

MATERIALS LICENSE

Amendment No. 03

ORC

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

| | | | |
|--|---|--|--|
| Licensee | | In accordance with letter dated December 20, 1996, | |
| 1. Studsvik, Inc. | | 3. License Number | 12-23768-01E is amended in its entirety to read as follows: |
| 2. 132 Harbison Blvd. Columbia, South Carolina 29212 | | 4. Expiration Date | April 30, 2001 |
| | | 5. Docket or Reference No. | 030-31513 |
| 6. Byproduct, Source, and/or Special Nuclear Material | 7. Chemical and/or Physical Form | 8. Maximum Amount that Licensee May Possess at Any One Time Under This License | |
| A. Any byproduct material with atomic numbers between 1 - 94 | A. Irradiated processed (cut and polished) topaz greater than 30 mg. | A. Not applicable | |

9. Authorized Use

Pursuant to Section 32.11, 10 CFR Part 32, the licensee is authorized to distribute processed topaz containing byproduct material to persons exempt from the requirements for a license pursuant to Section 30.14, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

CONDITIONS

10. Licensed material shall be distributed only from the licensee's facility located at 2209 B Lakeside Drive, Bannockburn, IL.
11. Licensed material shall be distributed by, or under the supervision of, Ken Scottberg, Dr. Roger Dejus, or Dr. Kurt Sköld.
12. This license does not authorize possession or use of licensed material.
13. a. The licensee shall file periodic reports as specified in Section 32.12, 10 CFR Part 32.
b. The licensee shall file a report at intervals not to exceed 14 months, listing the names and license numbers of recipients of all gems transferred pursuant to Section 30.41 of 10 CFR Part 30.

9702250059 970219
PDR ADOCK 03031513
C PDR

dim L00
ex to Reg II

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

12-23768-01E

Docket or Reference Number

030-31513

Amendment No. 03

CONDITIONS

(Continued)

14. Notwithstanding the requirements of Section 32.11(c) of 10 CFR Part 32, the licensee may distribute processed topaz for the purpose of being worn by human beings.
15. Except as specifically provided otherwise by this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Application dated February 27, 1995;
 - B. Letter dated February 28, 1995;
 - C. Letter dated July 13, 1995;
 - D. Letter dated August 30, 1995;
 - E. Letter dated June 24, 1996; and
 - F. Letter dated December 20, 1996.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

2/19/97 2/18/97 2/14/97
CB

DATE: February 19, 1997

BY:

ORIGINAL SIGNED BY

Susan L. Greene
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards
Washington, DC 20555

M. Carson

- 2 -

5. Submit a complete renewal application (with proper fee) or termination request (no fee required) at least 30 days before the expiration date on your license. You should receive a reminder notice approximately 90 days before the expiration date. Continued distribution of products containing radioactive material after your license expires is a violation of NRC regulations.
6. In accordance with 10 CFR 30.36, request termination of your license if you plan to permanently discontinue activities involving distribution of products containing radioactive material.

You will be periodically inspected by NRC. Failure to conduct your program in compliance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action(s) against you. This could include issuance of a notice of violation; proposed imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedures for NRC Enforcement Actions," (NUREG-1600).

If you have any questions, please feel free to contact me at (301) 415-6140.

Sincerely,

ORIGINAL SIGNED BY

Anthony S. Kirkwood
Medical, Academic, and Commercial
Use Safety Branch
Division of Industrial and
Medical Nuclear Safety
Office of Nuclear Material Safety
and Safeguards

Docket No. 030-31513

Enclosure: Amendment No. 03

cc: Max K. Batavia, Chief
Bureau of Radiological Health
Department of Health & Environmental Control
2600 Bull Street
Columbia, SC 29201

DISTRIBUTION:

License File 12-23768-01E
IMAB r/f
SBaggett

DOCUMENT NAME: G:\STUDSVIK.CJB

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

| | | | | | | | | | | |
|--------|------------------|-------------------------------------|-----------|-------------------------------------|--|--|--|--|--|--|
| OFFICE | NMSS:IMAB | <input checked="" type="checkbox"/> | NMSS:IMAB | <input checked="" type="checkbox"/> | | | | | | |
| NAME | ASK Kirkwood:cjb | | SLGreene | | | | | | | |
| DATE | 02/18/97 | | 02/19/97 | | | | | | | |

OFFICIAL RECORD COPY

February 19, 1997

Studsvik, Inc.
ATTN: Marty Carson
Chief Operating Officer
132 Harbison Blvd.
Columbia, South Carolina 29212

Dear Mr. Carson:

Enclosed is Amendment No. 03 amending License No. 12-23786-01E in its entirety. This amendment reflects a mailing address change only. You will need to request and receive an approved amendment to the license prior to physically relocating the operation.

Please review the enclosed license carefully and be sure that you understand all the conditions. If there are any errors or questions, please contact me so that appropriate corrections and answers can be provided.

