

## NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20655-0001

March 16, 1994

Mr. Robin DeLaBarre, Acting Director Office of Export and Import Control Bureau of Political-Military Affair 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,

Finally Durcher

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

S. Dhir, DOC

M. Rosenthal, ACCA

J. Keith, EXODUS

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		AND REAL PROPERTY AND PROPERTY AND PROPERTY AND	PRINCE OF STREET			ALCOHOLOGICA MANAGEMENT
License	Applicant	Commudity	Quentity	Link	# Country	End-use
ministration of the same			And the same of th	CONTRACTOR OF THE PARTY OF THE	Manage 1	Service Service
Feb. 1982 1982	Completed Actions	The contract of the contract o				
XMAT387A32	UGAR Carbon Co.	Grephite Blocks	50000	kg	Japan	incr Quantity of
	Mitsubishi International	LEU, 4.15%, as UF6	12423	i kg	Japan	Sendal 2, 11
	Miteul & Co	LEU, 4 95%, as UF6	6305	s Ng	Japan	Harnaoka 1
XSMM2790	General Electric	LEU, 5.0%, as UO2	31900		Germany	Kernkraftwerk Kr
XSOXJ8727	Combustion Engineering	Dept. U as UO2 ceramic petiets in fuel rode	850	0 kg	Sweden	Testing of Fuel A
Total 5						
LORDOTT SIZE	Applications Received					
XCOM1088	General Electric	Ultrasonic Weld Inspection System	1		Spain	Use in ENUSA's
XSNM2792	Manuberii America Corp.	LEU, 4 95%, as UF6	8973	i ko	Japan	Shika 1, 2
XSNM2783	Ediow International	LEU, 4.5%, as UF6	42372		South Korea	Yongkwang # in
	Mitsus & Co.	LEU, 4 95%, & Natural, es UF6	11663		Japan	Onagaws 1, 10
	Mitsui & Co.	LEU, 4.95%, as UF6 & Natural, as UO2	19040		-Japan	Fukushima I, 2,
	Mitsul & Co.	LEU, 4 45%, as UF8	36972		Japan	Kashiwazaki Ka
KSNM2797	Mitsul & Co.	LEU, 4.45%, as UFB	21323	100	Japan	Kashiwazaki Ka
	Braunkohle Transport	LEU, 5.0%, "Heels" in cylinders	2000		EURATOM	Return of Theels
XSNM2799	Siemens Power Corp.	LEU, 5.0%, UCi2 as ceramic pellets/powder	530000		EURATOM	Fuel for LWFIs in
XSOU8726	General Electric	Natural U as UO2 power and/or pellets	6000X	kg	Canade	Additional fabric
Total: 10						
EDSKRIDETE	Pending					
XC/OM1033	DOE	Components, Reprocessing Plant	0	NS.	Japan	PNC Tokai Worl
KCOM1004	DOE .	Centrifugal Contactors		k\$	United Kingdom	UKAEA, Dounn
XCOM1041/01 3	Westinghouse	Steam Generator Plugs		kš	HU.PD.FI.RU.CSFR	Nuclear Power
XCOM1047 1	Westinghouse	Steam Generator Plugs	20000		HUJUSSA	Nuclear Power
	Carpenter Technology	Zircaloy-4 Channels, Fasteners	1000		Mexico	Lagune Verde
	Ciamma Metrica	Neutron Flux Monitor & Ctrl. Systems		146	Hungary	Paks 1, 2, 3, 4
XCOM1066 (	Gamma Metrics	Neutron Flux Monitor & Ctrl Systems		kš	Yugoslavia	Krako
	Gamma Metrica			1.5	USSR	Various
	CONTINUE MINISTER	Neutron Flux Monitor & Ctrl. Systems			Waters	T STITUTES
XGOM1070 (	Westinghouse	Components, Verlous		kS	South Africa	Krisham 1.2
XCOM1070 C XCOM1085 N				kS kS		Koeberg 1, 2 Wolvens 3
XGOM1020 0 XCOM1085 0 XCOM1086 0	Westinghouse	Components, Various		k\$	South Korea	Wolsong 3
XCOM1070 0 XCOM1085 1 XCOM1086 0 XCOM1087 0	Westinghouse Gitsch, Inc.	Components, Various Heavy Water Purification System	6300	k\$		The second secon
XCOM1070 ( XCOM1085 ( XCOM1088 ( XCOM1087 ( XCOM1088 (	Westinghouse Girtsch, Inc. Conax Buffalo Corp. General Electric	Components, Various Feavy Water Furfication System Components Ultrasonic Weld Inspection System		k\$	South Korea Finland	Wolsong 3 TVO 1 & 2
XIGOM1070 C XIGOM1085 N XIGOM1085 C XIGOM1087 C XIGOM1088 C	Westinghouse Giftsch. Inc. Conax Buffalo Corp. General Electric Penngraph, Inc.	Components, Various Heavy Water Purification System Components Ultrasonic Weld Inspection System Graphite		kS kS	South Korea Finland	Wolsong 3 TVO 1 & 2
XCOM1085 XCOM1085 XCOM1085 XCOM1085 XCOM1086 XCOM1086 XCOM1086 XCOM1086 XMAT363 F	Westinghouse Gittach, Inc. Conax Buffalo Corp. General Electric Paningraph, Inc. Cenngraph, Inc.	Components, Various Heavy Water Purification System Components Ultrasonic Waid Inspection System Graphite Graphite	6300	k\$ k\$	South Korea Finland Spain	Wolsong 3 TVO 1 & 2 Use in ENUSA:
XCOM1080 XCOM1080 XCOM1080 XCOM1080 XCOM1080 XCOM1080 XCOM1080 XCOM1080 XCOM1080 XMAT363 F	Westinghouse Gittsch. Inc. Conax Buffalo Corp. General Electric Panngraph, Inc. Penngraph, Inc. Peningraph, Inc.	Components, Various Heavy Water Purification System Components Ultrasonic Weld Inspection System Graphite	6300	ks ks kg kg	South Korea Finland Spain Brazil	Wolsong 3 TVO 1 & 2 Use in ENUSA: Electrodes
XCIOM1070 (C XCIOM1085 ) XCIOM1088 (C XCIOM1087 (C XCIOM1088 (C XMAT363 F XMAT364 F XMAT365 F XMAT367 P	Westinghouse Gittach, Inc. Conax Buffalo Corp. General Electric Paningraph, Inc. Cenngraph, Inc.	Components, Various Heavy Water Purification System Components Ultrasonic Waid Inspection System Graphite Graphite	6300 1 950 850	kS kS kg kg	South Korea Finland Spain Brazil Argentina	Wolsong 3 TVO 1 & 2 Use in ENUSA 1 Electrodes Electrodes

