



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 1, 2000

Mr. Anatoli Welihozkiy, Director
Nuclear Transfer and Supplier Policy Division
Office of Arms Control and Nonproliferation
U.S. Department of Energy
Washington, DC 20585

Dear Mr. Welihozkiy:

Enclosed is an application for a license (XSNM03146), recently received by the Nuclear Regulatory Commission, for the export of low enriched uranium, in various forms, for use by consignee in its fuel related operations. 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.

Please note applicant's request for expedited handling in order to start shipments by June 30.

Sincerely,

Ronald D. Hauber, Deputy Director
Office of International Programs

Enclosure: Appl. Dtd. 4/21/00
(XSNM03146 - France)

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 (See Instructions on Reverse)

1. APPLICANT'S USE		a. DATE OF APPLICATION April 21, 2000		b. APPLICANT'S REFERENCE IEL-3232		2. NRC USE		a. DOCKET NO. 11005203		b. LICENSE NO. XSNM03146	
3. APPLICANT'S NAME AND ADDRESS						4. SUPPLIER'S NAME AND ADDRESS <i>(Complete if applicant is not supplier of material)</i>					
a. NAME General Atomics						a. NAME RIS					
b. STREET ADDRESS 3550 General Atomics Court						b. STREET ADDRESS					
c. CITY San Diego				STATE CA		ZIP CODE 92121-1194		c. CITY			
d. TELEPHONE NUMBER (Area Code - Number - Extension) (858) 455-2823						STATE		ZIP CODE			
5. FIRST SHIPMENT SCHEDULED		6. FINAL SHIPMENT SCHEDULED		7. APPLICANT'S CONTRACTUAL DELIVERY DATE		8. PROPOSED LICENSE EXPIRATION DATE		9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If Known)			
Aug 1, 2000		Dec 15, 2000		Aug 1, 2000		Dec 31, 2001					
10. ULTIMATE CONSIGNEE						11. ULTIMATE END USE <i>(Include plant or facility name)</i>					
a. NAME Compagnie Pour L'Etude et la Realisation de Combustibles Atomiques (CERCA)						Compagnie Pour L'Etude et La Realisation de Combustibles Atomiques (CERCA) Les Berauds B.P. 1114; 26104 Romans, France <i>(For use by consignee in its fuel related operations conducted under full-scope EURATOM safeguards.)</i>					
b. STREET ADDRESS Les Berauds B.P. 1114						11a. EST. DATE OF FIRST USE					
c. CITY - STATE - COUNTRY 26104 Romans, France						12. INTERMEDIATE CONSIGNEE					
12. INTERMEDIATE CONSIGNEE						13. INTERMEDIATE END USE					
a. NAME General Atomics / CERCA Joint Venture						The General Atomics/CERCA Joint Venture will act as the marketing agency for the sale of TRIGA fuel produced by CERCA					
b. STREET ADDRESS 2 Place de la Coupole, Tour Fiat						13a. EST. DATE OF FIRST USE					
c. CITY - STATE - COUNTRY 92400 Courbevoie, France						14. INTERMEDIATE CONSIGNEE					
14. INTERMEDIATE CONSIGNEE						15. INTERMEDIATE END USE					
a. NAME						15a. EST. DATE OF FIRST USE					
b. STREET ADDRESS											
c. CITY - STATE - COUNTRY											
16. NRC USE		17. DESCRIPTION <i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>				18. MAX. ELEMENT WEIGHT		19. MAX. WT. %	20. MAX. ISOTOPE WEIGHT	21. UNIT	
		Low enriched uranium in the form of U-Zr Alloy NOTE: Quantities are approximate "Not to Exceed" Values				38.0		19.9	7.44	kg	
22. 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) EURATOM Countries					
25. ADDITIONAL INFORMATION (Use separate sheet if necessary)											
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 Keith E. Asmusen				b. TITLE Director, Licensing, Safety and Nuclear Compliance					

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April 20, 2000
IEL-3235

VIA OVERNIGHT EXPRESS SERVICE

Mr. Ronald D. Hauber MS 3 H5
Assistant Director
Exports, Security and Safety Cooperation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

