



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

DCS/DF02  
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OCT 15 1990

Mr. Robin DeLaBarre  
U.S. Department of State  
OES/NEC  
Room 7820  
Washington, D.C. 20520

Dear Mr. DeLaBarre:

Enclosed is an updated list of all pending NRC export license applications, along with lists of the new applications received in September and the cases completed in September.

Sincerely,

Ronald D. Hauber, Acting Assistant Director  
for International Security, Exports and  
Materials Safety  
Office of Governmental and Public Affairs

Enclosures:

1. Pending Applications
2. New Applications
3. Completed Cases

cc w/Enclosures:

H. Denton, GPA  
N. Martin, DOE  
T. Hart, DOE  
C. Thorne, DOS  
L. Burdick, DOD  
G. Kuzmycz, DOD

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PDR XPORT  
XB-1281

PDC

## PENDING NRC EXPORT LICENSE APPLICATIONS AS OF OCTOBER 1, 1990

LICENSE NUMBER	DATE OF RECEIPT	DATE TO EX BR	APPLICANT/ LICENSEE	QUANTITY KG/CI/\$	COMMODITY DESCRIPTION	IMPORTING COUNTRY	END-USE	TYPE
XB1281	09/05/90	09/15/90	Edlow	5,000.00	Tritium (Gas)	United Kingdom	Research	EB
XCOM0862	02/13/84	02/17/84	Bingham-Willamette	\$444,159.00	Pump Parts	India	RAPP 1&2	EB
XCOM1027	09/14/89	09/19/89	Carpenter	\$10,000,000.00	Shroud Tube Assmb.	Argentina	Atucha 1&2	EB
XCOM1032/01	09/17/90	09/21/90	Westinghouse	Proprietary	Steam Generator Plugs	Bulgaria	Kozloduy 1,2,3,4	EB
XCOM1033	01/24/90	02/02/90	DOE	Unknown	Reprocessing Plant Components	Japan	PNC Tokai Works	EB
XCOM1034	01/24/90	02/02/90	DOE	Unknown	Centrifugal Contactors	United Kingdom	URAEA, Dounreay	EB
XCOM1036	03/21/90	03/23/90	Talodyne Wah Chang	\$1,050,000.00	Zircaloy Tubes	Finland	Oibluoto 1&2 Fuel Comps.	EB
XCOM1037	04/12/90	04/13/90	Carpenter Technology	\$3,000,000.00	Zircaloy-4 Tubes	Finland	Oibluoto 1&2 Fuel Comps.	EB
XCOM1040	05/01/90	05/10/90	Westinghouse	Proprietary	Steam generator plugs	East Germany	Nord 1,2,3 and 4	EB
XCOM1041	05/21/90	05/24/90	Westinghouse	Proprietary	Steam generator plugs	CZ,HU,PD,FI,RU	Nuclear Power Plants	EB
XCOM1042	06/28/90	06/29/90	Westinghouse	Proprietary	Plant Monitoring & Control System	Czechoslovakia	Mochovce 1&2	EB