Page 1

	Date	Received	Date to	Date from	Date	Date		AT IN
Assessment Control of the St. of St. of St.	Add and a second	*** SECONDARY SECONDARY	Exec. Br.	Exeq. Mr.	Completed	Explien	Aotten	Type
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		1020000	11/03/93	12/14/93	02/10/94	12/31/95	festied	€9
	12/01/93	12/10/93	12/17/03	02/09/94	02/23/44	02/29/96	leaued	AS
	12/01/93	12/14/93	12/17/93	02/09/94	02/26/94	05/31/95	hearted	AS
	12/21/93	12/23/93	12/23/93	02/23/94	02/28/94	12/31/95	leaued	AS
Handling Equip	01/18/94	01/31/64	02/08/64	02/18/94	02/23/94	12/31/99	resued	AS
tation facility	02/09/04		10000					
	DESCRIPTION .	02/17/94	02/24/94				Pending	EB
and and an arrangement of the same of the	01/27/94	02/01/94	02/01/94				Pending	AS
onglowing 1 Reload	01/27/94	02/01/94	02/01/94	. Δ	NSTE(		Pending	EB
	01/19/94	02/07/84	02/10/94				Pending	AS
	01/21/94	02/07/94	02/10/94	A D	ERTU		Pending	AS
	01/24/94	02/07/94	02/10/94	1.0			Pendag	AS
No finding to the	01/24/94	02/07/94	02/10/94				Pending	AS
in cylinders	02/09/94	02/15/94	02/17/94				Pending	AS
	02/11/94	02/16/94	02/17/94				Pending	AS
um to US	02/04/94	02/14/94	02/17/94	Alex			Pending	AS
								-
						M.		
	01/22/90	01/24/90	02/02/90			100		
	01/22/90	01/24/90	02/02/90				Pending	68
	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	06/07/91				Pending	EB
	06/07/91	06/06/91	09/27/91				ending	EB
	08/07/91	08/08/91	09/27/91				handing	EB
	08/07/91	08/06/91	09/27/91				<sup>2</sup> anding	68
	11/17/93	11/18/93	11/26/93				ending	EB
	11/23/93	11/24/93	11/30/93				ending/Prop.	EÐ
	01/11/94	01/12/94	01/26/94				ending/Prop	EB
Bion facility	02/09/94	02/17/94	02/24/94				ending	EB
							ending	EB
	06/13/91	08/19/91	06/27/91				ha maddin in	20.00
Carlotte and the	06/13/91	06/19/91	06/27/91				hending	EB
	06/13/91	06/19/91	06/27/91				ending	EB
	06/13/91	06/19/91	06/27/91				ending	EB
	06/13/91	06/19/91	06/27/91				ending	EB
The state of the s		- Commerce				P	ending	EB

