



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

July 7, 2000

Mr. Robin DeLaBarre  
Non-Proliferation/Nuclear Energy Affairs  
U.S. Department of State  
Washington, DC 20520

Dear Mr. DeLaBarre:

Enclosed for your information are reports which list all Nuclear Regulatory Commission export and import cases which were completed, received, or pending during the month of June 2000. In summary 8 cases were completed, 13 new license applications were received, and 45 cases were pending as of June 30, 2000.

We understand that most of the pending cases listed in the report are awaiting receipt by the Executive Branch of foreign government assurances as required by the Atomic Energy Act of 1954, as amended by the Nuclear Non-Proliferation Act of 1978.

Sincerely,

Ronald D. Hauber, Deputy Director  
Office of International Programs

Enclosure: June 2000 Reports

cc w/enclosure: J. Dunn Lee, NRC/OIP  
M. Krupa, DOE  
R. Goorevich, DOE  
W. Witter, DOD  
S. Clagett, DOC  
T. Madigan, USCS  
F. Edgecombe, USCS

## NRC Export Licensing Actions Completed 06/01/00 to 06/30/00

<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>
XCOM1136	Wah Chang	Zircaloy-4 trex tubing	350.00	k\$	Argentina	Atucha 1	02/24/2000	02/28/2000	03/03/2000	06/30/2000	06/30/2000	04/30/2001	Issued	AS
XCOM1137	Wah Chang	Zircaloy-4 trex tubing	948.00	k\$	Argentina	Atucha 1 & Embalse	05/09/2000	05/16/2000	05/17/2000	06/30/2000	06/30/2000	06/30/2002	Issued	AS
XMAT400	Poco Graphite	Nuclear Grade Graphite	680,385.00	kg	Various	Commercial, non-nuclear end use	12/03/1999	01/18/2000	02/01/2000	04/21/2000	06/29/2000	02/01/2002	Issued	EB
XSNM1906/05	Global Nuclear Fuel - Americas, L.L.C.	LEU, 5.00%, in various forms	0.00	kg	Switzerland	Amend to change ultimate consignee name from BKW Energie, AG to BKW FMB Energie AB	05/03/2000	05/04/2000	05/12/2000		06/02/2000	12/31/2001	Issued	GE
XSNM3135	Global Nuclear Fuel - Americas, L.L.C.	LEU, 4.00% & Natural Uranium concentrates	10,000.00	kg	Kazakhstan	Conversion into UO2 powder and return to U.S.	01/13/2000	01/14/2000	01/19/2000	05/03/2000	06/28/2000	12/31/2001	Issued	EB
XSNM3142	Mitsui & Co.	LEU, 4.95%, as UO2	8,804.00	kg	Japan	Fukushima I 2-5	03/27/2000	03/29/2000	03/29/2000	06/14/2000	06/14/2000	09/03/2001	Issued	AS
XSNM3145	Mitsui & Co.	LEU, 4.95%, as UO2	14,568.00	kg	Japan	Fukushima II, 3&4 and Kashiwazaki Kariwa 1-5	04/13/2000	04/14/2000	04/18/2000	06/01/2000	06/01/2000	06/30/2001	Issued	AS
XSNM3146	General Atomics	LEU, 19.9%, in various forms	38.00	kg	France	Fuel for various EURATOM reactors	04/21/2000	04/27/2000	05/01/2000	06/14/2000	06/14/2000	12/31/2001	Issued	AS