XCOM1044	07/26/90	07/31/90	Rosemount, Inc.		2 Pressure Transmitters # 1153	China	Qinshan 1	EB
XCOM1045	08/16/90	08/21/90	General Atomics	\$69,500.00	Upgrade & replacement parts	Yugoslavia	TRIGA Mark II	EB
XMAT350	08/09/90	08/17/90	Hi-Mark Research	240,000.00	Graphite	Korea	Electrode Mfg.	EB
XMAT351	08/09/90	08/17/90	Hi-Mark Research	900.00	Graphite	West Germany	Electrode Mfg.	EB
XMAT352	08/09/90	08/17/90	Hi-Mark Research	40,000.00	Graphite	West Germany	Electrode Mfg.	EB
XR153	09/05/90	09/13/90	Combustion Eng.	\$300,000,000.00	Two Nuclear Utilization Facilities	Korea	Uchin 3 & 4	EB
XSNM1431/04	07/23/90	07/26/90	Westinghouse	0.00	LEU, 4.00%, Fuel Assmb.	Taiwan	Maoshan 1&2	AS
XSNM1749	10/07/80	10/10/80	DOE	37.20	LEU, 19.77%	Romania	Prost TRIGA	EB
XSNM2083	07/29/83	08/04/83	General Atomics	4.50	LEU, 19.90%	Turkey	Cekmece TRIGA Mk-II	EB
XSNM2384/02	07/16/90	07/16/90	Edlow	0.00	HEU, 93.3%	Romania	Ext. Exp. Date	GE
XSNM2467	07/10/89	07/20/89	Nissho-Iwai	85.56	HEU, 45.0%	Japan	JMTR	EB
XSNM2468	07/10/89	07/20/89	Nissho-Iwai	25.07	HEU, 45.0%	Japan	JRR-2	EB
XSNM2497	01/16/90	01/19/90	Mitsui	11,904.00	LEU, 3.45%, as UO2	Japan	Hamaoka 1	AS
XSNM2500	01/18/90	01/19/90	Edlow	3.35	LEU, 2.98%, Irr. TMI Samples	Japan	PIE at Tokai	AS
XSNM2522	04/04/90	04/06/90	General Atomics	0.20	LEU, 19.9%, as UZrH Fuel Element	Zaire	TRIGA Mk-II, Kinehoce	EB
XSNM2530	05/04/90	05/10/90	ANF	200,000.00	LEU, 5.00%, as UO2 Powder/Pellets	West Germany	Fab for EURATOM LWRe	AS
XSNM2534	05/18/90	05/24/90	Transnuclear	56.71	HEU, 93.3%, as UF6	France	HFR Grenoble	EB
XSNM2535	05/21/90	05/24/90	Edlow	6,953.00	LEU, 4.15%, as UF6	Japan	Tsuruga 2	AS
XSNM2536	05/24/90	05/31/90	Transnuclear	10.06	LEU, 3.50%, as UO2 in Test Rods	West Germany	Return to Siemens after Tests	AS
XSNM2537	05/29/90	05/31/90	Mitsui	19,321.00	LEU, 3.85%, as UF6	Japan	Fukushima 1,5	AS
XSNM2538	06/02/90	06/06/90	Mitsui	21,982.00	LEU, 4.35%, as UF6	Japan	Hamaoka 2	AS
XSNM2540	06/06/90	06/07/90	Marubeni	2,708.00	LEU, 3.95%, as UF6	Japan	Shimane 1	AS
XSNM2543	06/15/90	06/15/90	Mitsui	5,671.00	LEU, 3.95%, as UF6	Japan	Fukushima 1,5	AS

