



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 8, 2000

Mr. Adam Scheinman, Director
Nuclear Transfer and Supplier Policy Division
Office of Arms Control and Nonproliferation
U.S. Department of Energy
Washington, D.C. 20585

Dear Mr. Scheinman:

Enclosed is an application for a license (XSNM03175), recently received by the Nuclear Regulatory Commission from the Department of Energy's Chicago Operations Office, for the export of low-enriched uranium, for use as fuel elements for the High Flux Reactor at Petten in The Netherlands. The Joint Research Center of the European Commission intends to use the fuel elements to perform irradiation tests to qualify high-density uranium-molybdenum alloy fuel for the Reduced Enrichment for Research and Test Reactors Program (RERTR).

Assurances from EURATOM are required that the material will be subject to all the terms and conditions of an agreement for cooperation. Your assistance in obtaining the necessary assurances will be appreciated.

Sincerely,

Ronald D. Hauber, Deputy Director
Office of International Programs

Enclosure: Ltr. Dtd. 11/30/2000
(XSNM03175- The Netherlands)

cc w/enclosure: R. DeLaBarre, DOS
M. Krupa, DOE
W. Witter, DOD
S. Clagett, DOC
EURATOM

APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 1 HOUR. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 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.

(See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION 11/30/2000		b. APPLICANT'S REFERENCE		2. NRC USE 11005240 XSNM03175			
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS (Complete if applicant is not supplier of material)			
a. NAME U. S. DEPARTMENT OF ENERGY CHICAGO OPERATIONS OFFICE						a. NAME ARGONNE NATIONAL LABORATORY - ILLINOIS SITE			
b. STREET ADDRESS 9800 SOUTH CASS AVENUE						b. STREET ADDRESS 9700 SOUTH CASS AVENUE			
c. CITY ARGONNE				STATE IL	ZIP CODE 60439				
d. TELEPHONE NUMBER (Area Code - Number - Extension) 630-252-2073						c. CITY ARGONNE			
STATE IL		ZIP CODE 60439		STATE IL		ZIP CODE 60439			
5. FIRST SHIPMENT SCHEDULED MAY 2001		6. FINAL SHIPMENT SCHEDULED SEPTEMBER 2002		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE June 30, 2003			
9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)									
10. ULTIMATE FOREIGN CONSIGNEE						11. ULTIMATE END USE (Include plant or facility name)			
a. NAME JOINT RESEARCH CENTRE OF THE EUROPEAN COMMISSION						USE CODE			
b. STREET ADDRESS (Facility Site) P.O. BOX 2, 1755 ZG						The Joint Research Centre of the European Commission will perform irradiation tests to qualify high-density uranium-molybdenum alloy fuel of the Reduced Enrichment for Research and Test Reactors Program.			
c. CITY PETTEN				d. COUNTRY NETHERLANDS		11a. DATE REQUIRED			
12. INTERMEDIATE FOREIGN CONSIGNEE						13. INTERMEDIATE END USE			
a. NAME						5/2001			
b. STREET ADDRESS (Facility Site)						USE CODE			
c. CITY				d. COUNTRY		13a. DATE REQUIRED			
14. INTERMEDIATE FOREIGN CONSIGNEE						15. INTERMEDIATE END USE			
a. NAME						USE CODE			
b. STREET ADDRESS (Facility Site)						15a. DATE REQUIRED			
c. CITY				d. COUNTRY					
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	21. UNIT
		Fuel elements for the High Flux Reactor at Petten, The Netherlands, consisting of an assembly of fuel plates containing uranium-molybdenum alloy dispersed in an aluminum matrix and clad with aluminum alloy.				14,000 gm	19.95%	2793 gm	GRA
22. COUNTRY OF ORIGIN.-SOURCE MATERIAL				23. COUNTRY OF ORIGIN.-SNM WHERE ENRICHED OR PRODUCED		24. COUNTRIES WHICH ATTACH SAFEGUARDS (If Known)			
25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)									
<p style="text-align: right;">DEC 5 2000 10:35 PM 12:50 RECEIVED OIP</p>									
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						b. TITLE			
						IOLENE BISSEGGER TEAM LEADER, SAFEGUARDS & S CHICAGO OPERATIONS OFFICE			



Department of Energy
Chicago Operations Office
9800 South Cass Avenue
Argonne, Illinois 60439

DEC 01 2000

Betty L. Wright
Export/Import Licensing Officer
Office of International Programs
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Ms. Wright:

SUBJECT: APPLICATIONS FOR LICENSE TO EXPORT NUCLEAR MATERIAL-PETTEN,
THE NETHERLANDS

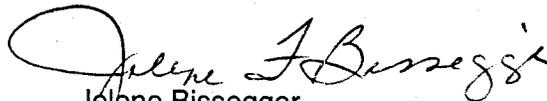
Enclosed is a completed Application for License to Export Nuclear Material and Equipment (NRC Form 7), for the Chicago Operations Office, U. S. Department of Energy.

As indicated on the license application, the supplier of the material will be the Argonne National Laboratory - Illinois Site. The intended receiver is The Joint Research Centre of the European Commission in Petten, The Netherlands.

The material will be used to perform irradiation tests to qualify high-density uranium-molybdenum alloy fuel for the Reduced Enrichment for Research and Test Reactors Program.

If you have any questions regarding this completed form, please contact me at 630-252-2073.

Sincerely,


Jolene Bissegger
Safeguards and Security Services

Enclosures:
As Stated

cc: T. Lang, ANL-E, w/o encl.

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