

NRC Export Licensing Actions Completed 11/01/2002 - 12/31/2002

<u>License Numbe</u>	<u>Applicant/ Licensee</u>	<u>Commodity</u>	<u>Quantity</u>	<u>Unit</u>	<u>Country</u>	<u>End Use</u>	<u>Date Applied</u>	<u>Date Received</u>	<u>Date to Exec Br</u>	<u>Date From Exec Br</u>	<u>Date Completed</u>	<u>Expiration Date</u>	<u>Action</u>	<u>License Type</u>
XCOM1153	Wah Chang	Zircaloy-4 trex tubes	997,500.00	k\$	Argentina	Atucha I & Embalse	07/15/2002	07/18/2002	07/19/2002	11/27/2002	11/29/2002	12/31/2003	Issued	AS
XSNM3264	Westinghouse	LEU, 5.0% & Natural U, in various forms	320,000.00	kg	Kazakhstan	Conversion into various forms and return to U.S.	07/31/2002	08/01/2002	08/06/2002	10/31/2002	11/01/2002	11/01/2029	Issued	AS
XSNM3269	Mitsui & Co.	LEU, 4.95%, as UO2	20,912.00	kg	Japan	Tokai 2	09/13/2002	09/16/2002	09/17/2002	11/26/2002	11/29/2002	02/29/2004	Issued	AS
XSNM3270	Mitsui & Co.	LEU, 4.95%, as UO2	7,728.00	kg	Japan	Fukushima II, 3&4 and Kashiwazaki-Kariwa 1-5	09/30/2002	10/01/2002	10/04/2002	11/27/2002	11/29/2002	02/29/2004	Issued	AS
XSNM3271	Mitsui & Co.	LEU, 4.95%, as UO2	34,082.00	kg	Japan	Kashiwazaki-Kariwa 6&7	09/30/2002	10/01/2002	10/04/2002	11/27/2002	11/29/2002	03/31/2004	Issued	AS
XSNM3272	Mitsui & Co.	LEU, 4.95%, as UO2	15,082.00	kg	Japan	Fukushima I, 2-5	09/30/2002	10/01/2002	10/04/2002	11/27/2002	11/29/2002	03/31/2004	Issued	AS
XSNM3274	Transport Logistics	LEU, 4.15%, as UF6	17,549.00	kg	Japan	Tomari 1&2	10/11/2002	10/16/2002	10/21/2002	12/02/2002	12/05/2002	12/31/2004	Issued	AS
XSNM3275	Mitsui & Co.	LEU, 4.95%, as UO2	20,375.00	kg	Japan	Fukushima II, 3&4 and Kashiwazaki-Kariwa 1-5	10/17/2002	10/21/2002	10/22/2002	12/02/2002	12/05/2002	04/30/2004	Issued	AS
XSNM3276	Mitsui & Co.	LEU, 4.95%, as UO2	9,612.00	kg	Japan	Fukushima II, 3&4 and Kashiwazaki-Kariwa 1-5	10/17/2002	10/21/2002	10/22/2002	12/02/2002	12/05/2002	03/31/2004	Issued	AS
XSNM3277	Mitsui & Co.	LEU, 4.95%, as UO2	28,603.00	kg	Japan	Fukushima II, 3&4 and Kashiwazaki-Kariwa 1-5	10/17/2002	10/21/2002	10/22/2002	12/02/2002	12/05/2002	03/31/2004	Issued	AS
XSNM3278	Mitsui & Co.	LEU, 4.95%, as UO2	18,781.00	kg	Japan	Onagawa 3	10/21/2002	10/22/2002	10/22/2002	12/02/2002	12/05/2002	03/31/2004	Issued	AS
XSNM3279	Mitsui & Co.	LEU, 4.95%, as UO2	17,386.00	kg	Japan	Fukushima I, 6 and Fukushima II, 1&2	10/21/2002	10/22/2002	10/24/2002	12/02/2002	12/05/2002	04/30/2004	Issued	AS
XSNM3280	Framatome ANP, Inc.	LEU, 4.15%, as UO2 powder	8,127.00	kg	Japan	Tomari 1&2	10/10/2002	10/22/2002	10/22/2002	12/02/2002	12/12/2002	03/31/2004	Issued	AS
XSNM3281	Edlow International	LEU, 5.0%, as UF6	95,125.00	kg	So. Korea	Yonggwang 3&4 and Kori 1-3	10/29/2002	10/31/2002	11/05/2002	12/18/2002	12/19/2002	03/31/2004	Issued	AS