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			Quentity	# Sun B	Co who	End-use
License	Appliquat	Commodify	White	LATIN	LG muy	Acres some
XMAT370	Penngraph, Inc.	Graphite	35000	kg	A:gentina	Electrodes
XMAT370 XMAT371	Penngraph, Inc.	Graphite	850	kg	Singapore	Electrodes
	Penngraph, Inc.	Graphite	950	kg	India	Electrodes
XMAT374	The state of the s	Graphite	950	kg	Indonesia	Electrodes
XMAT375	Penngraph, Inc.	Graphite	950	kg	Australia	Electrodes
XMAT376	Penngraph, Inc.	Graphite	950	kg	Australia	Electrodes
XMAT377	Panngraph, Inc. Panngraph, Inc.	Graphite	35000	kg	Singapore	Electrodes
XMAT378 XMAT381	Penngraph, Inc.	Graphile	35000	kg	India	Electrodes
Control of the Contro	Penngraph, inc.	Graphite	35000	kg	Indonesia	Electrodes
SBETAMX	Penngraph, Inc.	Graphita	35000	kg	Australia	Electrodes
XMAT383 XMAT364	Penngraph, Inc.	Graphite	35000	kg	Australia	Electrodes
		PWR 810 MWE		15	Sweden	Add Reactor W
XB069/14	Westinghouse	PWR, 1876 MWR and Equipment	0	1:5	Yugoslavië	Ext Exp Date
XR107/04	Westinghouse	Persearch Reactor, TRIGA-Mk II, 3 MW1	500		Bangladesh	Ext. Exp. Date,
XB126/04	General Atomics		1700		Albania	TRIGA Mark I
XR154	General Atomics	Research Reactor	600000		CSFR	Unnamed Sites
XR160	Combustion Engineering	PWR, 1300 MWE, 2	500000		United Kingdom	Setiatield and 0
XF161	Combustion Engineering	PWR, 1300 MWE, 2	300000		South Korea	KNU 15, 16
XB162	Combustion Engineering	PWR, 1000 MWE, 2	S. A.		Service Comme	
XSNM1087/05	Westinghouse	LEU, 4 50%, as Fuel Ansemblies		kg	Yugoslevie	Ext. Exp. Date Lungmen 1, 2
XSNM1719/01	Westinghouse	LEU, 5.00%, as Fuel Assemblies	188000	-	Talwan	TRIGA Mark II.
XSNM2063	General Atomics	LEU, 19.90%		kg	Turkey	Ext Exp Date
XSNM2467/02	Nissho-Iwai	HEU, 45 90%		kg	Japan	STATE OF THE PARTY
XSNM2468/02	Nisaho-lwai	HEU, 45.80%		kg	Japan	Ulchin 3, 4, Infi
KSNM2563	Combustion Engineering	LEU, 5.0%, as Powder or Pellets	180000		South Korea	HFR Grenoble
XSNM2580	Transnuclear, Inc.	HEU, 93.3%, as Metal	69 345		France	HFR Petton
XSNM2511	Transnuclear, inc.	HEU. 93.45% as Metal	9.776	2.00	Netherlands	Unnamed Units
XSNM2641	Combustion Engineering	LEU, 5.0%, as Fuel Assemblies	218000		CSFR	KNU 15, 18, In
XSNM2042	Combustion Engineering	LEU, 5.0%, Various Forme	1,0000		South Korea	TRIGA Mark I,
XSNM2645	General Atomics	LEU, 19.9%, as Fuel Assemblies	20.813		Albania	Pinghais 2, 3,
XSNM2650/01	Garrina Metrica	HEU, 93. (2% (in fission chambers)	0.1071	-	Sweden	Beznau 1, 2
XSNM2051	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0.06885	1.37	Switzenand	Various
XSNM2652	Gamma-Metrics	HEU, 93 12% (in fission chambers)	0.9486	100	South Korea	Various
XSNM2653	Gamma-Metrics	HEU, 93.12% (in feaion chambers)	1.7595		Japan	Meanshan 1, 2
XSNM2654	Gamma-Metrics	HEU, 93.12% (in fesion chambers).	0.153	100	Taiwan	Various
XSNM2656	Gamma-Metrics	HEU, 93.12% (in fission chembers)	0.3625		Bulgarie	Temelin 1, 2
XSNM2657	Gamma-Metrics	HEU, 93 12% (in hasion chambers)	0 1913		Czechoslowakia	Cernavoda 1, 2
XSNM2658	Garnma-Metrics	HEU, 93.12% (in fission chambers)	0.0765		Romania	
XSNM2650	Gamma-Metrics	HEU, 93.12% (in fission chambers)	0.0785		Yugoslavia	Krsko Koeberg 1, 2
XSNM2660	Carrona-Metrics	HEU, 93.12% (in fesion chambers)	0.153		South Africa	Various
XSNM2661	Gamma-Metrics	HEU, 83 12% (in fission chambers)	2.6775		USSA	
XSNM2702	Transnuclear, inc.	in: Fuel, 3.0%, Pu 4.568	102404	100	France	Reprocessing t
XSNM2753	Siamens Power Corp.	LEU. 5.0%, as UF8	22500	3 (170)	EURATOM, Sweden	Neturn of Scra
XSNM2763	Siemen# Power Corp.	LEU, 5.0%, es UO2	35000	-	Germany	
XSNM2779	DOE	HEU, 93 122% & LEU, 19.811% as Metal & Oxide	0.062		Austria	IAEA Siebersd
XSNM2764	General Atomics	LEU, 19 99%, 1kgFuel&100kgscrap;HEU, 290kgscrap	101.29		United Kingdom	ICI TRIGA & U
XSNM2785	Westinghouse Electric	LEU, 4.5%, as Fuel Assemblies	342000		Czech Republic	initial Core & 4
XSNM2786	B&W Fuel Company	LEU, 5%, as Fuel Assemblies	416886		Taiwan	Initial Core & 3
XSNM2789	Edlow International	LEU, 4.15%, as UF6	6936	kg .	Japan	Sendar 2, 11