**Subject: Request for Export License to Export the Unshipped Portion of XSNM-02879
for LEU to France**

Dear Mr. Hauber:

General Atomics (GA) had applied for, and received, license no. XSNM-02879 (copies of the original XSNM-02879 and amendment 1 are attached) to export its remaining inventory of low enriched uranium (LEU) to Compagnie Pour L'Etude et La Realisation de Combustibles Atomiques (CERCA) located in Romans, France. The license was issued in conjunction with a 10 CFR 810 authorization from the U.S. Department of Energy for the transfer of GA's TRIGA fuel fabrication technology to France as part of a joint venture between GA and CERCA to produce TRIGA fuel at CERCA's facility located in Romans.

The original license, XSNM-02879, authorized the shipment of 48.75 kilograms (Kgs) of U-235 enriched to a maximum enrichment of 19.9 weight percent in various forms. Of the total authorized under the license, only 4.97 Kgs of U-235 in the form of completed TRIGA fuel elements was actually shipped to CERCA. Of the uranium metal identified in the original license, 7.96 Kgs of U-235 was transferred to Argonne National Laboratory rather than exported to CERCA. An additional 28.38 Kgs of U-235 was determined to have no economic value and was disposed of as low level radioactive waste. The remaining material which contains a total of 7.44 Kgs of U-235 still needs to be shipped to CERCA and is the subject of this license application. Due to difficulties in locating an approved shipping container, shipment of the subject material could not be made prior to the expiration of the XSNM-02879 export license.

GA hereby requests the issuance of a new license to export the unshipped portion of XSNM-02879 to CERCA as identified in the enclosed NRC Form 7 license application. All other aspects and parties to the license will remain the same. Furthermore, GA requests that this license application be handled as expeditiously as possible due to the fact that the special arrangement authorization issued by the U.S. Department of Transportation for the shipping containers will expire on December 31, 2000 and is ineligible for renewal after that date. Additionally, due to limitations imposed by the French licensing agency, the transfer will need to be made in 14 individual shipments thereby increasing the time required to effect the complete transfer of the material. As a result, GA needs to have the export license in place no later than June 30, 2000 in order to meet this aggressive shipping schedule.

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In order to assist in the licensing process and in acquiring the necessary assurances from Euratom, GA is providing the following point of contact at CERCA who can certify the validity of this request to the Euratom authorities:

Helios Nadal,
Direction Commerciale
C.E.R.C.A
Tour Framatome - Cedex 16
92084 Paris la Defense
92084 Paris
France

Tel: 33-1-47-96-58-86
Fax: 33-1-47-96-58-92

Enclosed, please find a check in the amount of \$1700 for the export license fee. If you need additional information or assistance, please do not hesitate to contact Mr. Brian Laney, Staff Licensing Engineer, at (619) 455-4369 or myself at (619) 455-2823.

858

Very truly yours,



Keith E. Asmussen, Director
Licensing, Safety and Nuclear Compliance

Attachments: Copy of XSNM-02879
Copy of XSNM-02879 Amendment 1

Enclosures: NRC Form 7
Check in the amount of \$1700.

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THIS LICENSE EXPIRES 31 December 1995

United States of America
Nuclear Regulatory Commission

XSNM02879

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued

to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

<p style="text-align: center;">LICENSEE</p> <p>General Atomcis 3550 General Atomcis Court San Diego, CA 92186-9784</p> <p>Attn: Dr. Keith E. Asmussen</p>	<p style="text-align: center;">ULTIMATE CONSIGNEE IN FOREIGN COUNTRY</p> <p>Compagnie Pour L'Etude et La Realisation de Combustibles Atomiques (CERCA) Les Berauds B.P. 1114 26104 Romans, France</p> <p>(Fabrication of TRIGA fuel elements for use in EURATOM or other countries yet to be determined.)</p>
<p style="text-align: center;">INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY</p> <p style="text-align: center;">NONE</p>	<p style="text-align: center;">OTHER PARTIES TO EXPORT</p> <p>General Atomcis / CERCA Joint Venture 2 Place de La Coupole, Tour Fiat 92400 Courbevoie, France</p> <p>(Marketing Agent for the sale of TRIGA fuel produced by CERCA)</p>
<p>APPLICANT'S REF. NO. IEL-2401</p>	<p>COUNTRY OF ULTIMATE DESTINATION France</p>

