

Mr. Donald J. Silverman
Morgan, Lewis & Bockius
Counselors at Law
1800 M Street, N.W.
Washington, DC 20036

SEP 30 1996

Dear Mr. Silverman:

This refers to the export license application dated August 22, 1995, NRC reference XW001, which you forwarded to us on behalf of Master International Systems USA Corporation (MISU). The application requested authority to export 9,750,000 cubic feet of low level waste to the Republic of Dagestan, in Russia for disposal at a low level waste disposal facility operated by Cosmos Company.

On October 22, 1995, you called to request that NRC discontinue action on the application since MISU may amend the application. NRC has not received an amendment request or any further instructions from your office; we are, therefore, returning without action the subject application.

If you have any questions regarding this case, please call me, or Betty Wright on my staff, at (301) 415-2344.

Sincerely,

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

Enclosure: Export license application
XW001 dated 08/22/95

cc w/encl:
C. Kincaid, DOE
M. Johnson, DOD
R. DeLaBarre, DOS
R. Goorevich, DOE
J. Chuchla, DOC
M. Rosenthal, ACDA

DISTRIBUTION:

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DCS/DF02 DF03	OIP r/f	MJMassengill, DOE/OR	BLWright
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FILENAME: G:\EXPORTS\XW001.RWA

OFFICE	OIP/NEMR IT	OIP/NEMR	OGC	
NAME	BLWright	RDHauber	TRothschild	
DATE	9/27/96	9/30/96	9/13/96	

OFFICIAL RECORD COPY

9610040092 960930
PDR XPORT
XW-0001 PDR

IA-1-1 Export, Import



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

SEP 30 1996

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Sincerely,

A handwritten signature in dark ink, appearing to read "Ronald D. Hauber", is written above the typed name.

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

Enclosure: Export license application
XW001 dated 08/22/95

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APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT

(See Instructions on Reverse)

ESTIMATE: JRDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 1 HOUR. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (INBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0027), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503

1. APPLICANT'S USE		a. DATE OF APPLICATION August 22, 1995		b. APPLICANT'S REFERENCE RIS		2. NRC USE		a. DOCKET NO. 11004847		b. LICENSE NO. XW001	
3. APPLICANT'S NAME AND ADDRESS a. NAME Master International Systems USA Corp. b. STREET ADDRESS 64-13 Grand Avenue c. CITY Maspeth STATE NY ZIP CODE 11378 d. TELEPHONE NUMBER (Area Code - Number - Extension) (718) 729-3913						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material) a. NAME Scientific Ecology Group, Inc. and other entities (see Note 1 attached) b. STREET ADDRESS 1560 Bear Creek Road, P.O. Box 2530 c. CITY Oak Ridge STATE TN ZIP CODE 37831-2530					
5. FIRST SHIPMENT SCHEDULED As soon as possible		6. FINAL SHIPMENT SCHEDULED Approximately four (4) years		7. APPLICANT'S CONTRACTUAL DELIVERY DATE Currently unknown		8. PROPOSED LICENSE EXPIRATION DATE Four (4) years from date of		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)			
10. ULTIMATE FOREIGN CONSIGNEE after a. NAME issuance of license Cosmos, A Russian Joint Stock Co. b. STREET ADDRESS (Facility Site) 24 Smolnaya Street c. CITY 125445 Moscow d. COUNTRY Russia						11. ULTIMATE END USE license (Include plant or facility name) issuance Disposal at LLW disposal facility to be operated by Cosmos Company in the Republic of Dagestan, Russia (see Note 2 attached) 11a. DATE REQUIRED					
12. INTERMEDIATE FOREIGN CONSIGNEE a. NAME None b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY						13. INTERMEDIATE END USE None 13a. DATE REQUIRED					
14. INTERMEDIATE FOREIGN CONSIGNEE a. NAME None b. STREET ADDRESS (Facility Site) c. CITY d. COUNTRY						15. INTERMEDIATE END USE None 15a. DATE REQUIRED					
16. COM CODE		17. DESCRIPTION (Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %		20. MAX. ISOTOPE WEIGHT	
		Low-level radioactive waste consisting of or containing (a) byproduct material classified under 10 C.F.R. § 61.55 as "Class A" waste (see Note 3 attached); and (b) source material in amounts not to exceed those which could be separately shipped to Dagestan pursuant to the general license specified in 10 C.F.R. § 110.22(a) (1) (see Note 3 attached).				9,750,000 cu ft of LLW					
22. COUNTRY OF ORIGIN - SOURCE MATERIAL USA				23. COUNTRY OF ORIGIN - SNM WHERE ENRICHED OR PRODUCED Not applicable				24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known) Not applicable			
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary) 10/5/95 copies to PPR & DCS/DFOD BKWright 21.28 22 09 95.											
26. 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.											
27. AUTHORIZED OFFICIAL				a. SIGNATURE [Signature]				b. TITLE President			

