

APPLICATION FOR LICENSE TO EXPORT NUCLEAR
MATERIAL AND EQUIPMENT (See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION 4-28-80		d. APPLICANT'S REFERENCE AG/1361		2. NRC USE		a. LICENSE NO. XSNM 01677		b. DOCKET NO. 1100 2049			
3. APPLICANT'S NAME AND ADDRESS a. NAME Seamodal, Transport Corporation b. STREET ADDRESS No. 2 Commercial Place, P.O. Box 3709 c. CITY Norfolk						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) RIS SAME							
d. TELEPHONE NUMBER (Area Code - Number - Extension) (804)625-1928				ATTN: Clifton N. Byrd				b. STREET ADDRESS		c. CITY		STATE ZIP CODE	
5. FIRST SHIPMENT SCHEDULED A.S.A.P.*		6. FINAL SHIPMENT SCHEDULED **		7. APPLICANT'S CONTRACTUAL DELIVERY DATE none		8. PROPOSED LICENSE EXPIRATION DATE 2-years after issue		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)					
10. ULTIMATE CONSIGNEE a. NAME B.C.M.N. b. STREET ADDRESS Steenweg op Retie c. CITY - STATE - COUNTRY 2400 Geel, Belgium						11. ULTIMATE END USE (Include plant or facility name) same 11a. EST. DATE OF FIRST USE							
12. INTERMEDIATE CONSIGNEE a. NAME Euratom Supply Agency b. STREET ADDRESS Rue de la loi 200 c. CITY - STATE - COUNTRY 1049 Brussels, Belgium						13. INTERMEDIATE END USE SAME 13a. EST. DATE OF FIRST USE							
14. INTERMEDIATE CONSIGNEE a. NAME b. STREET ADDRESS c. CITY - STATE - COUNTRY						15. INTERMEDIATE END USE 15a. EST. DATE OF FIRST USE							
16. NRC USE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components.) <u>SEE ATTACHED</u>				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %	20. MAX ISOTOPE WT.	21. UNIT			

2. COUNTRY OF ORIGIN - SOURCE MATERIAL U.S.A.		23. COUNTRY OF ORIGIN-SNM WHERE ENRICHED OR PRODUCED U.S.A.		24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)	
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5. ADDITIONAL INFORMATION (Use separate sheet if necessary)
 * First shipment to take as soon as possible after issue of license.
 ** Shortage does exist on some commodities. Two year duration of license is requested so entire shipment can be made.

6. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information in this application is correct to the best of his/her knowledge.

7. AUTHORIZED OFFICIAL		a. SIGNATURE <i>[Signature]</i>		b. TITLE atty in fact	
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COMMISSION DES COMMUNAUTÉS EUROPÉENNES
 DIRECTORATE GENERAL CENTRE COMMUN DE RECHERCHE

Date et référence
 de votre offre

Ex. 5 Exemple pour l'ORDONNATEUR

BUREAU CENTRAL DE MESURES NUCLEAIRES

Price-list

National Bureau of Standards
 Office of Standard Reference
 Materials,
 Room B-311 Chemistry Building
 Washington, D.C. 20234 - U.S.A.

GEEL (BELGIE) STEENWEG NAAR RETIE
 TEL. 914/58.94.21 - TELEX: EURATOM GEEL B 33.589

Cat. 1977.

Nous vous prions de bien vouloir nous livrer à notre adresse, FRANCO
 BCCM, Geel, par vos soins
 aux besoins officiels des Communautés,
 ou
 les marchandises reprises ci-après :

BON DE COMMANDE

N° 2972/1/0222
 du 18.10.79
 (à rappeler dans toute correspondance)

MONNAIE DE PAIEMENT :

Poste	DESIGNATION DES MARCHANDISES	Unités	Quantités	PRIX :	
				Unitaire	Total
1.	Units of SMN 980 Uranium metal, assay	g.	20	64.--	1.280.--
2.	Units of SMN 949e Plutonium metal, assay	"	20	192.--	3.840.--
3.	Units of SMN 944 Plutonium sulfate tetrahydrate assay	"	20	86.--	1.720.--
4.	Units of SMN 949 Plutonium 120 isotopic	"	5	100.--	500.--
5.	Units of SMN 947 Plutonium 100 isotopic	"	5	100.--	500.--
6.	Units of SMN 940 Plutonium 80 isotopic	"	5	77.--	385.--

RECEIVED
 U.S. NRC

The goods must be marked as follows:

1980 APR 30 PM 3 45

EXPORT/IMPORT
 AND
 INTERNAT'L SFGRDS

Technical responsibility : M. Gallet

Emballage to be invoice
 Assurance Y/risks.
 Transport to be invoice
 Montage -
 Formalités Douanières to be invoice

DELAI DE LIVRAISON: stock.

