



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20565-0001

February 11, 1997

Mr. Robin DeLaBarre  
Office of Nuclear Energy Affairs  
Bureau of Political Military 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 January 1997. In summary, 10 cases were completed, 8 new license applications or amendment requests were received, and 28 cases were pending as of January 31.

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*  
Ronald D. Hauber, Director  
Division of Nonproliferation, Exports  
and Multilateral Relations  
Office of International Programs

Enclosures:  
January 1997 Reports

cc w/enclosures:  
C. Stoiber, USNRC/OIP  
C. Kincaid, DOE  
C. Riendeau, DOE  
M. Johnson, DOD  
J. Chuchla, DOC  
M. Rosenthal, ACDA  
J. Howe, USCS

IA-1-1 Imports/  
Exports

9702140061 970211  
PDR XPORT  
GENERAL PDR

140019

DF031

NRC Export Licensing Actions Completed 01/01/97 to 01/31/97

License Number	Applicant/Licensee	Commodity	Quantity	Unit	Country	End Use	Date Applied	Date Received	Date to Exec Br	Date From Exec Br	Date Completed	Expiration Date	Action	License Type
XB1141/08	Dept. of the Army	Tritium gas in pyrex glass ampoules	0.00	Cl	All Countries	For use in sealed light source	12/23/96	12/31/96	1/2/97	1/2/97	1/16/97	1/31/02	Issued	GE
XCOM1102	Westinghouse	Zircaloy-4 fuel cladding tubes	0.00	kg	Brazil	Nuclear power reactors	10/16/96	10/21/96	10/23/96	1/23/97	1/29/97	12/31/10	Issued	EB
XMAT388/01	Brookhaven National Lab	Heavy Water (downgraded)	0.00	kg	Canada	Amend to add add'l. U/C and revise End Use statement	12/17/96	12/20/96			1/7/97	12/31/01	Issued	GE
XR135/05	General Electric	BWR, 1,350 MWE, 2 ea	0.00	\$	Taiwan	Lungme 1 & 2	9/25/96	10/3/96			1/16/97	6/30/13	Issued	GE
XSNM2947	Mitsui USA	LEU, 4.45%, as UO2	37,445.00	kg	Japan	Fukushima I, 6	9/5/96	9/12/96	9/19/96	1/14/97	1/15/97	3/31/98	Issued	AS
XSNM2950	Mitsubishi	LEU, 3.85%, as UF6	6,930.00	kg	Japan	Mihama 1	10/17/96	10/22/96	10/23/96	1/14/97	1/16/97	1/31/99	Issued	AS
XSNM2951	Marubeni America	LEU, 4.45%, as UF6	7,094.00	kg	Japan	Fukushima II, 2, 11	10/21/96	10/22/96	10/25/96	1/24/97	1/24/97	3/31/98	Issued	AS
XSNM2952	Mitsubishi	LEU, 4.15%, as UF6	21,113.00	kg	Japan	Oni 2, 19	11/8/96	11/12/96	12/5/96	1/24/97	1/24/97	1/31/99	Issued	AS
XSNM2954	Mitsui USA	LEU, 4.95%, as UO2	16,596.00	kg	Japan	Tokai 2, Tsuruga 1	11/19/96	11/25/96	11/25/96	1/24/97	1/24/97	6/30/98	Issued	AS
XSNM2955	Mitsubishi International	LEU, 4.15%, as UF6	8,177.00	kg	Japan	Genkai 1, 22	12/9/96	12/13/96	12/17/96	1/24/97	1/24/97	1/31/99	Issued	AS

