



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

MATERIALS LICENSE

VICTOREEN, INC.
6000 Cochran Road
Solon, Ohio 44139

License No. 34-25957-03E
Docket No. 030-30726
Amendment No. 04

In accordance with letter dated May 5, 1995, License No. 34-25957-03E is amended in its entirety to read as follows:

Pursuant to the Atomic Energy Act of 1954, as amended; the Energy Reorganization Act of 1974, as amended (Public Law 93-438); 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material"; Sections 32.14 and 32.18, 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; and application dated April 30, 1996; a license is hereby issued to Victoreen, Inc. to distribute electron tubes containing nickel-63; ionizing radiation measuring instruments containing chlorine-36; TLD readers containing carbon-14; sealed sources containing chlorine-36 and carbon-14; and byproduct material as identified in licensee's letter dated April 30, 1996, to persons exempt from licensing pursuant to Sections 30.15 and 30.18, 10 CFR Part 30, or equivalent provisions of the regulations of any Agreement State.

This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and other applicable rules, regulations, and orders of the U.S. Nuclear Regulatory Commission, now or hereafter in effect, and to the following conditions:

1. This license does not authorize possession or use of licensed material.
2. The licensee is authorized to distribute only from its facility located at 6000 Cochran Road, Solon, OH.
3. The licensee shall submit periodic material transfer reports as specified in Sections 32.16 and 32.20, 10 CFR Part 32.

This license shall expire on June 30, 2004.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

DATE: December 20, 1996

BY:

12/19/96
58/12/19/96
12/19/96
CB
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

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December 20, 1996

Victoreen, Inc.
ATTN: Clare Grehofsky
Radiation Safety Officer
6000 Cochran Road
Solon, Ohio 44139-3395

Dear Ms. Grehofsky:

Enclosed is Amendment No. 04 amending NRC License No. 34-25957-03E in its entirety.

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.

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

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. 030-30726

Enclosure: Amendment No. 04

cc: Roger L. Suppes, Chief
Bureau of Radiological Health
Ohio Department of Health
35 East Chestnut Street
P.O. Box 118
Columbus, OH 43266-0118

DISTRIBUTION:
License File 34-25957-03E
IMAB r/f
SBaggett

DOCUMENT NAME: G:\VICTOREN.CJB

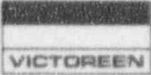
To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

OFFICE	IMAB:NMSS	<input checked="" type="checkbox"/>	IMAB:NMSS	<input checked="" type="checkbox"/>						
NAME	ASKirkwood	<input checked="" type="checkbox"/>	SLGreene	<input checked="" type="checkbox"/>						
DATE	12/19/96		12/19/96							

OFFICIAL RECORD COPY

TELEPHONE CONVERSATION RECORD		Date: October 15, 1996	Time: 15:49
Mail Control No.: 021749		License No.: 34-25957-03E	Docket No.: 030-30736
Person Called: Clare Grehofsky		Organization: Victoreen, Inc.	Telephone Number: 216-248-9300x286
Person Calling: Anthony S. Kirkwood			
Subject: Deficiency Telephone Call			
Summary: Informed Ms. Grehofsky: <ul style="list-style-type: none"> - To send a hard copy of her letter dated October 10, 1996. - Add a sentence to the hard copy letter which deletes Item 3, Form 313, dated 4/30/96, reference to the NY location, since a commercial transfer takes place and products specified in 10 CFR 30.15 are not initially transferred from NY nor is byproduct material applied to or incorporated into the products specified in 10 CFR 30.15, at the NY location. 			
Action Required/Taken: Include this record with docket.			
Signature: <i>A. Kirkwood</i>		Date: 10/15/96	

Victoreen, Inc.



October 10, 1996

Anthony Kirkwood
U.S. Nuclear Regulatory Commission
Division of Industrial and Medical Nuclear Safety
Office of N.M.S.S.
Washington, D.C. 20555-0001

RE: USNRC License # 34-25957-03E
Control # 021749

Dear Mr. Kirkwood,

As we discussed on the phone, Nuclear Associates and Victoreen are separate profit centers. When an item is transferred from Nuclear Associates to Victoreen, a purchase order is issued at that time to cover the cost of the item. Nuclear Associates fills the order. The item is then transferred to Victoreen and received by the shipping department, who forwards the paperwork to Accounts Payable. The same process is used for transfers of Victoreen products to Nuclear Associates with an additional gross margin mark up.

Since Victoreen will be the initial distributor of all material authorized pursuant to 32.14, the address listed on our NRC form 313, dated 4/30/96, can be changed to list only Victoreen's address.