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XSNM3283	Framatome ANP, Inc.	LEU, 4.15%, as UO2 powder	14,955.00	kg	Japan	Genkai 1-3	10/30/2002	11/07/2002	11/15/2002	12/18/2002	12/23/2002	05/31/2005	Issued	AS

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XCOM1155	RWE NUKEM, Inc.	1 1SH Micro-Pulverizer Hammermill and Spares & Replacement Parts	50,000.00	k\$	Kazakhstan	Ulba Metallurgical Plant	11/19/2002	11/21/2002	11/27/2002				Pending	AS
XCOM1156	Sciencetech	Nozzle Dam Systems and spare and replacement parts	800,000.00	k\$	China	Qinshan I, II, III and Daya Bay	12/12/2002	12/17/2002					Pending	EB
XCOM1157	Sulzer Chemtech USA Inc.	Parts for Sulzer Heavy Water Upgrader & replacements	850,000.00	k\$	China	Qinshan III	12/16/2002	12/17/2002	12/23/2002				Pending	EB
XMAT403	SGL Carbon, LLC	Nuclear Grade Graphite	869,000.00	kg	Canada	Commercial, non-nuclear end use	11/20/2002	12/09/2002	12/26/2002				Pending	EB
XMAT404	SGL Carbon, LLC	Nuclear Grade Graphite	11,617,830.00	kg	Various	Commercial, non-nuclear end use	11/20/2002	12/09/2002	12/26/2002				Pending	EB
XR167	Westinghouse	Reactor Internals; Coolant Pumps; & App A (5)-(9) Components	50,000,000.00	k\$	So. Korea	Shin Kori 1&2, Shin Wolsong 1&2	12/13/2002	12/16/2002					Pending	EB
XSNM2611/02	Transnuclear	HEU, 93.45%, as Metal	0.00	kg	EURATOM	Petten - Amend to adjust shipment schedule	11/07/2002	11/12/2002	12/19/2002				Pending	GE
XSNM3261/01	Framatome ANP, Inc.	LEU, 5 0%, in various forms	0.00	kg	EURATOM	Amend to 1) reduce total qty of U; 2) auth Chinese obligated material; 3) remove certain ult consignees; & 4) add Gundremmingen B&C as ultimate consignees	11/08/2002	11/08/2002	11/29/2002				Pending	AS
XSNM3282	NAC International	LEU, 19.75%, as metal pieces	90.00	kg	Australia	ANSTO Replacement Research Reactor (RRR)	11/01/2002	11/04/2002	11/15/2002	12/16/2002			Pending	EB
XSNM3283	Framatome ANP, Inc.	LEU, 4.15%, as UO2 powder	14,955.00	kg	Japan	Genkal 1-3	10/30/2002	11/07/2002	11/15/2002	12/18/2002	12/23/2002	05/31/2005	Issued	AS
XSNM3284	Framatome ANP, Inc.	LEU, 4.95%, and Natural U, as UO2 powder	17,742.00	kg	Japan	Onagawa 1	11/26/2002	11/26/2002	11/29/2002				Pending	AS
XSNM3285	Transport Logistics	LEU, 4.15%, as UF6	23,425.00	kg	Japan	Ohi 2	12/11/2002	12/12/2002	12/18/2002				Pending	AS
XSNM3286	Framatome ANP, Inc.	LEU, 4.95%, as UO2 powder	12,879.00	kg	Japan	Hamaoka 2	12/12/2002	12/20/2002	12/23/2002				Pending	AS