GARANTIE: of the factory.

CONDITIONS DE PAIEMENT: within 60 days after receipt of the goods.

USD. TOTAL 5.745.--

FORMULE DE REVISION DES PRIX

B. ROSE
 Division Head.

National Bureau of Standards

PRICE LIST OF SPECIAL NUCLEAR STANDARD REFERENCE MATERIALS

PLUTONIUM ASSAY STANDARDS

SRM	Type	Certified for	Wt. Unit (grams)	Purity (%)	Price (\$)
944	Plutonium sulfate tetrahydrate	Plutonium Content	0.5	47.50*	92.00
945	Plutonium metal, standard matrix	Impurities	5	(99.9)	515.00
949a	Plutonium metal assay	Plutonium Content	0.5*	99.996	170.00
955	Plutonium - 244 Spike	IN PREP			

*Stoichiometric nominal weight (Values in parentheses are not certified, but are given for information only.)

PLUTONIUM ISOTOPIC STANDARDS

SRM	Type	Wt. Unit (grams)	Atom Percent					Price (\$)
			²³⁹ Pu	²⁴⁰ Pu	²⁴¹ Pu	²⁴² Pu	²⁴⁴ Pu	
946	Plutonium Sulfate Tetrahydrate	0.25	0.247	83.128	2.12069	3.991	0.565	161.00
947	Plutonium Sulfate Tetrahydrate	.25	.296	75.696	18.288	4.540	1.180	161.00
948	Plutonium Sulfate Tetrahydrate	0.25	0.11	91.574	7.914	0.468	0.0330	84.00

URANIUM ASSAY STANDARDS

SRM	Type	Certified for	Wt. Unit (grams)	Purity (%)	Price (\$)
950b	Uranium Oxide	Uranium Oxide	25	99.968 (U ₃ O ₈)	54.00
960	Uranium Metal	Uranium	26	99.975 (U)	62.00
993	Uranium - 235 Spike (solution)	Uranium	15	99.8195 (U-235)	134.00

Standard Reference Materials (SRM's) 950b, Uranium Oxide, and 960, Uranium Metal, do not require a license.

URANIUM ISOTOPIC STANDARDS

SRM	Uranium Oxide (U ₃ O ₈)	Wt. (grams)	Atom Percent				Price (\$)
			²³⁴ U	²³⁵ U	²³⁶ U	²³⁸ U	
U-0002	Depleted	1.0	0.00016	0.01755	<0.00001	99.9823	73.00
U-005	Depleted	1.0	.00218	.4895	.0046	99.504	66.00
U-010	Enriched	1.0	.00541	1.0037	.00681	98.984	66.00
U-015	Enriched	1.0	.00850	1.5323	.0164	98.443	66.00
U-020	Enriched	1.0	.0125	2.038	.0165	97.933	66.00
U-030	Enriched	1.0	.0190	3.046	.0204	96.915	66.00
U-050	Enriched	1.0	.0279	5.010	.0480	94.915	66.00
U-100	Enriched	1.0	.0676	10.190	.0379	89.704	67.00
U-150	Enriched	1.0	.0993	15.307	.0660	84.528	68.00
U-200	Enriched	1.0	.1246	20.013	.2116	79.651	69.00
U-350	Enriched	1.0	.2498	35.190	.1673	64.393	72.00
U-500	Enriched	1.0	.5181	49.696	.0755	49.711	73.00
U-750	Enriched	1.0	.5923	75.357	.2499	23.801	79.00
U-800	Enriched	1.0	.6563	80.279	.2445	18.820	79.00
U-850	Enriched	1.0	.6437	85.137	.3704	13.848	80.00
U-900	Enriched	1.0	.7777	90.196	.3327	8.693	81.00
U-930	Enriched	1.0	1.0812	93.336	.2027	5.380	83.00
U-970	Enriched	1.0	1.6653	97.663	.1491	0.5229	83.00

Domestic orders must be placed on Form NBS-285 and sent in duplicate with the purchase order to:

Office of Standard Reference Materials
 B311 Chemistry
 National Bureau of Standards
 Washington, DC 20234

This form must show the Reporting Identification Symbol (RIS) assigned to the requesting facility, and is to be signed by the Special Nuclear Material Accountability Officer. (The RIS code was formerly listed as the AEC Facility Identification Symbol.)

Forms are supplied with each order; however, additional copies may be obtained by writing to the address shown above or by calling 301-921-2045.

