vilamoura, Portugal, 1–6 November 2004 — IAEA-CSP-25/CD
- Development Opportunities for Small and Medium Scale Accelerator Driven Neutron Sources — IAEA-TECDOC- 1439
- Elements of Power Plant Design for Inertial Fusion Energy — IAEA-TECDOC-1460
- IAEA Nuclear Data Newsletter — No. 39, May 2005
- IAEA Nuclear Data Newsletter — No. 40, September 2005
- In Situ Applications of X Ray Fluorescence Techniques — IAEA-TECDOC-1446
- International Bulletin on Atomic and Molecular Data for Fusion —No. 64, October 2005
- ITER ITA Newsletter, Nos 19, 20, 21, 22, 23, 24, 25 January and March–October 2005
- Measurement of Residual Stress in materials using neutrons — IAEA-TECDOC-CD-1457
- Physics and Technology of Inertial Fusion Energy Targets, Chambers and Drivers — IAEA-TECDOC-1466
- Research Reactor Utilization, Safety, Decommissioning, Fuel and Waste Management; Proceedings of an International Conference, Santiago, 10–14 November 2003 — Proceedings Series

Food and Agriculture

- Animal Production and Health Newsletter — Nos 42 and 43, July and December 2005
- Determination of Human Pathogen Profiles in Food by Quality Assured Microbial Assays — IAEA-TECDOC-1431
- Environmental Benefits of Medfly Sterile Insect Technique in Madeira and their Inclusion in a Cost–Benefit Analysis — IAEA-TECDOC-1475
- Food and Environmental Protection Newsletter — Vol. 8, No. 1, July 2005
- Food and Environmental Protection Newsletter — Vol. 9, No. 1, January 2006
- Improving Artificial Breeding of Cattle and Buffalo in Asia: Guidelines and Recommendations — IAEA-TECDOC-1480

- Improving Artificial Breeding of Cattle in Africa; Guidelines and Recommendations — IAEA-TECDOC-1437
- Insect Pest Control Newsletter —No. 65
- Mutation Breeding Newsletter and Reviews — No. 1, June 2005
- Nutrient and Water Management Practices for Increasing Crop Production in Rainfed Arid/Semi-Arid Areas — IAEA-TECDOC-CD-1468
- Plant Breeding and Genetics Newsletter — No. 15
- Soils Newsletter — Vol. 28, Nos 1 and 2 July 2005 and January 2006
- Validation of Thin-Layer Chromatographic Methods for Pesticide Residue Analysis — IAEA-TECDOC-1462

Human Health

- A Syllabus for the Education and Training of RTTs (Radiation-Therapists/Therapy Radiographers) — Training Course Series No. 25
- Implementation of the International Code of Practice on Dosimetry in Radiotherapy (TRS 398): Review of Testing Results — IAEA-TECDOC-1455
- Radiation Oncology Physics: A Handbook for Teachers and Students
- SSDL Newsletter — Nos 50 and 51, February and September 2005

Water Resources

- Fluvial Sediment Transport: Analytical Techniques for Measuring Sediment Load — IAEA-TECDOC-1461
- Water and Environment News — No. 19, September 2005
- Isotopic Composition of Precipitation in the Mediterranean Basin in Relation to Air Circulation Patterns and Climate — IAEA-TECDOC-1453
- Use of Isotope Techniques to Trace the Origin of Acidic Fluids in Geothermal Systems — IAEA-TECDOC-1448

Protection of the Marine and Terrestrial Environment

- Isotopes in Environmental Studies, Proceedings of an International Conference, Monaco, 25–29 October 2004 — Proceedings Series
- Worldwide Marine Radioactivity Studies (WOMARS) Radionuclide Levels in Oceans and Seas — IAEA-TECDOC-1429

Physical and Chemical Applications

- Development of Protocols for Corrosion and Deposits Evaluation in Pipes by Radiography — IAEA-TECDOC-1445
- Emerging Applications of Radiation in Nanotechnology — IAEA-TECDOC-1438
- Non-destructive Testing for Plant Life Assessment — Training Course Series No. 26
- Nuclear Analytical Methods for Platinum Group Elements — IAEA-TECDOC-1443
- Radiation Synthesis of Stimuli-responsive Membranes, Hydrogels and Adsorbents for Separation Purposes — IAEA-TECDOC-145
- Radiation Treatment of Gaseous and Liquid Effluents for Contaminant Removal, Proceedings of a Technical Meeting, Sofia, 7–10 September 2004 — IAEA-TECDOC- 1473
- Technical Data on Nucleonic Gauges — IAEA-TECDOC-1459
- X Ray Fluorescence in the IAEA and its Member States Newsletter — Nos 9 and 10, May and December 2005