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XSNM3287	Transport Logistics	LEU, 4.05%, as UF6	4,854.00	kg	Japan	Takahama 1	12/22/2002	12/26/2002	12/26/2002				Pending	AS
XSOU8791	Global Nuclear Services	Natural U, as UF6	1,375,000.00	kg	EURATOM	Eurodif Tricastin & Belgian Reactors	11/21/2002	11/22/2002	11/27/2002				Pending	AS
XSOU8792	Cabot Corporation	Natural U & Thorium, as contaminants	6,000.00	kg	Various	Recovery of tantalum & niobium for production of potassium tantalum fluoride and other materials for non-nuclear end use	12/12/2002	12/13/2002	12/20/2002				Pending	GE
XSOU8793	Transnuclear	Uranyl Nitrate Hexahydrate (Natural UNH)	600.00	kg	Canada	Return after processing at BWXT for further experimental use	12/20/2002	12/26/2002					Pending	AS
XSOU8794	RSB Logistics	Natural U, as UF6	1,000,000.00	kg	Canada	Re-conversion & use in Canadian Nuclear Power Plants	12/27/2002	12/30/2002					Pending	AS

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IW008/01	Starmet CMI	Class A radioactive waste in the form of DU metal and oxide & mineral oil	170,000.00	kg	UK	Amend to increase quantity of DU from 80,000 kgs to 250,000 kgs; increase quantity of mineral oil from 45,000 liters to 240,000 liters; and add AEA Technology as an additional supplier	09/28/2000	10/04/2000	10/18/2000	05/17/2001			Pending	EB
IW009	Framatome ANP, Inc.	Class A radioactive waste, combustible material contaminated with LEU	1,200.00	kg	Germany	Incinerate, recover uranium; dispose of residue	09/23/1999	09/29/1999	12/09/1999	01/03/2001			Pending	EB
IW011	Allied Technology Group	Class A radioactive waste, contaminated scrap metal	3,000.00	t	Taiwan	For processing and recycle or disposal of metal	12/22/2000	12/28/2000	04/09/2001	05/17/2001			Pending	EB
IW012/01	Diversified Scientific Services Inc.	Class A radioactive mixed waste, 14,811,000 kgs	1,400.00	CI	Canada	Thermal destruction	01/18/2002	01/22/2002	02/08/2002				Pending	EB
XCOM1085	Westinghouse	Components, Various	0.00	k\$	South Africa	Koeberg 1, 2	11/17/1993	11/18/1993	11/26/1993				Pending	EB
XCOM1094/03	Westinghouse	Reactor components, Appendix A, Items (5) thru (9)	0.00	k\$	Russia	Amend to add add'l equipment	12/19/2000	02/01/2001	02/06/2001				Pending	EB
XCOM1102/03	Westinghouse	Reactor components, Appendix A, Items (5) thru (9)	0.00	k\$	Brazil	Angra 1 & INB, amend to add additional equipment	10/16/1996	10/21/1996	10/29/1996				Pending	EB
XCOM1110	General Electric	Components in Appendix A (5) thru (9)	25,000.00	k\$	Mexico	Qualification, models, mfg.	03/12/1998	03/13/1998	03/26/1998				Pending	EB
XCOM1113/02	Westinghouse	Components in Appendix A (5) thru (9)	0.00	k\$	Hungary	PAKS, amend to add additional equipment	05/22/1998	05/26/1998	05/27/1998				Pending	EB
XCOM1140/02	Wah Chang	Zircaloy trex tubes	0.00	k\$	Various	Amend to add Russia as additional ultimate consignee	09/06/2000	09/29/2000	12/27/2000				Pending	AS
XCOM1154	Garlock Helicoflex	O-Ring Seals & Replacement Parts	150,000.00	k\$	China	Qinshan 1	10/22/2002	10/28/2002					Pending	EB

