



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

March 16, 1994

Mr. Robin DeLaBarre, Acting Director  
Office of Export and Import Control  
Bureau of Political-Military Affairs  
U.S. Department of State  
Room 7828  
Washington, D.C. 20520

Dear Mr. DeLaBarre:

Attached for your information is a report which lists all export actions completed by the Nuclear Regulatory Commission during the month of February, all new export applications received in February and all cases pending as of February 28, 1994.

In summary, five export cases were completed; ten new export license applications and amendment requests were received; and, 74 cases were pending as of February 28, 1994.

We understand that most of the pending cases 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,

A handwritten signature in cursive script that reads "Ronald D. Hauber".

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

Enclosure:  
As stated

cc w/Enclosure:  
C. Stoiber, OIP  
R. Goorevich, DOE  
T. Hart, DOE  
G. Brubaker, DOD  
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GENERAL PDR

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**EXPORT LICENSING ACTIONS FOR FEBRUARY 1994**

License	Applicant	Commodity	Quantity	Unit	Country	End-use
<b>Completed Actions</b>						
XMAT38702	UCAR Carbon Co.	Graphite Blocks	50000	kg	Japan	Incr. Quantity of M
XSNM2787	Mitsubishi International	LEU, 4.15%, as UF6	12423	kg	Japan	Sendai 2, 11
XSNM2788	Mitsui & Co.	LEU, 4.95%, as UF6	8305	kg	Japan	Hamaoka 1
XSNM2790	General Electric	LEU, 5.0%, as UO2	31800	kg	Germany	Kernkraftwerk Kru
XSOJ8727	Combustion Engineering	Depl. U as UO2 ceramic pellets in fuel rods	850	kg	Sweden	Testing of Fuel As
Total: 5						
<b>Applications Received</b>						
XCOM1088	General Electric	Ultrasonic Weld Inspection System	1		Spain	Use in ENUSA's fu
XSNM2792	Manubeni America Corp.	LEU, 4.95%, as UF6	8973	kg	Japan	Shika 1, 2
XSNM2793	Edlow International	LEU, 4.5%, as UF6	42372	kg	South Korea	Yongliwang 4 Init
XSNM2794	Mitsui & Co.	LEU, 4.95%, & Natural, as UF6	11883	kg	Japan	Onagawa 1, 10
XSNM2795	Mitsui & Co.	LEU, 4.95%, as UF6 & Natural, as UO2	19040	kg	Japan	Fukushima I, 2, 15
XSNM2796	Mitsui & Co.	LEU, 4.45%, as UF6	36972	kg	Japan	Kashiwazaki Kar
XSNM2797	Mitsui & Co.	LEU, 4.45%, as UF6	21323	kg	Japan	Kashiwazaki Kar
XSNM2798	Braunkohle Transport	LEU, 5.0%, "heels" in cylinders	2000	kg	EURATOM	Return of "heels" co
XSNM2799	Siemens Power Corp.	LEU, 5.0%, UO2 as ceramic pellets/powder	530000	kg	EURATOM	Fuel for LWfAs in E
XSOJ8728	General Electric	Natural U as UO2 power and/or pellets	60000	kg	Canada	Additional fabricat
Total: 10						
<b>Pending</b>						
XCOM1033	DOE	Components, Reprocessing Plant	0	kS	Japan	PNC Tokai Works
XCOM1034	DOE	Centrifugal Contactors	0	kS	United Kingdom	UKAEA, Dounreay
XCOM1041/01	Westinghouse	Steam Generator Plugs	0	kS	HU, PD, FI, RU, CSFR	Nuclear Power Plan
XCOM1047	Westinghouse	Steam Generator Plugs	20000	EA	HU, USSR	Nuclear Power Plan
XCOM1060	Carpenter Technology	Zircaloy-4 Channels, Fasteners	1000	EA	Mexico	Laguna Verde 1, 2
XCOM1066	Gamma Metrics	Neutron Flux Monitor & Ctrl. Systems	0	kS	Hungary	Paks 1, 2, 3, 4
XCOM1068	Gamma Metrics	Neutron Flux Monitor & Ctrl. Systems	0	kS	Yugoslavia	Krsko
XCOM1070	Gamma Metrics	Neutron Flux Monitor & Ctrl. Systems	0	kS	USSR	Various
XCOM1085	Westinghouse	Components, Various	kS		South Africa	Koalberg 1, 2
XCOM1086	Giltach, Inc.	Heavy Water Purification System	kS		South Korea	Wolsong 3
XCOM1087	Conax Buffalo Corp.	Components	6300	kS	Finland	TVO 1 & 2
XCOM1088	General Electric	Ultrasonic Weld Inspection System	1		Spain	Use in ENUSA's fu
XMAT363	Penngraph, Inc.	Graphite	950	kg	Brazil	Electrodes
XMAT364	Penngraph, Inc.	Graphite	950	kg	Argentina	Electrodes
XMAT365	Penngraph, Inc.	Graphite	950	kg	Mexico	Electrodes
XMAT367	Penngraph, Inc.	Graphite	35000	kg	Brazil	Electrodes
XMAT368	Penngraph, Inc.	Graphite	35000	kg	Mexico	Electrodes