NRC Export License Applications Received 01/01/97 to 01/31/97

License Number	Applicant/Licensee	Commodity	Quantity	Unit	Country	End Use	Date Applied	Date Received	Date to Exec Br	Date From Exec Br	Date Completed	Expiration Date	Action	License Type
XMAT394	UCAR Carbon	Nuclear Grade Graphite, as armor tiles	300.00	kg	Switzerland	TCV Tokamak Configuration Vessel	1/2/97	1/17/97	1/23/97				Pending	EB
XSNM2779/02	DOE, Chicago	Pu, 12.937gm	12.93	g	IAEA	Amend to increase quantity of plutonium	1/22/97	1/28/97	2/11/97				Pending	EB
XSNM2958	Mitsui USA	LEU, 4.95%, as UF6	13,639.00	kg	Japan	Fukushima I, Unit 5	1/9/97	1/14/97	1/16/97				Pending	AS
XSNM2959	Mitsui USA	LEU, 4.45%, as UF6	35,027.00	kg	Japan	Kashiwazaki 1 and Fukushima II, Unit 3	1/10/97	1/14/97	1/16/97				Pending	AS
XSNM2980	Manubeni America	LEU, 4.45%, as UF6	30,334.00	kg	Japan	Kashiwazaki Karwis 4	1/23/97	1/24/97	1/30/97				Pending	AS
XSNM2961	Gemina-Metrics	HEU, 94%, in fission chambers	153.00	g	South Korea	Kori 3 & 4	1/27/97	1/30/97					Pending	AS
XSOU8707/02	Molycorp, Inc.	Nat U & Thorium as contaminants	100,000.00	kg	Various	Amend to add Malaysia and Russia as U/C countries, increase qty and extend exp. date	1/8/97	1/14/97	1/22/97				Pending	EB
XSOU8750	Edlow International	Natural U, as UF6 "heats"	116.00	kg	France	Return of "heats" in cylinders to Cogema	1/7/97	1/9/97	1/10/97				Pending	AS

# NRC Export Licensing Actions Pending as of 01/31/97

License Number	Applicant/Licensee	Commodity	Quantity	Unit	Country	End Use	Date Applied	Date Received	Date to Exec Br	Date From Exec Br	Date Completed	Expiration Date	Action	License Type
XB1285-02	E. I. DuPont/NEI Life Sciences Co.	Tritium (Gas)	0.00	Cl	Brazil	Amend to change lic. name to NEI Life Sciences Co.	5/21/96	5/23/96					Pending	GE
XCOM1085	Westinghouse	Components, Various		k\$	South Africa	Koeberg 1, 2	11/17/93	11/18/93	11/26/93				Pending/Prop.	EB
XCOM1094/01	Westinghouse	Instrumentation & Control System Equipment & Services	0.00	k\$	Russia	Amend to add add'l equipment & services	8/3/94	8/4/94	8/4/94				Pending/Prop.	EB
XCOM1102/01	Westinghouse	Reactor components, App. A, Items 5-9	0.00	\$	Brazil	Nuclear power reactors	10/15/96	10/21/96	10/29/96				Pending	EB
XMO8561/11	Transnuclear	Natural U, DU and Th	0.00	kg	EURATOM	Add'l. U/C awaiting assurances	12/27/95	1/2/96	1/2/96				Pending	AS
XMAT392	Cambridge Isotope	Deuterium oxide, heavy water	22,500.00	kg	U.A.E.	"Mud Tracer" in oil exploration	4/19/96	4/25/96	5/29/96				Pending	EB
XMAT393	DOE, Oakland	Graphite vessel	41.00	kg	Canada	Graphite vessel for development of AVLIS feed conversion process and return to US	12/23/96	12/30/96	12/31/96	1/22/97			Pending	EB
XMAT394	UCAR Carbon	Nuclear Grade Graphite, as armor tiles	300.00	kg	Switzerland	TCV Tokamak Configuration Vessel	1/2/97	1/17/97	1/23/97				Pending	EB
XR162	Combustion Engineering	PWR, 1000 MWE, 2	200,000.00	k\$	South Korea	Yonggwang 5 & 6	8/2/91	8/5/91	8/7/91				Pending	EB
XR163	Combustion Engineering	PWR, 1000 MWE, 2	0.00	k\$	South Korea	Ulchin 5, 6	8/10/95	8/15/95	8/30/95				Pending/Prop.	EB
XSNM1906/03	General Electric	LEU, 5.0%, and Nat. U in various forms	0.00	kg	Switzerland	Muehleberg, Change U/C Name	11/7/95	11/13/95					Pending	AS
XSNM2563	Combustion Engineering	LEU, 5.0%, as Powder or Pellets	160,000.00	kg	South Korea	Ulchin 3, 4, Initial cores	8/31/90	9/5/90	9/12/90				Pending	EB
XSNM2580	Transnuclear	HEU, 93.3%, as Metal	69.35	kg	France	HFR Grenoble	12/19/90	1/2/91	1/10/91				Pending	EB
XSNM2611	Transnuclear	HEU, 93.45%, as Metal	9.76	kg	Netherlands	HFR Petten	5/7/91	5/10/91	5/21/91				Pending	EB
XSNM2642	Combustion Engineering	LEU, 5.0%, Various Forms	160,000.00	kg	South Korea	KNU 15, 16, Initial cores	8/2/91	8/5/91	8/7/91				Pending	EB