## PENDING NRC EXPORT LICENSE APPLICATIONS AS OF OCTOBER 1, 1990

LICENSE NUMBER	DATE OF RECEIPT	DATE TO EX BR	APPLICANT/ LICENSEE	QUANTITY KG/CI/S	COMMODITY DESCRIPTION	IMPORTING COUNTRY	END-USE	TYPE
XSNM2544	06/19/90	06/21/90	Marubeni	11,407.00	LEU, 3.95%, as UO2	Japan	Shimane 1	AS
XSNM2547	06/28/90	08/27/90	Marubeni	10,465.00	LEU, 4.35%, as UO2	Japan	Hamaoka 2	AS
XSNM2548	06/28/90	06/28/90	Edlow	18,599.00	LEU, 3.60%, as UF6	South Korea	Kori 1	AS
XSNM2549	07/09/90	07/11/90	Edlow	22,681.00	LEU, 2.05%, as UF6	Japan	Ohi 4 (Initial Core)	EB
XSNM2550	07/09/90	07/11/90	Edlow	11,040.00	LEU, 4.05%, as UF6	Japan	Takahama I	AS
XSNM2551	07/09/90	07/11/90	Mitsubishi	10,777.00	LEU, 4.05%, as UF6	Japan	Tatsushima I	AS
XSNM2552	07/09/90	07/11/90	Mitsubishi	67,565.00	LEU, 4.15%, as UF6	Japan	Ohi 4 (Initial Core)	EB
XSNM2553	07/10/90	07/11/90	Tranuclear	16.08	HEU, 93.35%, as Metal	Canada	Fab. Target Mat'l/Prod. Medical Isotop	EB
XSNM2554	07/16/90	07/16/90	Marubeni	1.48	LEU, 5.0%, as UF6	Japan	Stand. Samples for Calibration	AS
XSNM2555	07/19/90	07/28/90	Marubeni	6,030.00	LEU, 3.45%, as UO2	Japan	Futushima I, 5	AS
XSNM2556	07/27/90	07/31/90	Edlow	23,088.00	LEU, 4.05%, as UF6	Japan	Wohama-3, Regions 17A and C	AS
XSNM2559	08/15/90	08/22/90	Mitsubishi	21,351.00	LEU, 3.45%, as UF6	Japan	Genical 2, Region 13	AS
XSNM2560	08/24/90	08/24/90	Mitsui	16,168.00	LEU, 3.95%, as UF6	Japan	Futushima II, Unit 1	AS
XSNM2561	09/04/90	09/12/90	Westinghouse	450.00	LEU, 4.0%, as uranium oxide powder	Japan	Sample material for testing	AS
XSNM2562	09/04/90	09/12/90	Westinghouse	450.00	LEU, 4.0%, as uranium oxide powder	United Kingdom	Sample material for testing	AS
XSNM2563	09/05/90	09/12/90	Combustion Eng.	160,000.00	LEU, 5.0%, as powder or pellets	Korea	Initial Core Uichin 3 & 4	EB
XSNM2564	09/12/90	09/13/90	Marubeni	27,474.00	LEU, 3.95%, as UF6	Japan	Futushima II, Unit 4	AS
XSNM2565	09/19/90	09/21/90	Mitsui	13,421.00	LEU, 3.95%, as UF6	Japan	Futushima II, Unit 1	AS
XSNM2566	09/24/90	09/28/90	Edlow	21,131.00	LEU, 3.55%, as UF6	Korea	Kori 3	AS
XU08684	10/16/89	10/17/89	Braunkohle	481,575.00	U (As U3O8)	France	Conv. Rtn to US, L. Verde	AS
XU08691	01/16/90	02/02/90	Mitsui	126,795.00	U (As UF6)	Japan	Enrichment (TEPCO Reactor)	EB
XSOU8697	08/24/90	08/31/90	General Electric	35.91	UO2 GD2 O3 pellets	Japan	Export/Rtn to Japan from US	AS

**TOTAL NUMBER OF CASES 50**

\*TYPE OF CASE: EB=EXECUTIVE BRANCH REVIEW, AS=ASSURANCE LETTER REQUIRED, GE=NRC REVIEW ONLY

## NRC EXPORT CASES RECEIVED IN SEPTEMBER 1990

LICENSE NUMBER	DATE OF RECEIPT	DATE TO EX BR	EB VIEWS RECEIVED	APPLICANT/ LICENSEE	QUANTITY KG/CI/\$	COMMODITY DESCRIPTION	IMPORTING COUNTRY	END-USE
XB1281	09/05/90	09/19/90	Pending	Edlow	5,000.00	Tritium (Gas)	United Kingdom	Research
XCOM1032/01	09/17/90	09/21/90	Pending	Westinghouse	Proprietary	Steam Generator Plugs	Bulgaria	Kozloduy 1,2,3,4,5
XR153	09/05/90	09/13/90	Pending	Combustion Eng.	\$300,000,000.00	Two Nuclear Utilization Facilities	Korea	Uchin 3 & 4
XSNM2516/01	09/04/90	09/04/90	09/04/90	Edlow	0.00	LEU, 4.05%, as UF6	Japan	Mihama 2
XSNM2527/01	09/17/90	09/17/90	09/21/90	Westinghouse	0.00	Add Additional Supplier	Canada	PIE, Chaik River
XSNM2561	09/04/90	09/12/90	Pending	Westinghouse	450.00	LEU, 4.0%, as uranium oxide powder	Japan	Sample material for testing
XSNM2562	09/04/90	09/12/90	Pending	Westinghouse	450.00	LEU, 4.0%, as uranium oxide powder	United Kingdom	Sample material for testing
XSNM2563	09/05/90	09/12/90	Pending	Combustion Eng.	160,000.00	LEU, 5.0%, as powder or pellet	Korea	Initial Core Uchin 3 & 4
XSNM2564	09/12/90	09/13/90	Pending	Marubeni	27,474.00	LEU, 3.95%, as UF6	Japan	Fukushima II, Unit 4
XSNM2565	09/19/90	09/21/90	Pending	Mitsui	13,421.00	LEU, 3.95%, as UF6	Japan	Fukushima II, Unit 1
XSNM2566	09/24/90	09/28/90	Pending	Edlow	21,131.00	LEU, 3.55%, as UF6	Korea	Kori 3