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XCOM1155	RWE NUKEM, Inc.	1 1SH Micro-Pulvenzer Hammermill and Spares & Replacement Parts	50,000.00	k\$	Kazakhstan	Ulba Metallurgical Plant	11/19/2002	11/21/2002	11/27/2002				Pending	AS
XCOM1156	Sciencetech	Nozzle Dam Systems and spare and replacement parts	800,000 00	k\$	China	Qinshan I, II, III and Daya Bay	12/12/2002	12/17/2002					Pending	EB
XCOM1157	Sulzer Chemtech USA Inc.	Parts for Sulzer Heavy Water Upgrader & replacements	850,000.00	k\$	China	Qinshan III	12/16/2002	12/17/2002	12/23/2002				Pending	EB
XMAT403	SGL Carbon, LLC	Nuclear Grade Graphite	869,000.00	kg	Canada	Commercial, non-nuclear end use	11/20/2002	12/09/2002	12/26/2002				Pending	EB
XMAT404	SGL Carbon, LLC	Nuclear Grade Graphite	11,617,830.00	kg	Various	Commercial, non-nuclear end use	11/20/2002	12/09/2002	12/26/2002				Pending	EB
XR167	Westinghouse	Reactor Internals; Coolant Pumps; & App A (5)-(9) Components	450,000,000.00	k\$	So. Korea	Shin Kori 1&2, Shin Wolsong 1&2	12/13/2002	12/16/2002					Pending	EB
XSNM2580	Transnuclear	HEU, 93.3%, as Metal	69.35	kg	France	HFR Grenoble	12/19/1990	01/02/1991	01/10/1991				Pending	EB
XSNM2611/02	Transnuclear	HEU, 93 45%, as Metal	0.00	kg	EURATOM	Petten - Amend to adjust shipment schedule	11/07/2002	11/12/2002	12/19/2002				Pending	GE
XSNM2948/01	General Electric	LEU, 5 0% and Natural U, in various forms	0.00	kg	Spain	Change licensee name from GE to Global Nuclear Fuel-Americas, L.L.C., and update intermediate consignee info	11/11/1999	11/15/1999					Pending	GE
XSNM3034	Westinghouse	LEU, 4.6%, as UO2 pellets in fuel assemblies - Rev. Appl.	4,000.00	kg	China	Revised Appl. Daya Bay 1 & 2	06/06/2002	06/12/2002	06/19/2002				Pending	EB
XSNM3060/02	Transnuclear	HEU, 93.6%, as UO2, fabricated targets	0.00	kg	Canada	Amend to: 1) revise schedule & qty auth for export each calendar year; and 2) ext exp date from 7/31/04 to 12/31/07	07/18/2002	07/22/2002	07/29/2002				Pending	EB
XSNM3066/02	General Electric	LEU, 5.00%, Natural U, in various forms	0.00	kg	Mexico	Amend to change name of licensee from General Electric to Global Nuclear Fuel-Americas, L.L.C.	01/12/1999	01/13/1999	01/14/1999				Pending	AS