## NRC Export License Applications Received 06/01/00 to 06/30/00

<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>
IW004/01	Diversified Scientific Services Inc.	Radioactive waste in the form of liquid products	0.00	Ci	Canada	Amend to change radioactive material license number reference from R-73014.K98 to R-73014-L04 and ext exp date to be consistent with export license XW002	06/21/2000	06/22/2000					Pending	GE
XCOM1096/03	Imaging & Sensing Technology	Incore Detector Components	0.00	ea	Various	Amend to change licensee's address from 300 Westinghouse Circle, Horseheads, NY 14845 to 300 IST Center, Horseheads, NY 14845-1017	06/13/2000	06/14/2000	06/19/2000				Pending	GE
XCOM1109/01	Imaging & Sensing Technology	Excore Detectors & Components	0.00	ea	Czech Rep	Amend to change licensee's address from 300 Westinghouse Circle, Horseheads, NY 14845 to 300 IST Center, Horseheads, NY 14845-1017 and ext exp date from 31 December 2000 to 31 December 2005	06/13/2000	06/14/2000	06/19/2000				Pending	GE
XCOM1129/01	Imaging & Sensing Technology	Ion Chambers and Fission Chambers	0.00	ea	China	Amend to change licensee's address from 300 Westinghouse Circle, Horseheads, NY 14845 to 300 IST Center, Horseheads, NY 14845-1017	06/13/2000	06/14/2000	06/19/2000				Pending	GE
XMAT388/02	Brookhaven National Lab	Deuterium Oxide (Heavy Water)	0.00	kg	Canada	Amend to change two ultimate consignee names from Ontario Hydro to Ontario Power Generation, Inc; add Pickering Station; remove AECL & ext exp date to 12/31/02	06/14/2000	06/21/2000	06/23/2000				Pending	GE
XSNM3150	Mitsubishi International	LEU, 4.15%, as UF6	7,785.00	kg	Japan	Ikata 3	06/02/2000	06/07/2000	06/08/2000				Pending	AS
XSNM3151	Mitsubishi International	LEU, 4.15%, as UF6	7,140.00	kg	Japan	Ikata 1	06/02/2000	06/07/2000	06/08/2000				Pending	AS

<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>
XSNM3152	Transport Logistics Intl	LEU, 4.15%, as UF6	5,097.00	kg	Japan	Ikata 1 & 3	06/26/2000	06/27/2000					Pending	AS
XSNM3153	Transport Logistics Intl	LEU, 4.15%, as UF6	8,494.00	kg	Japan	Sendai 2	06/27/2000	06/28/2000					Pending	AS
XSNM3154	Mitsubishi International	LEU, 4.15%, as UF6	5,657.00	kg	Japan	Genkai 1	06/29/2000	06/30/2000					Pending	AS
XSNM3155	Mitsubishi International	LEU, 4.05%, as UF6	5,950.00	kg	Japan	Mihama 2	06/29/2000	06/30/2000					Pending	AS
XSOU8780	Cogema, Inc.	Natural U, as UF6	1,000,000.00	kg	France	Enrichment at EURODIF and ultimate use as fuel in EURATOM or U.S.	06/09/2000	06/13/2000	06/16/2000				Pending	AS
XW002/01	Diversified Scientific Services Inc.	Radioactive waste in the form of salts	0.00	Ci	Canada	Amend to change the consignee's name from Ontario Hydro Technologies to Ontario Power Generation	06/21/2000	06/22/2000					Pending	GE

## NRC Export Licensing Actions Pending as of 06/30/00

<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>
IW004/01	Diversified Scientific Services Inc.	Radioactive waste in the form of liquid products	0.00	Ci	Canada	Amend to change radioactive material license number reference from R-73014.K98 to R-73014-L04 and ext exp date to be consistent with export license XW002	06/21/2000	06/22/2000					Pending	GE
IW007	GTS Duratek	Contaminated condenser tubing, Class A waste	612,356.00	kg	Taiwan	Decontaminate, recycle, dispose of contaminants	04/15/1998	04/21/1998	04/30/1998	05/20/1998			Pending	EB
IW008	Starmet CMI	DU, various forms	80,000.00	kg	UK	Processing and re-manufacture into shielding material	08/30/1999	09/01/1999	10/07/1999				Pending	EB
IW009	Siemens Power Corporation	Class A 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				Pending	EB
XB001299	Transport Logistics Intl	Tritium, in bulk form	2,611.00	Ci	Canada	Material being returned to supplier	05/08/2000	05/10/2000	05/16/2000	06/27/2000			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
XCOM1094/02	Westinghouse	Instrumentation & Control System	0.00	k\$	Russia	Amend to add add'l equipment & services	08/03/1994	08/04/1994	08/04/1994				Pending	EB
XCOM1096/03	Imaging & Sensing Technology	Incore Detector Components	0.00	ea	Various	Amend to change licensee's address from 300 Westinghouse Circle, Horseheads, NY 14845 to 300 IST Center, Horseheads, NY 14845-1017	06/13/2000	06/14/2000	06/19/2000				Pending	GE
XCOM1102/03	Westinghouse	Reactor components, Appendix A, items (5) thru (9)	0.00	k\$	Brazil	Angra 1 & INB	10/16/1996	10/21/1996	10/29/1996				Pending	EB