<p>QUANTITY 48.75 Kilograms</p>	<p>DESCRIPTION OF MATERIALS OR FACILITIES Uranium-235</p> <p>Contained in 245.0 kilograms uranium, enriched to 19.9 w/o maximum, in various form sas follows:</p> <table border="1" style="width: 100%;"> <thead> <tr> <th></th> <th style="text-align: center;">KgsU</th> <th style="text-align: center;">Kgs U-235</th> </tr> </thead> <tbody> <tr> <td>1) Uranium metal</td> <td style="text-align: center;">40.0</td> <td style="text-align: center;">7.96</td> </tr> <tr> <td>2) completed TRIGA fuel meats and recyclible alloy</td> <td style="text-align: center;">160.0</td> <td style="text-align: center;">31.84</td> </tr> <tr> <td>3) Assembled TRIGA fuel elements.</td> <td style="text-align: center;">25.0</td> <td style="text-align: center;">4.97</td> </tr> <tr> <td>4) Oxidized scrap</td> <td style="text-align: center;">20.0</td> <td style="text-align: center;">3.98</td> </tr> </tbody> </table> <p>Conditions 6 and 8 on page two of this license apply to this export.</p> <p>//////////////////////////////////////END//////////////////////////////////////</p>		KgsU	Kgs U-235	1) Uranium metal	40.0	7.96	2) completed TRIGA fuel meats and recyclible alloy	160.0	31.84	3) Assembled TRIGA fuel elements.	25.0	4.97	4) Oxidized scrap	20.0	3.98
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3) Assembled TRIGA fuel elements.	25.0	4.97														
4) Oxidized scrap	20.0	3.98														

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Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE

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

DATE OF ISSUANCE SEP 20 1995

THIS LICENSE EXPIRES ~~31 December 1999~~

United States of America

Nuclear Regulatory Commission

XSNM02879
Amendment No. 01

Pursuant to the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974 and the regulations of the Nuclear Regulatory Commission issued pursuant thereto, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued

to the licensee authorizing the export of the materials and/or production or utilization facilities listed below, subject to the terms and conditions herein.

LICENSEE

General Atomics
3550 General Atomics Court
San Diego, CA 92186-9784

Attn: Keith E. Asmussen

ULTIMATE CONSIGNEE IN FOREIGN COUNTRY

Compagnie Pour L'Etude et La Realisation
de Combustibles Atomiques (CERCA)
Les Berauds B.P. 1114
26104 Romans, France

(For use by consignee in its fuel related operations conducted under full-scope EURATOM safeguards.)

INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY

NONE

OTHER PARTIES TO EXPORT

General Atomics/CERCA Joint Venture
2 Place de La Coupole, Tour Fiat
92400 Courbevoie, France

(Marketing Agent for the sale of TRIGA fuel produced by CERCA)

APPLICANT'S REF. NO.

Ltr. dtd. 12/22/95

COUNTRY OF ULTIMATE DESTINATION

France

QUANTITY

DESCRIPTION OF MATERIALS OR FACILITIES

The licensee is authorized to export 48.75 kilograms uranium-235 contained in 245.0 kilograms uranium, enriched to 19.9 w/o maximum, in various forms.

The license is amended to: 1) extend the expiration date from 31 December 1995 to December 1999; and 2) revise end use statement.

All other conditions remain unchanged.

//////////////////////////////////////END//////////////////////////////////////

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LICENSING

Neither this license nor any right under this license shall be assigned or otherwise transferred in violation of the provisions of the Atomic Energy Act of 1954, as amended and the Energy Reorganization Act of 1974.

This license is subject to the right of recapture or control by Section 108 of the Atomic Energy Act of 1954, as amended and to all of the other provisions of said Acts, now or hereafter in effect and to all valid rules and regulations of the Nuclear Regulatory Commission.

THIS LICENSE IS INVALID UNLESS SIGNED BELOW BY AUTHORIZED NRC REPRESENTATIVE

Ronald D Hauber

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

Office of International Programs . SEP 20 1996
DATE OF ISSUANCE