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XSNM3163/02	Westinghouse	LEU, 5.00%, Depl U & Nat U, in various forms	0 00	k\$	Sweden	Amend to 1) update end use statement; and 2) ext exp date from 12/31/03 to 12/31/15	06/20/2002	06/21/2002	06/27/2002				Pending	AS
XSNM3175	DOE-Chicago	LEU, 19.95%, as fuel elements	14.00	kg	Netherlands	HFR Petten Irradiation tests	11/30/2000	12/05/2000	12/08/2000				Pending	AS
XSNM3192	Transnuclear, Inc.	HEU, 93.34%, as metal	32.36	kg	Belgium	BR-2 Research Reactor	05/07/2001	05/08/2001	05/18/2001				Pending	EB
XSNM3259/01	Westinghouse	LEU, 5.0%, as fabricated fuel	0 00	kg	Ukraine	Amend to authorize the shipment of Euratom-obligated material	07/08/2002	07/09/2002	07/11/2002				Pending	EB
XSNM3261/01	Framatome ANP, Inc.	LEU, 5.0%, in various forms	0.00	kg	EURATOM	Amend to 1) reduce total qty of U; 2) auth Chinese obligated material; 3) remove certain ult consignees; & 4) add Gundremmingen B&C as ultimate consignees	11/08/2002	11/08/2002	11/29/2002				Pending	AS
XSNM3273	Framatome ANP, Inc.	LEU, 5.0%, as UO2	14,000.00	kg	Korea	Ulchin 1&2, Kori 3&4, & Yonggwang 1&2	09/23/2002	10/03/2002	10/04/2002				Pending	AS
XSNM3282	NAC International	LEU, 19.75%, as metal pieces	90.00	kg	Australia	ANSTO Replacement Research Reactor (RRR)	11/01/2002	11/04/2002	11/15/2002	12/16/2002			Pending	EB
XSNM3284	Framatome ANP, Inc.	LEU, 4.95%, and Natural U, as UO2 powder	17,742.00	kg	Japan	Onagawa 1	11/26/2002	11/26/2002	11/29/2002				Pending	AS
XSNM3285	Transport Logistics	LEU, 4.15%, as UF6	23,425.00	kg	Japan	Ohi 2	12/11/2002	12/12/2002	12/18/2002				Pending	AS
XSNM3286	Framatome ANP, Inc.	LEU, 4.95%, as UO2 powder	12,879.00	kg	Japan	Hamaoka 2	12/12/2002	12/20/2002	12/23/2002				Pending	AS
XSNM3287	Transport Logistics	LEU, 4.05%, as UF6	4,854.00	kg	Japan	Takahama 1	12/22/2002	12/26/2002	12/26/2002				Pending	AS
XSOU8789/01	ConverDyn	Nat U, as UF6	19,212,800.00	kg	EURATOM	Enrichment at Urenco and Eurodif	08/12/2002	08/16/2002	08/20/2002				Pending	AS
XSOU8790	Transport Logistics	DU, as UF6	25,983.00	kg	Japan	Rokkasho Nuclear Fuel Reprocessing Plant	10/17/2002	10/18/2002	10/21/2002	12/16/2002			Pending	EB
XSOU8791	Global Nuclear Services	Natural U, as UF6	1,375,000 00	kg	EURATOM	Eurodif Tricastin & Belgian Reactors	11/21/2002	11/22/2002	11/27/2002				Pending	AS

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XSOU8792	Cabot Corporation	Natural U & Thorium, as contaminants	6,000.00	kg	Various	Recovery of tantalum & niobium for production of potassium tantalum fluoride and other materials for non-nuclear end use	12/12/2002	12/13/2002	12/20/2002				Pending	GE
XSOU8793	Transnuclear	Uranyl Nitrate Hexahydrate (Natural UNH)	600.00	kg	Canada	Return after processing at BWXT for further experimental use	12/20/2002	12/26/2002					Pending	AS
XSOU8794	RSB Logistics	Natural U, as UF6	1,000,000.00	kg	Canada	Re-conversion & use in Canadian Nuclear Power Plants	12/27/2002	12/30/2002					Pending	AS
XW005	Framatome ANP, Inc.	LEU, 5.0% in Class A radioactive waste (slightly contaminated non- combustibles)	20.00	kg	EURATOM	Return of waste to Germany	01/26/2001	02/09/2001	02/27/2001				Pending	EB
XW006	Framatome ANP, Inc.	LEU, 5.0% in Class A radioactive waste (incinerator ash and non- combustibles)	20.00	kg	EURATOM	Return of waste to Germany	01/26/2001	02/09/2001	02/27/2001				Pending	EB
XW008/01	Diversified Scientific Services Inc.	Class A radioactive mixed waste, 15,000 liters	24.60	Cl	Canada	Return of waste to Canada after processing in the U.S. and, if required, return of non- conforming waste	01/18/2002	01/22/2002	02/08/2002				Pending	EB