	Date Applied	Date Received	Date to Exec. Br.	Date from Exec. Br.	Date Completed	Date Expires	Action	Type
	10/18/93	10/26/93	11/03/93	12/14/93	02/10/94	12/31/95	Issued	EB
	12/01/93	12/10/93	12/17/93	02/09/94	02/23/94	02/29/96	Issued	AS
	12/01/93	12/14/93	12/17/93	02/09/94	02/28/94	05/31/95	Issued	AS
	12/21/93	12/23/93	12/23/93	02/23/94	02/28/94	12/31/95	Issued	AS
Handling Equip.	01/18/94	01/31/94	02/08/94	02/18/94	02/23/94	12/31/99	Issued	AS
ation facility	02/09/94	02/17/94	02/24/94				Pending	EB
ongkwang 1 floored	01/27/94	02/01/94	02/01/94				Pending	AS
	01/27/94	02/01/94	02/01/94				Pending	EB
	01/19/94	02/07/94	02/10/94				Pending	AS
	01/21/94	02/07/94	02/10/94				Pending	AS
	01/24/94	02/07/94	02/10/94				Pending	AS
In cylinders	01/24/94	02/07/94	02/10/94				Pending	AS
	02/09/94	02/15/94	02/17/94				Pending	AS
	02/11/94	02/18/94	02/17/94				Pending	AS
urn to US	02/04/94	02/14/94	02/17/94				Pending	AS
	01/22/90	01/24/90	02/02/90				Pending	EB
	01/22/90	01/24/90	02/02/90				Pending	EB
	05/15/90	05/21/90	05/24/90				Pending	EB
	10/11/90	10/19/90	10/25/90				Pending	EB
	07/18/91	07/23/91	08/07/91				Pending	EB
	08/07/91	08/08/91	08/27/91				Pending	EB
	08/07/91	08/08/91	08/27/91				Pending	EB
	08/07/91	08/08/91	08/27/91				Pending	EB
	11/17/93	11/18/93	11/26/93				Pending/Prop.	EB
	11/23/93	11/24/93	11/30/93				Pending/Prop.	EB
ation facility	01/11/94	01/12/94	01/26/94				Pending	EB
	02/09/94	02/17/94	02/24/94				Pending	EB
	06/13/91	06/19/91	06/27/91				Pending	EB
	06/13/91	06/19/91	06/27/91				Pending	EB
	06/13/91	06/19/91	06/27/91				Pending	EB
	06/13/91	06/19/91	06/27/91				Pending	EB
	06/13/91	06/19/91	06/27/91				Pending	EB

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EXPORT LICENSING ACTIONS FOR FEBRUARY 1994