	Date	Date	Date to	Date from Date	Date	
	Applied	Received	Exec. Br.	Exec. Br. Completed Ex	piree Action	Type
	06/13/91	08/19/91	06/27/91		Pending	EB
	06/13/91	08/19/91	06/27/91		Pending	EB
	06/19/91	06/20/91	06/27/91		Pending	EB
	06/19/91	06/20/91	06/27/91	A A S of the specific per person	Pending	EB
	06/19/91	06/20/91	06/27/91	ANSTEC	Pending	EB
	08/19/91	06/20/91	06/27/91	A STATE OF THE PARTY OF THE PAR	Pending	EB
	06/19/91	06/20/91	06/27/91	APERTURE	Pending	EB
	06/19/91	06/20/91	06/27/91		Pending	EB
	06/19/91	06/20/91	06/27/91	CARD	Panding	EB
	06/19/91	08/20/91	06/27/91		Pending	EB
	08/19/91	08/20/91	06/27/91		Pending	EB
riead	11/16/93	11/17/93	11/29/93	Also Available on	Pending/Prop.	EB
	07/23/91	07/23/91	1100000		Pending	GE
6, Auth. Re-export	04/09/92	04/21/92	04/27/92	Aperture Card	Pending	EB
A Comment of the Comm	10/09/90	10/10/90	10/12/90		Pending	EB
MWE	08/02/91	08/05/91	06/07/91		Pending	EB
Hoross 1300 MWE	08/02/91	06/05/91	08/07/91		Pending	68
	06/02/91	06/05/91	06/07/91		Pending	EB
	07/23/91	07/23/91	12/19/91		Pending	EB
	11/C3/93	11/04/93	11/26/93		Pending	EB
ecs	07/26/83	07/29/83	08/04/83		Pending	EB
	01/11/94	01/12/94	01/12/94		Pending	GE
	01/11/94	01/12/94	01/12/94		Pending	GE
res	08/31/90	09/05/90	09/12/90		Pending	EB
	12/19/90	01/02/91	01/10/91		Pending	EB
	05/07/91	06/10/91	05/21/91		Pending	EB
nitial Cores	08/02/91	08/05/91	06/07/91		Pending	EB
orea	06/02/91	06/05/91	08/07/9		Pending	EB
Core	08/06/91	06/06/91	09/03/91		Pending	EB
	08/07/91	08/08/91	09/27/91		Pending	AS
	08/07/91	06/08/91	09/27/91		Pending	AS
	06/07/91	08/08/91	09/27/91		Pending	AS
	08/07/91	08/08/91	09/27/91		Pending	EB
	08/07/91	06/06/91	09/27/91		Pending	AS
	06/07/91	19/36/30	09/27/91		Pending	EB
	OB/07/91	08/08/91	09/27/91		Pending	68
5	08/07/91	06/06/91	09/27/91		Pending	EB
	08/07/91	08/08/91	09/27/91		Pending	EB
	06/07/91	06/06/91	09/27/01		Pending	EB
	08/07/91	06/08/91	09/27/91		Pending	EĐ
diated Fuel Flods	07/21/92	07/21/92	08/05/32		Pending	EB
DM and Swaden	06/04/93	06/04/93	06/06/93		Pending	AS
Nectivery	07/23/93	07/26/93	07/30/93		Pending	AS
b Calb Std	09/16/93	11/01/93	11/09/93		Pending	EB
& Scrap	11/22/93	11/26/93			Pending	AS
scts Terretin 1 & 2		12/03/93	11/30/93		Pending	EB
ads Lungmen 1 & 2	12/01/93		12/21/93		Pending	EB
was mandament + gr 5.		12/03/93	12/17/83			AS
	12/16/93	12/17/93	12/21/93		Pending	Pica

