



DEPARTMENT OF ENERGY  
CHICAGO OPERATIONS OFFICE  
NEW BRUNSWICK LABORATORY, D-350  
9800 SOUTH CASS AVENUE  
ARGONNE, ILLINOIS 60439

XSNM02779  
Amend 02  
11004691

January 22, 1997

Mrs. Betty Wright  
United States Nuclear Regulatory Commission  
One White Flint North  
Mail Stop 3-H-5  
Washington, DC 20555

Dear Mrs. Wright:

We have received an order from the International Atomic Energy Agency requesting new items which will exceed the amounts specified on their current export license number XSNM02779. In order to complete this shipment it will be necessary to amend their present license to include the following:

	net wt.	ele wt.	wt. %iso	iso wt.
<del>CRM 112-A Uranium (Normal)</del>	<del>260.0g</del>	<del>259.94g</del>	<del>N</del>	<del>N</del>
<del>Solid, Metal</del>				
CRM 126 Plutonium	12.94g	12.937g	97.932%	12.70g
Solid, Metal				

*Gen Lic*

Accordingly, we will wait to ship until we receive word that the export license has been amended and approved for this shipment. If I may be of further assistance, please contact me. Thank you.

Sincerely,

*Mary Ellen Lowmy*  
Jeny Jeans  
Reference Materials Assistant

Enclosures:  
Copy of NBL-CH-1S #S01933

RECEIVED OIP  
1997 JAN 28 AM 9:24

Copy to PDR-DCS  
1/30-3LC  
(970131023) 2PP

NBL-CH-15 (Side 1 of 2)  
(Rev. 8/82)

96-052

SERIAL No: S-01933

IAEA SAFEGUARDS  
ANALYTICAL LAB  
RIS STATION CBJ  
External Shipments - Nuclear MaterialsReceiver:  
WAGBAMERSTRASSE 5

Date Shipped: \_\_\_\_\_

Shipped by: \_\_\_\_\_  
(custodian)A-1400 WIEN  
AUSTRIAMATERIAL TYPE 34 (Enriched Uranium): 50 (Plutonium): \_\_\_\_\_ (Thorium): 81 (Normal Uranium): \_\_\_\_\_ (other): \_\_\_\_\_

NBL No. & Seal No.	Description	Net Weight	Assay	Element	Wt. % Isotope*	Isotope Wt.
C112A	U-METAL (C <sub>112A</sub> ) 10 @ 26g	260.0g	99.975%	259.94g	N	
C116	U-METAL (C <sub>116</sub> ) 5 @ 1.55g	7.75g	99.967%	7.74g	93.122%	7.679g
C126	199 → 211 Pu-METAL (C <sub>126</sub> ) 12 @	12.94g	99.98%	12.93g	97.932%	12.70g
					* 2.061%	0.267g

Gross Wt. NANo. and Type of Containers NA

To Be Completed by the Nuclear Materials Representative

DOE/NRC 741 N CBS-RHAB Date Prepared \_\_\_\_\_ Comp. Code \_\_\_\_\_  
Project No. \_\_\_\_\_ Total: \_\_\_\_\_CARRIER: NA Routing: NANotes: All weights to be shown in grams unless otherwise noted. \*Wt. % Isotope for Pu to be given as  
Grams of Isotope Wt. to be calculated using  $^{239/241}\text{Pu}$ .RECEIVED OIP  
1997 JAN 28 AM 9:24NEA Code  
IA-X

## EXPORT LICENSE

NRC FORM 250

(8-84)

30 April 1999

THIS LICENSE EXPIRES

United States of America

Nuclear Regulatory Commission

NRC LICENSE NO.

XSNM02779

Amendment No. 01

Page 1 of 3 pages

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

U.S. Department of Energy  
Chicago Operations Office  
New Brunswick Laboratory, D-350  
9800 S. Cass Avenue  
Argonne, IL 60439

Attn: Jerry Jeans

## ULTIMATE CONSIGNEE IN FOREIGN COUNTRY

International Atomic Energy Agency  
Wagramerstrasse 5  
P.O. Box 100  
A-1400 Vienna, Austria

(For use in IAEA Siebersdorf Laboratory for  
the calibration of analytical instruments and/or  
certification of analytical method reliability)

## INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY

NONE

## OTHER PARTIES TO EXPORT

NONE

APPLICANT'S REF. NO. Letter dtd 7/26/96

COUNTRY OF ULTIMATE DESTINATION

Austria

## QUANTITY

## DESCRIPTION OF MATERIALS OR FACILITIES

The licensee is authorized to export the following materials:

70.0 Grams	Uranium-235	Contained in 75.0 grams uranium, enriched to 93.122% w/o maximum, in the form of solid metal. (CRM 116)
1.0 Gram	Uranium-235	Contained in 5.0 grams uranium, enriched to 19.811 w/o maximum, in the form of U <sub>3</sub> O <sub>8</sub> . (CRM U200)
20.0 Grams	Uranium-235	Contained in 21.70 grams uranium, enriched to 93.122% w/o maximum, in the form of solid metal. (CRM 116)

Continued on page 2

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

1997 JAN 28 AM 9:24

RECEIVED OIP

DATE OF ISSUANCE

EXPORT LICENSE

NRC FORM 250

(8-84)

NRC LICENSE NO.

THIS LICENSE EXPIRES 30 April 1999**United States of America**  
Nuclear Regulatory CommissionXSNM02779  
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Page 2 of 3 pages

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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

U.S. Department of Energy  
Chicago Operations Office  
New Brunswick Laboratory, D-350  
9800 S. Cass Avenue  
Argonne, IL 60439

Attn: Jeny Jeans

## ULTIMATE CONSIGNEE IN FOREIGN COUNTRY

International Atomic Energy Agency  
Wagramerstrasse 5  
P.O. Box 100  
A-1400 Vienna, Austria

(For use in IAEA Siebersdorff Laboratory for  
the calibration of analytical instruments and/or  
certification of analytical method reliability)

## INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY

NONE

## OTHER PARTIES TO EXPORT

NONE

APPLICANT'S REF. NO. Letter dtd 7/26/96

COUNTRY OF ULTIMATE DESTINATION

Austria

QUANTITY  
77.921 Grams

## DESCRIPTION OF MATERIALS OR FACILITIES

Uranium As natural uranium in the form of solid metal. (CRM 112A)

7.526 Grams

Plutonium As solid metal containing the isotopes Pu-239, Pu-241 and Pu-240 (0.155 gm). (CRM 126)

The license is amended to authorize the export of three additional certified Reference Materials (CRM).

Conditions 6, 8 and 9 on page three of this license apply to this export.

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

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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

MAR 01 1996