

NRC FORM 590
(9-87)

NRC LICENSE NO.

THIS LICENSE EXPIRES 31 December 1995**United States of America**
Nuclear Regulatory Commission

XSNM02774

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

ULTIMATE CONSIGNEE IN FOREIGN COUNTRY

NAME U.S. Department of Energy

NAME Central Bureau for Nuclear Measurements

ADDRESS Washington, D.C. 20585

ADDRESS Geel, Belgium

Attn: Theodore A. Hart
MS IS-40

(For nuclear material measurements)

INTERMEDIATE CONSIGNEE IN FOREIGN COUNTRY

OTHER PARTIES TO EXPORT

NAME NONE

Los Alamos National Laboratory
Los Alamos, NM 87545

ADDRESS

(Supplier)

9606200301 960613
PDR XPORT
XSNM-2774 PDR

APPLICANT'S REF. NO. XSNM02541

COUNTRY OF ULTIMATE DESTINATION Belgium

QUANTITY	DESCRIPTION OF MATERIALS OR FACILITIES
60.0 grams	Uranium-235 Contained in 300.0 grams uranium, enriched to 19.99 w/o maximum. <i>MIN OK PER T. HART 12/1/93</i>
2.0 grams	Uranium-233 Contained in 2.0 grams uranium, enriched to 95.0 w/o maximum.
2.0 grams	Uranium-236 Contained in 2.0 grams uranium, enriched to 95.0 w/o maximum. <i>MIN OK PER T. HART 12/1/93</i>
2.0 grams	Plutonium-239
2.0 grams	Plutonium-242
2.0 grams	Plutonium-244

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

END

DISTRIBUTION:

Licensees
License File
Lic. Iss. Fold
OIP r/r
OIP Desk Off.
PDR
DCS/DFOR
NMS

Glansow, DOE
Estout, NM
Thart, DOE
Boorovich, DOE
Rohlf, DOE
Schir, DOE
EMBASSY
Rohlf, DOE
LAP

License shall be assigned or
one of the Atomic Energy
Organization Act of 1974.in control by Section 108 of
all to all of the other provi-
and to all other rules and
in.THIS LICENSE IS INVALID UNLESS SIGNED BELOW
BY AUTHORIZED NRC REPRESENTATIVEOriginal signed by
Ronald D. Hauber

AW
28
Ronald D. Hauber, Assistant Director
for Exports, Security, and Safety Cooperations
Office of International Programs

DATE OF ISSUANCE NOV 23 1993

ENCLOSURE 1

DELEGATION OF THE COMMISSION OF THE EUROPEAN COMMUNITIES

Washington, D.C., November 11, 1993

EURATOM SUPPLY AGENCY

Ms Trisha Dedik
Director, Export Control
Operations Division
Defence Programs
D.P./5.21 - Room GA045
US DEPARTMENT OF ENERGY
Forrestal Building - Room 4B014
1000 Independence Ave., S.W.

PDR
DCS / DFO2
J. Becker, OGC
G. Sanslow, OROO
B. Stout, MM

Washington, D.C. 20585

XSNM02774
11004684

Subject : Application for an Export License
introduced by US DOE on September 27, 1993
under reference XSNM2541

Ref. : XSNM-02774 (to replace XSNM02541)

Dear Ms Dedik,


We certify that the terms and conditions of the Additional Agreement for Cooperation dated July 25, 1960, as amended, will apply to the material mentioned in the subject application, namely:

- various isotopes for CBNM, Geel

Further, we certify that the Central Bureau for Nuclear Measurements in Geel/Belgium, as ultimate consignee, is authorized by Euratom to receive and possess this material pursuant to the aforementioned Agreement for Cooperation.

The above material will be used to reduce the inaccuracies of uranium and plutonium in reprocessing plants in the context of US-EURATOM collaborative research.

Sincerely,


Marie-Jo De Block
Attache Nuclear Supply

c.c. : - Mr Robin DeLaBarre - DOS
- Mrs Betty Wright - US NRC
- Mr Ted Hart - US DOE

EXPORT
INT'L SAFEGUARD

93 NOV 16 AM 10:05

RECEIVED
U.S. N

Copies to those listed above on 11/22/93. OK

9312030079 1 p.

ENCLOSURE 2

Los Alamos

NATIONAL LABORATORY

Nuclear Materials and Stockpile Management
Substitution Technology
Mail Stop E5294
Los Alamos, New Mexico 87545
(505) 665-2712
FAX 665-8887

Date: March 21, 1996
Re: NMRT-PO:96-027swj

Ms. Casandra Kincaid
Office of Arms Control and Proliferation
US Department of Energy
AN-20, FORS
Washington, DC 20585

Dear Ms Kincaid:

SUBJECT: EXTENSION OF LICENSE # XSNM02774

Attached is a copy of the NRC export License No. XSNM02774 between the DOE and the Central Bureau for Nuclear measurements of Belgium. Los Alamos National Laboratory was to be the supplier of the nuclear materials listed on the license. However, Los Alamos was not able to supply the material prior to the license expiration date.

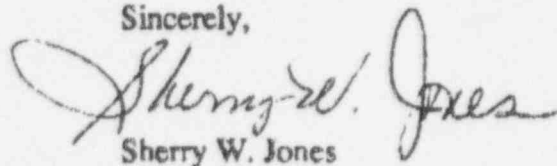
Again, I am writing to request a five (5) year renewal of this license. Reason for the five year renewal are as follows:

- ^{244}Pu is not a common isotope and will take time to procure.
- We are also having problems finding the uranium metal at a minimum of 95.0 w/o.

Also, please note corrections to the license, which should be incorporated in the renewal

If you should have questions, please contact me at (505) 665-2712

Sincerely,



Sherry W. Jones

SWJ:swj

Cy: Author File, w/o encl.
CIC-10, w/o encl., MS A150
NMSM/PO File, w/o encl.

ENCLOSURE 3