Please be advised that you must conduct your program involving radioactive materials in accordance with the conditions specified in your NRC license, representations made in your license application, and other rules, regulations, and orders of the U.S. Nuclear Regulatory Commission, now or hereafter in effect, to include the following:

1. Comply with applicable NRC regulations in 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material"; 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; and other applicable regulations.

NOTE: Licensees authorized to distribute or initially transfer products containing byproduct material must also possess a valid possession license issued either by NRC or an Agreement State(s) which authorizes possession and use of byproduct material.

2. Distribute only those products containing radioactive material which are specifically authorized in your license.
3. Notify NRC in writing within 30 days of any change in mailing address (no fee is required if the location of radioactive material remains the same).
4. Request and obtain appropriate amendments if you plan to change control or ownership of your organization, change locations of distribution of products containing radioactive material, or make any other changes in your program which are contrary to the license conditions or representations made in your license application and any supplemental correspondence with NRC. A license fee may be charged for the amendments if you are not in a fee-exempt category.

| | | |
|---|--------------------------------------|--------------------------------------|
| TELEPHONE CONVERSATION RECORD | Date: February 18, 1997 | Time: 14:04 |
| Mail Control No.: 21887 | License No.: 12-23786-01E | Docket No.: 030-31513 |
| Person Called: Kurt Skold | Organization: Studsvik Nuclear AB | Telephone Number: 803-781-7000 |
| Person Calling: Anthony S. Kirkwood | | |
| Subject: Amendment request of 12/20/96 | | |
| <p>Summary: Mr. Skold explained that their plans to move to a new location have been delayed. He would like to suspend operations until a new location is arranged. Their old location would be vacated and they would transfer their check sources to another licensee and store their equipment in another location. Their mailing address would be Columbia, SC. I told him to send us a letter to that effect and did not see a problem with this for a short time (he said until summer).</p> | | |
| Action Required/Taken: Await reply. | | |
| Signature: <i>A. Kirkwood</i> | Date: <i>2/18/97</i> | |

Studsvik Nuclear

Handläggare - Matter handled by

Datum - Date
1996-12-20
Ert datum - Your date

Vår referens - Our reference
KS/Kdt
Er referens - Your reference

1 (2)

030-31513

Susan L Greene
Medical, Academic and Commercial
Use Safety Branch
Division of Industrial and Medical Nuclear
Safety
Office of Nuclear Material Safety and
Safeguards
US Nuclear Regulatory Commission
Washington, D.C. 20555-0001
USA

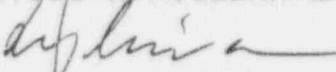
Dear Ms Greene,

This is to inform you that Studsvik plans to relocate the operation covered by Materials License No. 12-23786-01E to a new physical location in the near future. No importation and distribution of topaz has been conducted at the currently licensed location, and none is currently planned. The operation will be resumed only after we have requested and received an approved amendment to the license with regard to the new physical location.

Also, Mr. Stephen Grover will leave his position with Studsvik, Inc. at the end of 1996. Please forward any correspondence in this matter to:

Mr Marty Carson
Chief Operating Officer, Studsvik, Inc.
132 Harbison Blvd.
Columbia, SC 29212
Phone (803)781-7000

Best regards
STUDSVIK NUCLEAR AB


Leif Ericson

cc: Mr Kurt Sköld, Studsvik Nuclear AB
Mr Marty Carlsson, COO, Studsvik Inc.

Confirmed with licensee that this is a mailing address change only at this time. OBoyle 02/887

Brev/ks961220/Kdt

Postadress-Postal address

Studsvik Nuclear AB
S-611 82 NYKÖPING
Sweden

Telefon-Phone

Nat 0155-22 10 00
Int +46 155 22 10 00

Telefax

Nat 0155-26 30 70
Int +46 155 26 30 70

Bank

Svenska Handelsbanken
Box 224, S-611 25 Nyköping

Konto-Account

6601 365 135 542

Swiftcode - HANDSESS

Bankgiro-Banking account

5346-5928

Postgiro-Postal account

36 46 38-7

Innehav F-skattbevis

Registered in

S-611 82 Nyköping, Sweden

Momsreg 04-556193-3556-01

Org no 556193-3556

VAT no SE556193355601

R1201021

LICENSING TRACKING SYSTEM

DATE: 970116

PAGE: 1

LTS WORKSHEET

DOCKET NO : 03031513 LICENSE NO : 12-23768-01E STATUS: 0
MAIL CONTROL: 021887 RECEIPT DATE : 970116 ACTION TYPE: 4
DUE DATE : 970416
FED. GOVT : C INST. CODE : 23768 LICENSE REGION: 0
ISSUE DATE: ~~960808~~ 970219 ORIGINAL DATE: 900328 EXPIRATION DATE: 20010430
NAME : STUDSVIK, INC. DECOM FIN ASSUR REQD: N
SUBM: _

DEPT/BUREAU: _____ CONT PLAN REQD: N APPRV: _

BUILDING : _____

STREET : 132 HARBISON BLVD.