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X9NM2792	Merubeni America Corp.	LETT, 4.90%, as UF8	8973	NO	Japan	Shika 1, 2
KBNM2793	Edlow International	LEU, 4.5%, se UF6	42372	kg.	South Korea	Yongkwang 41
KS94M2794	Milleut & Co.	LEU, 4.95%, & Netural, se LF6	11863	kg	Japan	Onageres 1, 10
X59NM2795	Mittacat & Co.	LEU, 4.95%, as UF6 & Natural, as UC2	19040	kg	Japan	Fukuehime I, 2
KBNM2796	Mitsul & Co.	LEU, 4.45%, as UFB	389.72	kg	Japan	Kashiwezaki Ki
K9NM2797	Miteul & Co.	LEU, 4.45%, as UF8	21323	NO	Japan	Kashheszaki Ki
KSHM2796	Braunkohle Transport	LEU, 5.0%, 'Heele' in cylinders	2000	102	EURATOM	Floturn of Theat
KSF4M2799	Stemens Power Corp.	LEU, 5.0%, UC2 as caramic pellets/powder	530000	NO.	MOTARGE	Fuel for LWFlar

XSC038728 General Exictric Natural U as UG2 power and/or petlets

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	Date	Date	Oute to	Data from	Defa	Davis	05-100 <b>3</b> 400
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	01/27/94	02/01/94	02/01/94			Pending	AS
elt Core& Yongkwang 1 Reload	01/27/94	02/01/94	02/01/94			Panding	EB
	01/19/94	02/07/94	02/10/94			Pending	
15	01/21/64	02/07/94	02/10/94			Pending	AB AB AB
Phone 3, 2	01/24/94	02/07/94	02/10/64			Pending	AS
riwa 1, di	01/24/94	02/07/94	06/10/94			Pending	AS
contained in cylinders	02/08/94	02/15/94	002/17/04			Panding	AS
EUFIATOM	02/11/94	02/16/94	02/17/94			Pending	BA BA
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at this							
allon & return to US	02/04/94	02/14/64	02/17/94			Pending	AS

ANSTEC APERTURE CARD

Also Available on Apenure Card

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