Nuclear Safety and Security

- Department of Nuclear Safety and Security Newsletter — Nos 18 and 19

Safety of Nuclear Installations

- Accident Analysis for Nuclear Power Plants with Graphite Moderated Boiling Water RBMK Reactors — Safety Reports Series No. 43
- Assessment and Management of Ageing of Major Nuclear Power Plant Components Important to Safety: BWR Pressure Vessel Internals — IAEA-TECDOC-1471
- Assessment and Management of Ageing of Major Nuclear Power Plant Components Important to Safety: BWR Pressure Vessels — IAEA-TECDOC-1470
- Assessment of Defence in Depth for Nuclear Power Plants — Safety Reports Series No. 46
- Design of the Reactor Core for Nuclear Power Plants — IAEA Safety Standards Series No. NS-G-1.12
- Effective Corrective Actions to Enhance Operational Safety of Nuclear Installations — IAEA-TECDOC-1458
- Geotechnical Aspects of Site Evaluation and Foundations for Nuclear Power Plants — IAEA Safety Standards Series No. NS-G-3.6
- OSART Guidelines, 2005 Edition — IAEA Services Series No. 12
- OSART Mission Highlights 2001–2003: Operational Safety Practices in Nuclear Power Plants — IAEA-TECDOC-1446
- Overview of Training Methodology for Accident Management at Nuclear Power Plants — IAEA-TECDOC-1440
- Radiological Conditions at the Former French Nuclear Test Sites in Algeria: Preliminary Assessment and Recommendations — Radiological Assessment Reports Series
- Risk Informed Regulation of Nuclear Facilities: Overview of Current Status — IAEA-TECDOC-1436
- Safety Culture in the Maintenance of Nuclear Power Plants — Safety Reports Series No. 42
- Safety of New and Existing Research Reactor Facilities in Relation to External Events — Safety Reports Series No. 41
- Safety of Research Reactors — IAEA Safety Standards Series No. NS-R-4
- Trending of Low Level Events and Near Misses to Enhance Safety Performance in Nuclear Power Plants — IAEA-TECDOC-1477

Radiation and Transport Safety

- Applying Radiation Safety Standards in Nuclear Medicine; Safety Reports Series No. 40
- Categorization of Radioactive Sources — IAEA Safety Standards Series No. RS-G-1.9
- Code of Conduct on the Safety and Security of Radioactive Sources: Guidance on the Import and Export of Radioactive Sources
- Development of Extended Framework for Emergency Response Criteria: Interim Report for Comments — IAEA-TECDOC-1432
- Generic Procedures for Medical Response During a Nuclear or Radiological Emergency — Emergency Preparedness and Response, EPR-Medical 2005
- Optimization of the Radiological Protection of Patients: Image Quality and Dose in Mammography (Coordinated Research in Europe) — IAEA-TECDOC- 1447
- Preparation, Conduct and Evaluation of Exercises to Test Preparedness for a Nuclear or Radiological Emergency — Emergency Preparedness and Response, EPR-Exercise 2005

- Radiation Protection Aspects of Design for Nuclear Power Plants, IAEA Safety Standards Series No. NS-G-1.13
- Regulations for the Safe Transport of Radioactive Material, 2005 Edition — IAEA Safety Standards Series No. TS-R-1
- Strengthening Control Over Radioactive Sources in Authorized Use and Regaining Control Over Orphan Sources: National Strategies — IAEA-TECDOC-1388

Management of Radioactive Waste

- Anthropogenic Analogues for Geological Disposal of High Level and Long Lived Waste — IAEA-TECDOC-1481
- Compilation of Data from the Net Enabled Waste Management Database — Radioactive Waste Management Profiles No. 6
- Compilation of Data from the Net Enabled Waste Management Database — Radioactive Waste Management Profiles, No. 7
- Dismantling of Contaminated Stacks at Nuclear Facilities; Technical Reports Series No. 440
- Disposal of Low Activity Radioactive Waste, Proceedings of an International Symposium, Cordoba, 13–17 December 2004 — Proceedings Series
- Disposal Options for Disused Radioactive Sources — Technical Reports Series No. 436
- Environmental and Source Monitoring for Purposes of Radiation Protection — IAEA Safety Standards Series No. RS-G-1.8
- Financial Aspects of Decommissioning — IAEA-TECDOC-1476
- Information on Radioactive Waste Management, Research in Progress or Planned — Waste Management Research Abstracts, Vol. 30 (CD-ROM)
- Management of Waste from the Use of Radioactive Material in Medicine, Industry, Agriculture, Research and Education — IAEA Safety Standards Series No. WS-G-2.7
- Methods for Maintaining a Record of Waste Packages during Waste Processing and Storage — Technical Reports Series No. 434
- Natural Activity Concentrations and Fluxes as Indicators for the Safety Assessment of Radioactive Waste Disposal — IAEA-TECDOC-1464
- Naturally Occurring Radioactive Materials (NORM IV), Proceedings of an International Conference, Szczyrk, Poland, 17–21 May 2004 — IAEA-TECDOC-1472
- Protection of the Environment from the Effects of Ionizing Radiation, Proceedings of an International Conference, Stockholm, 6–10 October 2003 — Proceedings Series
- Radioactive Waste Management: Status and Trends, No.
- Selection of Decommissioning Strategies: Issues and Factors — IAEA-TECDOC-1478
- Standard Format and Content for Safety Related Decommissioning Documents — Safety Reports Series No. 45
- Technological and Organizational Aspects of Radioactive Waste Management — Training Course Series No. 27
- Upgrading of Near Surface Repositories for Radioactive Waste — Technical Reports Series No. 433

Safeguards

- Guidelines and Format for Preparation and Submission of Declarations Pursuant to Articles 2 and 3 of the Model Protocol Additional to Safeguards Agreements — IAEA Services Series No. 11

- ISSAS Guidelines: Reference Report for the IAEA SSAC Advisory Service — IAEA Services Series No. 13

Public Information and Communication

- 50 Years of Nuclear Power — FS/SERIES
- In the Service of Peace: IAEA Nobel Prize Brochure — IAEA/PI/A.88
- Isotopic Tools for Protecting the Seas — IAEA/PI/A.77
- Satisfying World Energy Needs — FS/SERIES
- Sealed Radioactive Sources Toolkit containing 12 products — IAEA/PI/A.78-86
- IAEA Fundamentals — FS/SERIES/1/01/Rev.1

Executive Management, Policy-Making and Coordination

- Multilateral Approaches to the Nuclear Fuel Cycle: Expert Group Report to the Director General of the IAEA
-