<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>
XCOM1109/01	Imaging & Sensing Technology	Excure Detectors & Components	0.00	ea	Czech Rep	Amend to change licensee's address from 300 Westinghouse Circle, Horseheads, NY 14845 to 300 IST Center, Horseheads, NY 14845-1017 and ext exp date from 31 December 2000 to 31 December 2005	06/13/2000	06/14/2000	06/19/2000				Pending	GE
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	05/22/1998	05/26/1998	05/27/1998				Pending	EB
XCOM1123	General Atomics	Log & Linear Current Channel Circuit Cards	50.00	k\$	Argentina	Embalse Rio III	12/07/1998	12/09/1998	12/14/1998				Pending	EB
XCOM1128	DOE, HQ	Equipment for fuel fabrication and plutonium handling	1,000.00	k\$	Russia	Disposition of surplus weapons plutonium	05/04/1999	05/24/1999	05/28/1999				Pending	EB
XCOM1129/01	Imaging & Sensing Technology	Ion Chambers and Fission Chambers	0.00	ea	China	Amend to change licensee's address from 300 Westinghouse Circle, Horseheads, NY 14845 to 300 IST Center, Horseheads, NY 14845-1017	06/13/2000	06/14/2000	06/19/2000				Pending	GE
XCOM1135	Harper International Corporation	Two pusher-type furnaces for sintering of UO2 pellets plus spare and replacement parts	1,320.00	k\$	China	Baotou Nuclear Element Plant	02/24/2000	02/28/2000	03/01/2000				Pending	EB
XMAT388/02	Brookhaven National Lab	Deuterium Oxide (Heavy Water)	0.00	kg	Canada	Amend to change two ultimate consignee names from Ontario Hydro to Ontario Power Generation, Inc; add Pickering Station; remove AECL & ext exp date to 12/31/02	06/14/2000	06/21/2000	06/23/2000				Pending	GE
XSNM1662/03	Global Nuclear Fuel - Americas, L.L.C.	LEU, 5.00%, as fuel assemblies	0.00	kg	Taiwan	Change licensee name from General Electric to Global Nuclear Fuel-Americas, L.L.C.	02/23/2000	02/24/2000	03/03/2000				Pending	GE

<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>
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	Transnuclear	HEU, 93.45%, as Metal	150.35	kg	Netherlands	HFR Petten Revised Appl.	02/11/2000	02/14/2000	03/01/2000	06/02/2000			Pending	EB
XSNM2948/01	Global Nuclear Fuel-Americas, L.L.C.	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
XSNM3033/01	Global Nuclear Fuel - Americas, L.L.C.	LEU, 5.00%, & Natural U, as fabricated fuel bundles	0.00	kg	Taiwan	Change licensee name from General Electric to Global Nuclear Fuel-Americas, L.L.C.	02/23/2000	02/24/2000	03/03/2000				Pending	GE
XSNM3066/01	Global Nuclear Fuel - Americas, L.L.C.	LEU, 5.00%, & Natural U, in various forms	0.00	kg	Mexico	Change licensee name from General Electric to Global Nuclear Fuel-Americas, L.L.C.	02/23/2000	02/24/2000	03/03/2000				Pending	GE
XSNM3066/02	Global Nuclear Fuel - Americas, L.L.C.	LEU, 5.00%, Natural U, in various forms	0.00	kg	Mexico	Amend to auth shipment of Australian and Canadian origin material	01/12/1999	01/13/1999	01/14/1999				Pending	AS
XSNM3076/01	Edlow International	LEU, 4.15%, and Natural U, as UF6	0.00	kg	Japan	Change I/C from JCO Co. to Mitsubishi Nuclear Fuel Co. for conversion	12/03/1999	12/07/1999	12/07/1999				Pending	AS
XSNM3081/01	Edlow International	LEU, 4.15%, as UF6	0.00	kg	Japan	Change I/C from JCO Co. to Mitsubishi Nuclear Fuel Co. for conversion	12/03/1999	12/07/1999	12/07/1999				Pending	AS
XSNM3082/01	Edlow International	LEU, 4.15%, as UF6	0.00	kg	Japan	Change I/C from JCO Co. to Mitsubishi Nuclear Fuel Co. for conversion and fabrication	12/03/1999	12/07/1999	12/07/1999				Pending	AS
XSNM3083/01	Edlow International	LEU, 4.15%, as UF6	0.00	kg	Japan	Change I/C from JCO Co. to Mitsubishi Nuclear Fuel Co. for conversion and fabrication	12/03/1999	12/07/1999	12/07/1999				Pending	AS
XSNM3139	Mitsubishi International	LEU, 4.15%, as UF6	2,365.00	kg	Japan	Tomari 1 & 2	03/16/2000	03/22/2000	03/24/2000				Pending	AS

