



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

DCS/DF02  
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OCT 15 1990

Mr. Carlton E. Thorne, Director  
Office of Nuclear Export Control  
Bureau of Oceans and International  
Environmental and Scientific Affairs  
U.S. Department of State  
Washington, D.C. 20520

Dear Mr. Thorne:

Attached is a letter from Edlow International Company dated October 9, 1990 requesting an amendment to export license application XSNMJ2500 to increase the quantity of material to be exported.

Please consider this request in conjunction with the original application which was forwarded to you on January 19, 1990.

Sincerely,

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

Enclosure:  
Ltr. dtd. 10/9/90  
(XSNM02500 - Japan)

cc w/Enclosure:  
T. Hart, DOE  
R. DeLaBarre, DOS  
N. Martin, DOE  
M. Rosenthal, ACDA  
L. Burdick, DOD  
G. Kuzmycz, DOC

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XSNM02500  
11004248

Edlow International Company  
1666 Connecticut Ave., N.W., Suite 500  
Washington, D.C. 20009 U.S.A.  
Tel (202) 483-4959  
Tlx 64387 & 6491095  
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October 9, 1990

Ms. B. Wright  
Export/Import and International Safeguards  
Office of International Programs  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Ms. Wright:

REFERENCE: XSNM02500

Pursuant to our conversation of today regarding Edlow International Company's pending export license XSNM02500, please find attached updated information supplied by EG&G which provides additional detail on the quantities of total uranium and U-235 as well as the quantities of principal radionuclides; please note that this new information slightly increases the material quantities. Please accept this attached information as an amendment to the above mentioned pending application.

Please do not hesitate to contact me if you require any additional information in support of this application.

Sincerely,

B. H. Fisk  
Vice President, International

Attachment

EXPORT IMPORT  
INT'L SAFEGUARDS

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## List of TMI-2 Core Sample to Japan

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## ① Upper Core Debris (4 samples)

Sample No.	Container No.	Weight	U-total	U-235	Pu-total	Pu-239	Pu-241	Rock/Rod/Epoxy
M11-P1	C	1611	1047.15	31.41	2.48	0.07	0.00	Rock
M11-P10	A	62.6	40.69	1.21	0.10	0.00	0.00	Rock
E9-4	10	6.8	6.04	0.18	0.01	0.00	0.00	Rock
E8-1	11	12.3	7.9	0.24	0.02	0.00	0.00	Rock

## ② Fuel Rod Segment from Peripheral Core Region (2 samples)

Sample No.	Container No.	Weight	U-total	U-235	Pu-total	Pu-239	Pu-241	Rock/Rod/Epoxy
FRod Seg #6	41	80.6	71.82	2.12	0.17	0.00	0.00	Rod
FRod S-28	54	80.8	48.81	1.45	0.11	0.00	0.00	Rod

## ③ Lower Head Debris (3 samples)

Sample No.	Container No.	Weight	U-total	U-235	Pu-total	Pu-239	Pu-241	Rock/Rod/Epoxy
7-7	1	0.4	0.28	0.007	0.00	0.00	0.00	Rock
11-4-B	4	1.8	0.84	0.025	0.00	0.00	0.00	Epoxy
11-6-B	6	8.5	8.27	0.07	0.01	0.00	0.00	Epoxy

## ④ Core Bore Upper Crust (10 samples)

Sample No.	Container No.	Weight	U-total	U-235	Pu-total	Pu-239	Pu-241	Rock/Rod/Epoxy
D8-P3-D3	B	74.8	48.49	1.45	0.11	0.00	0.00	Epoxy
D8-P3-D4	A	59.8	38.87	1.16	0.08	0.00	0.00	Rock
D8-P3-E	B	106	69	2.0	0.16	0.00	0.00	Epoxy
D8-P3-A3	A	35.2	22.88	0.68	0.05	0.00	0.00	Epoxy
D8-P3-A4	A	82.2	25.48	0.76	0.06	0.00	0.00	Epoxy
D8-P3-A5	A	22.2	14.43	0.43	0.03	0.00	0.00	Epoxy
G8-P11-A	B	93.5	60.77	1.81	0.14	0.00	0.00	Epoxy
G8-P11-D	C	390	253.5	7.55	0.60	0.02	0.00	Epoxy
G8-P11-G	A	209	135.85	4.04	0.32	0.01	0.00	Epoxy
G8-P11-K	B	86.9	66.09	1.67	0.13	0.00	0.00	Epoxy



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⑤ Core Bore Rock (17 samples)