ATTACHMENT TO
APPLICATION BY
MASTER INTERNATIONAL SYSTEMS USA CORP.
FOR LICENSE TO EXPORT LOW-LEVEL
RADIOACTIVE WASTE TO
RUSSIA

NOTE 1

NRC FORM 7, Item 4.

The Scientific Ecology Group, Inc. (SEG), a subsidiary of Westinghouse Electric Corporation, is expected to be the principal supplier of low-level radioactive waste (LLW) for export. However, Master specifically requests authority to export LLW supplied by any NRC or NRC Agreement State licensee authorized to possess and transfer such LLW under a valid NRC or Agreement State specific or general license or exemption.

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INTL SAFEGUARDS

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NOTE 2

NRC FORM 7, Item 11.

The proposed LLW exports would involve the ultimate end use specified below and utilize the following routes and means of transit:

LLW would be collected, packaged, labelled and manifested by SEG, or other similar entity authorized by the NRC or an NRC Agreement State to possess and transfer the LLW. SEG, or such other authorized entity would arrange for the physical transportation of the LLW within the United States in compliance with all applicable NRC, DOT, IAEA and IATA requirements.

The LLW would be delivered to the Bangor, Maine International Airport where it would be loaded onto cargo aircraft (most likely Antonov 124 cargo aircraft) owned by AEROFLOT, Volga Dynepr or other common or contract carrier exempt from the NRC licensing requirements pursuant to 10 C.F.R. §§ 30.13 and 40.12.

The LLW would then be flown to Shannon Airport in Shannon, Ireland where the aircraft would be refueled. After refueling, the aircraft would proceed to Machazkala Airport in Machazkala, Dagestan. It is possible that some individual shipments may require an additional refueling stop within Russia. All air transport would be conducted in accordance with applicable IAEA and IATA requirements.

Once the LLW reaches Machazkala, Cosmos Company will take physical possession of the LLW. Truck transportation directly to the Dagestan Disposal Facility, which is approximately 66 kilometers from Machazkala Airport in the Caucus Mountains, will be provided by Daghestanvatotrans, a company owned by the Republic of Dagestan. Once at the Dagestan Disposal Facility, Cosmos Company will be responsible for the safe handling and disposal of the LLW.

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NOTE 3

NRC FORM 7, Item 17

Master proposes to export Class A LLW that consists of or contains the isotopes listed in Appendix F to 10 C.F.R. Part 110, in any physical or chemical form. However, those byproduct materials listed in 10 C.F.R. § 110.23(a)(2)-(6), (b), and (c) may be shipped only so long as the limits set forth in those provisions are not exceeded. Although not intended to be an exhaustive list, the primary waste types and physical and chemical forms presently planned for export include:

<u>Waste Type</u>	<u>Physical Form</u>	<u>Chemical Form</u>
Slag	Solid	Iron and iron oxide
Clean-up Bulk	Solid	Metal, stone, brick
Floor Sweepings	Solid	Soil, stone chips, brick chips
Aluminum	Solid	Aluminum metal
Copper	Solid	Copper metal
Solidified Fines	Solid	Solidified fine materials (Portland cement, epoxy cement, polymer cement)
Compacted Hearth Ash	Solid	Ash from incineration of paper, plastics, wood, etc.

Master will not export any LLW mixed with any listed or characteristic hazardous waste as defined in the Resource Conservation and Recovery Act. Master will not export liquid wastes or wastes which contain greater than 1% free liquid. All waste will satisfy NRC, DOT, IAEA and IATA waste form and packaging requirements applicable to the transportation of the waste. A maximum volume of 9,750,000 ft³ of LLW will be exported. The LLW will be permanently disposed of in the Dagestan Disposal Facility to be operated by Cosmos Company in accordance with applicable laws and regulations of Russia and Dagestan.

EX-100 SAFETY

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REF