Purchase orders for the export of special nuclear materials require a license issued by the Nuclear Regulatory Commission (NRC). Application for this license (NRC-7) should be submitted through your agent (shipping or brokerage firm) in the United States to the Nuclear Regulatory Commission at the following address:

U.S. Nuclear Regulatory Commission
 Export/Import and International Safeguards
 Office of International Programs

Washington, DC 20555

Any problems with procedure, or questions concerning the availability of material, should be directed to the Office of Standard Reference Materials, National Bureau of Standards, Washington, DC 20234.

URANIUM ASSAY STANDARDS

Product	Form	Wt. (g)	Assay (ppm)
U-235	U-235 (U-235)	12	99.999 (U-235)
U-238	U-238 (U)	25	99.999 (U)
U-235	U-235 (U-235)	25	99.999 (U-235)

Standard Reference Materials (SRM) 235, 238, and 235/238. These standards are used for the assay of uranium in ores and concentrates.

URANIUM ISOTOPIC STANDARDS

SRM	Form	Wt. (g)	U-235 (%)	U-238 (%)	U-235 (ppm)	U-238 (ppm)	Price (\$)
U-235	Enriched	1.0	100	<0.0001	0.0123	0.0001	33.00
U-238	Enriched	1.0	0.0018	99.9982	0.0018	0.0001	40.00
U-235	Enriched	1.0	0.0041	99.9959	1.0033	0.0081	60.00
U-235	Enriched	1.0	0.0080	99.9920	1.2133	0.0164	60.00
U-235	Enriched	1.0	0.0152	99.9848	2.0183	0.0366	60.00
U-235	Enriched	1.0	0.0300	99.9700	3.0403	0.0608	60.00
U-235	Enriched	1.0	0.0570	99.9430	5.0163	0.1003	60.00
U-235	Enriched	1.0	0.0900	99.9100	7.0163	0.1403	60.00
U-235	Enriched	1.0	0.1200	99.8800	9.0163	0.1803	60.00
U-235	Enriched	1.0	0.1500	99.8500	11.0163	0.2203	60.00
U-235	Enriched	1.0	0.1800	99.8200	13.0163	0.2603	60.00
U-235	Enriched	1.0	0.2100	99.7900	15.0163	0.3003	60.00
U-235	Enriched	1.0	0.2400	99.7600	17.0163	0.3403	60.00
U-235	Enriched	1.0	0.2700	99.7300	19.0163	0.3803	60.00
U-235	Enriched	1.0	0.3000	99.7000	21.0163	0.4203	60.00
U-235	Enriched	1.0	0.3300	99.6700	23.0163	0.4603	60.00
U-235	Enriched	1.0	0.3600	99.6400	25.0163	0.5003	60.00
U-235	Enriched	1.0	0.3900	99.6100	27.0163	0.5403	60.00
U-235	Enriched	1.0	0.4200	99.5800	29.0163	0.5803	60.00
U-235	Enriched	1.0	0.4500	99.5500	31.0163	0.6203	60.00
U-235	Enriched	1.0	0.4800	99.5200	33.0163	0.6603	60.00
U-235	Enriched	1.0	0.5100	99.4900	35.0163	0.7003	60.00
U-235	Enriched	1.0	0.5400	99.4600	37.0163	0.7403	60.00
U-235	Enriched	1.0	0.5700	99.4300	39.0163	0.7803	60.00
U-235	Enriched	1.0	0.6000	99.4000	41.0163	0.8203	60.00
U-235	Enriched	1.0	0.6300	99.3700	43.0163	0.8603	60.00
U-235	Enriched	1.0	0.6600	99.3400	45.0163	0.9003	60.00
U-235	Enriched	1.0	0.6900	99.3100	47.0163	0.9403	60.00
U-235	Enriched	1.0	0.7200	99.2800	49.0163	0.9803	60.00
U-235	Enriched	1.0	0.7500	99.2500	51.0163	1.0203	60.00
U-235	Enriched	1.0	0.7800	99.2200	53.0163	1.0603	60.00
U-235	Enriched	1.0	0.8100	99.1900	55.0163	1.1003	60.00
U-235	Enriched	1.0	0.8400	99.1600	57.0163	1.1403	60.00
U-235	Enriched	1.0	0.8700	99.1300	59.0163	1.1803	60.00
U-235	Enriched	1.0	0.9000	99.1000	61.0163	1.2203	60.00
U-235	Enriched	1.0	0.9300	99.0700	63.0163	1.2603	60.00
U-235	Enriched	1.0	0.9600	99.0400	65.0163	1.3003	60.00
U-235	Enriched	1.0	0.9900	99.0100	67.0163	1.3403	60.00