Licence	Applicant	Commodity	Quantity	Unit	Country	End-use
XMAT370	Penngraph, Inc.	Graphite	35000	kg	Argentina	Electrodes
XMAT371	Penngraph, Inc.	Graphite	950	kg	Singapore	Electrodes
XMAT374	Penngraph, Inc.	Graphite	950	kg	India	Electrodes
XMAT375	Penngraph, Inc.	Graphite	950	kg	Indonesia	Electrodes
XMAT376	Penngraph, Inc.	Graphite	950	kg	Australia	Electrodes
XMAT377	Penngraph, Inc.	Graphite	950	kg	Australia	Electrodes
XMAT378	Penngraph, Inc.	Graphite	35000	kg	Singapore	Electrodes
XMAT381	Penngraph, Inc.	Graphite	35000	kg	India	Electrodes
XMAT382	Penngraph, Inc.	Graphite	35000	kg	Indonesia	Electrodes
XMAT383	Penngraph, Inc.	Graphite	35000	kg	Australia	Electrodes
XMAT384	Penngraph, Inc.	Graphite	35000	kg	Australia	Electrodes
XR069/14	Westinghouse	PWR, 810 MWE		k\$	Sweden	Add Reactor V
XR107/04	Westinghouse	PWR, 1876 MWT and Equipment	0	k\$	Yugoslavia	Ext. Exp. Date
XR126/04	General Atomics	Research Reactor, TRIGA-Mk II, 3 MW	500	k\$	Bangladesh	Ext. Exp. Date
XR154	General Atomics	Research Reactor	1700	k\$	Albania	TRIGA Mark I
XR180	Combustion Engineering	PWR, 1300 MWE, 2	600000	k\$	CSFR	Unnamed Site
XR161	Combustion Engineering	PWR, 1300 MWE, 2	500000	k\$	United Kingdom	Sellafield and O
XR162	Combustion Engineering	PWR, 1000 MWE, 2	300000	k\$	South Korea	KNU 15, 16
XSNM1067/05	Westinghouse	LEU, 4.50%, as Fuel Assemblies	0	kg	Yugoslavia	Ext. Exp. Date
XSNM1718/01	Westinghouse	LEU, 5.00%, as Fuel Assemblies	188000	kg	Taiwan	Lungmen 1, 2
XSNM2003	General Atomics	LEU, 19.90%	4.5	kg	Turkey	TRIGA Mark II
XSNM2467/02	Nissho-Iwai	HEU, 45.80%	0	kg	Japan	Ext. Exp. Date
XSNM2468/02	Nissho-Iwai	HEU, 45.80%	0	kg	Japan	Ext. Exp. Date
XSNM2563	Combustion Engineering	LEU, 5.0%, as Powder or Pellets	160000	kg	South Korea	Ulchin 3, 4, In
XSNM2580	Transnuclear, Inc.	HEU, 93.3%, as Metal	69 345	kg	France	HFR Grenoble
XSNM2611	Transnuclear, Inc.	HEU, 93.45% as Metal	9 776	kg	Netherlands	HFR Petten
XSNM2641	Combustion Engineering	LEU, 5.0%, as Fuel Assemblies	218000	kg	CSFR	Unnamed Unit
XSNM2642	Combustion Engineering	LEU, 5.0%, Various Forms	1,0000	kg	South Korea	KNU 15, 16, In
XSNM2645	General Atomics	LEU, 19.9%, as Fuel Assemblies	20 813	kg	Albania	TRIGA Mark I
XSNM2650/01	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0 1071	kg	Sweden	Ringsås 2, 3,
XSNM2651	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0 06885	kg	Switzerland	Beznau 1, 2
XSNM2652	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0 0486	kg	South Korea	Various
XSNM2653	Gamma-Metrics	HEU, 93.12% (in fission chambers)	1 7585	kg	Japan	Various
XSNM2654	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0 153	kg	Taiwan	Maanshan 1, 2
XSNM2656	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0 3625	kg	Bulgaria	Various
XSNM2657	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0 1913	kg	Czechoslovakia	Temelin 1, 2
XSNM2658	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0 0785	kg	Romania	Cernavoda 1, 2
XSNM2659	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0 0785	kg	Yugoslavia	Krsko
XSNM2660	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0 153	kg	South Africa	Koeberg 1, 2
XSNM2661	Gamma-Metrics	HEU, 93.12% (in fission chambers)	2 6775	kg	USSR	Various
XSNM2702	Transnuclear, Inc.	Ir Fuel, 3.0%, Pu 4.566	102404	kg	France	Reprocessing
XSNM2753	Siemens Power Corp.	LEU, 5.0%, as UF6	22500	kg	EURATOM, Sweden	LWR Fuel in E
XSNM2763	Siemens Power Corp.	LEU, 5.0%, as UF2	35000	kg	Germany	Return of Scra
XSNM2779	DOE	HEU, 93.122% & LEU, 19.811% as Metal & Oxide	0 062	kg	Austria	IAEA Siebend
XSNM2784	General Atomics	LEU, 19.99%, 1kg Fuel & 100kg scrap; HEU, 290kg scrap	101 29	kg	United Kingdom	ICI TRIGA & U
XSNM2785	Westinghouse Electric	LEU, 4.5%, as Fuel Assemblies	342000	kg	Czech Republic	Initial Core & 4
XSNM2786	BAW Fuel Company	LEU, 5%, as Fuel Assemblies	416880	kg	Taiwan	Initial Core & 3
XSNM2789	Edlow International	LEU, 4.15%, as UF6	6938	kg	Japan	Sendai 2, 11