License Number	Applicant/Licensee	Commodity	Quantity	Unit	Country	End Use	Date Applied	Date Received	Date to Exec Br	Date From Exec Br	Date Completed	Expiration Date	Action	License Type
XSNM266701	Transnuclear	HEU, 93.3%, as metal	0.00	kg	Canada	Extend exp. dt., target material for mfg. of medical isotopes	12/11/95	12/18/95					Pending	EB
XSNM277902	DOE, Chicago	Pu, 12.937gm	12.93	g	IAEA	Amend to increase quantity of plutonium	1/22/97	1/28/97	2/11/97				Pending	EB
XSNM2858	DOE, HQ	LEU, 19.9%, as TRIGA fuel elements	15.80	kg	Colombia	IAN-R1 Research Reactor replacement core	1/31/95	2/9/95	2/14/95				Pending	EB
XSNM2949	Mitsui USA	LEU, 4.45%, and Nat. U, as UO2	15,989.00	kg	Japan	Fukushima II, 2	10/10/96	10/15/96	10/18/96				Pending	AS
XSNM2953	Mitsui USA	LEU, 4.95%, as UF6	26,977.00	kg	Japan	Hamaoka 4	11/8/96	11/15/96	11/18/96				Pending	AS
XSNM2956	Edlow International	LEU, 4.15%, as UF6	3,789.00	kg	Japan	Oni 2, 19	12/20/96	12/23/96	12/24/96				Pending	AS
XSNM2957	Edlow International	LEU, 4.15%, as UF6	4,679.00	kg	Japan	Genkai 1, 22	12/20/96	12/23/96	12/24/96				Pending	AS
XSNM2958	Mitsui USA	LEU, 4.95%, as UF6	13,639.00	kg	Japan	Fukushima I, Unit 5	1/9/97	1/14/97	1/16/97				Pending	AS
XSNM2959	Mitsui USA	LEU, 4.45%, as UF6	35,027.00	kg	Japan	Kashiwazaki 1 and Fukushima II, Unit 3	1/10/97	1/14/97	1/16/97				Pending	AS
XSNM2960	Merubeni America	LEU, 4.45%, as UF6	30,334.00	kg	Japan	Kashiwazaki Karwa 4	1/23/97	1/24/97	1/30/97				Pending	AS
XSNM2961	Germes-Metrica	HEU, 94%, in fission chambers	153.00	g	South Korea	Kori 3 & 4	1/27/97	1/30/97					Pending	AS
XSNM2962	Mitsui USA	LEU, 4.95%, as UF6	15,829.00	kg	Japan	Onagawa, 1	1/31/97	2/5/97	2/6/97				Pending	AS
XSNM2963	Siemens Power	LEU, 5.0%, as UO2 powder	6,000.00	kg	Japan	Sendai, 2	1/28/97	2/10/97	2/11/97				Pending	AS
XSNM2964	Siemens Power	LEU, 5.0%, as UO2 powder	63,000.00	kg	Japan	Mihama, 3; Oni, 3; Takahama, 2	1/28/97	2/10/97	2/11/97				Pending	AS
XSOUB70702	Molycorp, Inc.	Nat U & Thorium as contaminants	100,000.00	kg	Various	Amend to add Malaysia and Russia as U/C countries, increase qty and extend exp. date	1/8/97	1/14/97	1/22/97				Pending	EB
XSOUB750	Edlow International	Natural U, as UF6 "heels"	116.00	kg	France	Return of "heels" in cylinders to Cogema	1/7/97	1/9/97	1/10/97				Pending	AS