<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>
XSNM3141	Siemens Power Corporation	LEU, 4.05%, as UO2 powder	11,633.00	kg	Japan	Takahama 1	03/16/2000	03/27/2000	03/29/2000				Pending	AS
XSNM3143	Mitsubishi International	LEU, 4.05%, as UF6	10,131.00	kg	Japan	Takahama 1	03/30/2000	03/31/2000	03/31/2000				Pending	AS
XSNM3144	Siemens Power Corporation	LEU, 4.15%, as UO2	26,323.00	kg	Japan	Tomari 1&2	03/23/2000	04/12/2000	04/13/2000				Pending	AS
XSNM3147	Mitsubishi International	LEU, 4.15%, as UF6	9,019.00	kg	Japan	Ohi 1	04/27/2000	05/01/2000	05/02/2000				Pending	AS
XSNM3148	Nissho Iwai	LEU, 19.95%, as metal, in fuel elements	62.23	kg	Japan	JMTR	05/03/2000	05/04/2000	05/15/2000				Pending	AS
XSNM3149	Transport Logistics Intl	LEU, 0.79%, as UO2	7,300.00	kg	Japan	Fugen	05/25/2000	05/30/2000	05/30/2000				Pending	EB
XSNM3150	Mitsubishi International	LEU, 4.15%, as UF6	7,785.00	kg	Japan	Ikata 3	06/02/2000	06/07/2000	06/08/2000				Pending	AS
XSNM3151	Mitsubishi International	LEU, 4.15%, as UF6	7,140.00	kg	Japan	Ikata 1	06/02/2000	06/07/2000	06/08/2000				Pending	AS
XSNM3152	Transport Logistics Intl	LEU, 4.15%, as UF6	5,097.00	kg	Japan	Ikata 1 & 3	06/26/2000	06/27/2000					Pending	AS
XSNM3153	Transport Logistics Intl	LEU, 4.15%, as UF6	8,494.00	kg	Japan	Sendai 2	06/27/2000	06/28/2000					Pending	AS
XSNM3154	Mitsubishi International	LEU, 4.15%, as UF6	5,657.00	kg	Japan	Genkai 1	06/29/2000	06/30/2000					Pending	AS
XSNM3155	Mitsubishi International	LEU, 4.05%, as UF6	5,950.00	kg	Japan	Mihama 2	06/29/2000	06/30/2000					Pending	AS
XSOU8758/01	Integral Solids & Solutions	Natural U & Thorium in Calcium Aluminate slag	163,000.00	kg	Mexico	Steelmaking additive (non-nuclear end use)	08/25/1998	08/26/1998	08/27/1998				Pending	EB
XSOU8780	Cogema, Inc.	Natural U, as UF6	1,000,000.00	kg	France	Enrichment at EURODIF and ultimate use as fuel in EURATOM or U.S.	06/09/2000	06/13/2000	06/16/2000				Pending	AS
XW002/01	Diversified Scientific Services Inc.	Radioactive waste in the form of salts	0.00	Ci	Canada	Amend to change the consignee's name from Ontario Hydro Technologies to Ontario Power Generation	06/21/2000	06/22/2000					Pending	GE

<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>
XW004	Bayou Steel Corporation	Class A hazardous mixed waste (electric arc furnace dust contaminated with 9.6 mg Cesium-137)	70.73	Tn	Canada	Disposal at Stablex	10/06/1999	01/24/2000	03/23/2000				Pending	EB