**11 CASES**

## NRC EXPORT CASES COMPLETED IN SEPTEMBER 1990

LICENSE NUMBER	DATE OF RECEIPT	DATE TO EX BR	EB VIEWS RECEIVED	ISSUED/ COMPLETE	APPLICANT/ LICENSEE	QUANTITY KG/CI/S	COMMODITY DESCRIPTION	IMPORTING COUNTRY	END-USE	DATE OF EXPIRATION
XB1280	04/14/90	05/17/90	07/18/90	09/12/90	SRB Technologies	500,000.00	Tritium (Gas)	Canada	Light Source Mfg.	07/31/92
XCOM1032	01/18/90	02/08/90	07/24/90	09/09/90	Westinghouse	Proprietary	Steam Generator Plugs	Bulgaria	Kozioduy 1,2,3,4,5	09/30/92
XMAT349	07/28/90	07/31/90	09/21/90	09/21/90	General Atomics	4.00	Graphite	France	Silo, Irradiation Tests	09/28/91
XR089/12	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 800 MWE	Sweden	Add I/Cs	09/14/99
XR081/09	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 826 MWE	Brazil	Add I/Cs	12/31/94
XR083/05	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 556 MWE	South Korea	Add I/Cs	12/31/2013
XR088/05	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR's, 930 MWE	Spain	Add I/Cs	09/27/2014
XR089/07	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR's, 900 MWE	Spain	Add I/Cs	09/27/2014
XR090/07	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 930 MWE	Spain	Add I/Cs	12/31/94
XR095/05	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 915 MWE	Sweden	Add I/Cs	09/15/99
XR099/07	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 930 MWE	Spain	Add I/Cs	12/31/94
XR103/05	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 915 MWE	Sweden	Add I/Cs	09/15/99
XR107/03	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 832 MWE	Yugoslavia	Add I/Cs	12/31/95
XR113/05	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR's, 990 MWE	Taiwan	Add I/Cs	01/31/2002
XR119/05	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 805 MWE	South Korea	Add I/Cs	12/31/2013
XR120/02	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 820 MWE	Philippines	Add I/Cs	12/31/95
XR122/05	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR, 982 MWE	Spain	Add I/Cs	12/31/95
XR131/05	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR's, 950 MWE	South Korea	Add I/Cs	12/31/2005
XR133/04	09/19/90	09/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	PWR's, 950 MWE	South Korea	Add I/Cs	12/31/2014
XR148/03	08/19/90	08/26/90	09/08/90	09/12/90	Westinghouse	\$0.00	Prim. Coolant Pumps	United Kingdom	Add I/Cs	12/31/94
XSNM2161/14	08/27/90	08/31/90	09/12/90	09/13/90	ANF	0.00	LEU, 5.00%, as UO2	EURATOM	Various LWR's	09/30/94
XSNM2516/01	09/04/90	09/04/90	09/04/90	09/08/90	Edlow	0.00	LEU, 4.05%, as UF6	Japan	Mihama 2	09/30/91
XSNM2527/01	09/17/90	09/17/90	09/21/90	09/21/90	Westinghouse	0.00	LEU, 2.35% (irr.), 550 gms Pu	Canada	PIE, Chalk River	12/31/91
XSNM2531	05/05/90	05/10/90	09/21/90	09/26/90	ANF	82,000.00	LEU, 5.00%, as UO2 Powder/Pellets	Sweden	Swedish LWRs	09/30/95
XSNM2532	05/07/90	05/10/90	09/21/90	09/25/90	Mitsubishi	25,841.00	LEU, 4.15%, as UF6	Japan	Teurugu 2	09/30/92
XSNM2542	09/12/90	09/14/90	09/27/90	09/27/90	Marubeni	25,988.00	LEU, 4.45%, as UF6	Japan	Kashiwazaki Reactor 5	11/30/91
XSNM2557	07/28/90	07/31/90	09/25/90	09/28/90	General Atomics	0.05	LEU, 19.9%, as UCO	France	Silo, Irradiation Tests	09/28/91
XSNM2558	08/09/90	08/21/90	09/25/90	09/28/90	Edlow	1,000.00	LEU, 5.0%, as heels	Various	Return of heels in cylinders	09/31/95

TOTAL NUMBER OF CASES 29