Sample No.	Container No.	Weight	U-total	U-235	Pu-total	Pu-239	Pu-241	Rock/Rod/Epoxy
G12-P1-D4	A	38.8	25.22	0.75	0.06	0.00	0.00	Epoxy
O7-P4-A	B	136.5	88.72	2.84	0.21	0.01	0.00	Epoxy
O7-P4-F	B	147.9	96.13	2.86	0.23	0.01	0.00	Epoxy
D4-P2-C	3	6.2	4.03	0.12	0.01	0.00	0.00	Rock
G8-P8-A	6	20.5	13.32	0.40	0.03	0.00	0.00	Rock
G12-P8-B	14	48.5	31.5	0.94	0.07	0.00	0.00	Rock
G12-P3-A	A	45	29.25	0.87	0.07	0.00	0.00	Rock
G12-P2-D	13	40.5	26.32	0.78	0.06	0.00	0.00	Rock
H9/K9-P4	9	28	18.8	0.50	0.04	0.00	0.00	Rock
H9/K9-P8	16	72.3	48.99	1.40	0.11	0.00	0.00	Rock
H9/K9-P5	12	30.4	17.76	0.58	0.04	0.00	0.00	Rock
N5-P1-F	7	17.9	11.63	0.35	0.03	0.00	0.00	Rock
N12-P1-B	15	0.65	0.42	0.01	0.00	0.00	0.00	Rock
O7-P1-A2	8	3.8	2.47	0.074	0.01	0.00	0.00	Rock
D9-P2-C	B	135.6	88.14	2.83	0.21	0.01	0.00	Epoxy
D8-P2-D	B	92.7	60.25	1.79	0.14	0.00	0.00	Epoxy
G12-P1-E	C	60.6	39.89	1.17	0.09	0.00	0.00	Epoxy

⑤ Core Bore Fuel Rod/Control Rod (17 samples)

Sample No.	Container No.	Length	U-total	U-235	Pu-total	Pu-239	Pu-241	Rock/Rod/Epoxy
D4-R12-2	48	4"	71.92	2.12	0.17	0.00	0.00	Rod
D4-R12-4	47	4"	71.92	2.12	0.17	0.00	0.00	Rod
D4-R12-6	46	4"	71.92	2.12	0.17	0.00	0.00	Rod
D4-R12-8	43	4"	71.92	2.12	0.17	0.00	0.00	Rod
G8-R8-2	45	4"	17.75	0.53	0.04	0.00	0.00	Rod
N12-R4-2	49	4"	71.92	2.12	0.17	0.00	0.00	Rod
N12-R4-4	42	4"	71.92	2.12	0.17	0.00	0.00	Rod
N12-R4-8	44	4"	71.92	2.12	0.17	0.00	0.00	Rod
N12-R7-2	51	Non Fuel						
N12-R7-4	59	Non Fuel						
N12-R7-6	55	Non Fuel						
G12-R12-2	58	Non Fuel						
G12-R12-4	50	Non Fuel						
G12-R12-6	56	Non Fuel						
G12-R12-8	57	Non Fuel						
K9-R4-2	52	Non Fuel						
K9-R4-4	53	Non Fuel						

② VIP-Companion Sample (10 samples)

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Sample No.	Container No.	Weight	U-total	U-235	Pu-total	Pu-239	Pu-241	Rock/Rod/Epoxy
VIP-8D	17	22.0	14.8	0.43	0.03	0.00	0.00	Rock
VIP-9E	18	15.4	10.0	0.30	0.02	0.00	0.00	Rock
VIP-9H	19	26.8	17.42	0.52	0.04	0.00	0.00	Gravel
VIP-10A	20	1.5	0.87	0.03	0.00	0.00	0.00	Rock
VIP-10B	21	0.7	0.45	0.01	0.00	0.00	0.00	Rock
VIP-10C	22	25.3	16.44	0.49	0.04	0.00	0.00	Gravel
VIP-11A	A	226.9	147.48	4.39	0.35	0.01	0.00	Rock
VIP-11B	D	368.1	252.79	7.64	0.59	0.02	0.00	Rock
VIP-12A	23	42.0	27.3	0.81	0.06	0.00	0.00	Rock
VIP-12B	A	48.3	30.10	0.90	0.07	0.00	0.00	Rock

Total Uranium Weight of Samples : 3588 g

U-235 : 107 g

Total Plutonium Weight : 8.4 g

Pu-239 : 0.2 g

Pu-241 : 0.0 g