**EXPORT LICENSING ACTIONS FOR FEBRUARY 1994**

License	Buyer/Seller	Commodity	Quantity	Unit	Country	End-use
XSPM2792	Merubeni America Corp	LEU, 4.95%, as UF6	8673	kg	Japan	Shika 1, 2
XSPM2793	Eidow International	LEU, 4.5%, as UF6	42372	kg	South Korea	Yongkwang 4
XSPM2794	Mitsui & Co.	LEU, 4.95%, & Natural, as UF6	11863	kg	Japan	Onagawa 1, 10
XSPM2795	Mitsui & Co.	LEU, 4.95%, as UF6 & Natural, as UC2	19040	kg	Japan	Fukushima 1, 2
XSPM2796	Mitsui & Co.	LEU, 4.45%, as UF6	38972	kg	Japan	Kashizaki Ka
XSPM2797	Mitsui & Co.	LEU, 4.45%, as UF6	21323	kg	Japan	Kashizaki Ka
XSPM2798	Braunkohle Transport	LEU, 5.0%, "Heets" in cylinders	2000	kg	EURATOM	Return of "Heets"
XSPM2799	Siemens Power Corp	LEU, 5.0%, UC2 as ceramic pellets/powder	530000	kg	EURATOM	Fuel for LWRe

XSCR8728      General Electric      Natural U as UC2 power and/or pellets      80000      kg      Canada      Additional fabric

Total 74

	Date Applied	Date Received	Date to Expt. Br.	Date from Expt. Br.	Date Considered	Date Expires	Action	Type
at Core& Yongliwang 1 Reload	01/27/94	02/01/94		02/01/94			Pending	AS
	01/27/94	02/01/94		02/01/94			Pending	EB
	01/19/94	02/07/94		02/10/94			Pending	AS
15	01/21/94	02/07/94		02/10/94			Pending	AS
Shw 3. 2	01/24/94	02/07/94		02/10/94			Pending	AS
Shw 1. 8	01/24/94	02/07/94		02/10/94			Pending	AS
contained in cylinders	02/08/94	02/15/94		02/17/94			Pending	AS
EUFATOM	02/11/94	02/18/94		02/17/94			Pending	AS
ation & return to US	02/04/94	02/14/94		02/17/94			Pending	AS

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