CITY : COLUMBIA STATE: SC ZIP: 29212

CONTACT PERSON: MARTY CARSON PHONE: ~~847-604-8018~~ 803-781-7000

PRIMARY PGM CODE : 03250 SECONDARY PGM CODES: _____

INSPECTION REGION: 3 PRIORITY CODE: 5 INSPECTION CATEGORY: E2

RADIATION SAFETY OFFICER: _____

STATES WHERE USE IS AUTHORIZED: *IL* *04* *0*
0 - ALL LISTED STATES
1 - SAME AS STATE IN ADDRESS
2 - ALL STATES
3 - NON-AGREEMENT STATES

AUTHORIZED STATES: _____ (USE ONLY IF ABOVE IS ZERO)

REPORTING IDENTIFICATION SYMBOL: _____

APPROVAL FOR: REDISTRIBUTION: N STORAGE ONLY: N
TEMPORARY JOB SITES: N INCINERATION: N
BURIAL: N

EXEMPTIONS: (1) _____ (2) _____

SLB-

Assignment

(Contract + mailing
address chg. only)

POSSESSION LIMIT INFORMATION

PAGE: 2

MATERIAL TYPE : NPA FORM CODE: NPA AGGREGATE CODE: NPA
MODEL NUMBER :
DESCRIPTION :
TOTAL QUANTITY : 0000000.000000000 UNIT:
OTHER : # SOURCES:
-

MATERIAL TYPE : FORM CODE: AGGREGATE CODE:
MODEL NUMBER :
DESCRIPTION :
TOTAL QUANTITY : UNIT:
OTHER : # SOURCES:
-

MATERIAL TYPE : FORM CODE: AGGREGATE CODE:
MODEL NUMBER :
DESCRIPTION :
TOTAL QUANTITY : UNIT:
OTHER : # SOURCES:
-

MATERIAL TYPE : FORM CODE: AGGREGATE CODE:
MODEL NUMBER :
DESCRIPTION :
TOTAL QUANTITY : UNIT:
OTHER : # SOURCES:
-

MATERIAL TYPE : FORM CODE: AGGREGATE CODE:
MODEL NUMBER :
DESCRIPTION :
TOTAL QUANTITY : UNIT:
OTHER : # SOURCES:
-

MATERIAL TYPE : FORM CODE: AGGREGATE CODE:
MODEL NUMBER :
DESCRIPTION :
TOTAL QUANTITY : UNIT:
OTHER : # SOURCES:
-

MATERIAL TYPE : FORM CODE: AGGREGATE CODE:
MODEL NUMBER :
DESCRIPTION :
TOTAL QUANTITY : UNIT:
OTHER : # SOURCES:
-

NAME

AUTHORIZATION

ADDRESS WHERE MATERIAL IS USED OR POSSESSED

BUILDING: 1

ROOM: 2209 B LAKESIDE DRIVE

STREET: BANNOCKBURN

CITY: IL 60015

STATE:

BUILDING:

ROOM:

STREET:

CITY:

STATE:

BUILDING:

ROOM:

STREET:

CITY:

STATE:

BUILDING:

ROOM:

STREET:

CITY:

STATE:

BUILDING:

ROOM:

STREET:

CITY:

STATE:

BUILDING:

ROOM:

STREET:

CITY:

STATE:

BUILDING:

ROOM:

STREET:

CITY:

STATE:

BUILDING:

ROOM:

STREET:

CITY:

STATE:

DOCKET: 03031513 LIC: 12-23768-01E NAME: STUDSVIK, INC.

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PARTY ISSUING MECHANISM: ASSUR TYPE : _ (C=CERT D=DFP)
NAME : MECH TYPE : _
ADDR1: MECH AMOUNT: _
ADDR2: APPROVED? DATE: _
CITY : EXPIRES ? DATE: _
STATE: ZIP: _

PAGE : 5

INTERIM STORAGE UP TO 1996: N

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03250
Status Code: 0
Fee Category: 31
Exp. Date: 20010430
Fee Comments:
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED
Applicant/Licensee: STUDSVIK, INC.
Received Date: 970116
Docket No.: 3031513
Control No.: 21887
License No.: 12-23768-01E
Action Type: Amendment

2. FEE ATTACHED

Amount:
Check No.:

3. COMMENTS

Signed
Date

C Boyle 1/30/97

*Sandy-
This is a mailing
address change per my
conversation with
Mr. Carson.
C Boyle*

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered ✓)

1. Fee Category and Amount: 31

2. Correct Fee Paid. Application may be processed for:

Amendment
Renewal
License

3. OTHER

Signed
Date

M 2/3/97

No Fee Required

*Mailing Address Change Only
per 187 HDS*

1997 JAN 31 AM