If I can provide any further information, do not hesitate to call me at (216) 248-9300 (x286).

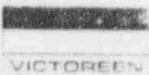
Sincerely,

Clare Grehovsky
Radiation Safety Officer
Victoreen, Inc.

6000 Cochran Road
Cleveland, Ohio 44139-3395
(216) 248-9300
FAX (216) 248-9301
DATA (216) 248-9043

Victoreen, Inc.

030-30726



May 5, 1995

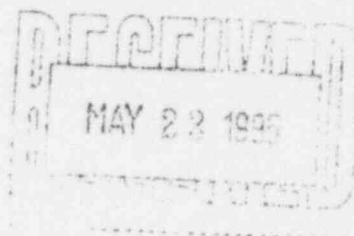
Susan Green
U.S. Nuclear Regulatory Commission
Division of Industrial and Medical Nuclear Safety
Office of N.M.S.S
Washington, DC 20555-0001

Dear Ms. Green:

Per our conversation of May 2, 1995, enclosed please find an application designed to amend our NRC License # 34-25957-03E to broaden our distribution authorization to include the products presently offered for sale through our Carle Place, New York, Nuclear Associates Division under the authority of NRC License # 31-15964-01E. In addition, the amendment application requests authority to manufacture and distribute to non-licensees a broader base of products using sealed sources and devices received from a variety of licensed suppliers including Victoreen under our possession license # 34-25957-01.

Also enclosed is a check in the amount of \$1100.00 to cover the amendment fee as described in 10 CFR 170, category 3I.

At the present time, the wording of our distribution license (# 34-25957-03E) restricts our manufacturing processes to specific procedures and sealed source suppliers to specific companies model numbers, etc. With a shrinking domestic market but fortunately expanding foreign opportunities, Victoreen must have greater flexibility in its manufacturing and distribution procedures in order to remain competitive in this global market. Reducing licensing costs and the time delays associated with licensing decisions and the ability to select vendors and assembly procedures based on economic parameters can be one way to insure our competitive viability. This can be achieved without compromising radiation safety principles as applies to our product and service line or deviating from the rules and regulations found in 10 CFR.



6000 Cochran Road
Cleveland, Ohio 44139-3305
(216) 248-9300
FAX (216) 248-9301
DATA (216) 248-9043

021749

Susan Green
U.S. NRC - Office of N.M.S.S.
May 5, 1995 -- Page 2 of 2 Pages

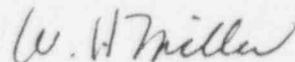
Hopefully you will be able to act on this amendment application favorably. If it is impossible in principle, a telephone call to that effect at your earliest would be appreciated so as an alternate proposal can be formulated. If there are only parts of the application that are problematic, perhaps I again can be advised by telephone so that adjustments in the application can be made.

If the application is approved and an amendment is received, it is Victoreen's intention to ship all exempt radioactive material not associated with instruments and/or devices and all specifically licensed material at our Nuclear Associates Division to our Solon, Ohio facilities for ultimate sale and distribution. A close out survey will be performed and a request submitted to the state of New York to terminate the Nuclear Associates Division possession and distribution license. A similar request will be made to your office to terminate their 01E license.

Thank you for your very informative guidance in this matter. I only hope the application reflects the possibilities and not my wishful thinking!

If you would like to reach me, my telephone number is (216)-248-9300 ext. 341.

Sincerely,



William H. Miller
Project coordinator

WHM/mas
Attachment

NRC FORM 313
(3-92)
10 CFR 30.32, 33,
34, 35 and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB NO. 3150-0120
EXPIRES 6-30-93

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST 3.25 HOURS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNB 7714) U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20566 AND TO THE PAPERWORK REDUCTION PROJECT (3150-0120) OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20566

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

NUCLEAR MATERIALS SAFETY SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2900
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
796 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

MATERIAL RADIATION PROTECTION SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

NUCLEAR MATERIALS SAFETY SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION V
1450 MARIA LANE
WALNUT CREEK, CA 94596-5300

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- ☐ A. NEW LICENSE
☒ B. AMENDMENT TO LICENSE NUMBER 34-25957-03E
☐ C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

VICTOREEN, INC.
6000 Cochran Road
Solon, Ohio 44139

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

6000 Cochran Road
Solon, Ohio 44139

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Bill Miller

TELEPHONE NUMBER Ext. 341
(216) 248-9300

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

9. FACILITIES AND EQUIPMENT

10. RADIATION SAFETY PROGRAM

11. WASTE MANAGEMENT

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 3I

AMOUNT ENCLOSED * \$1100.00

13. CERTIFICATION. (Must be completed by Applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 36, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN, IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1946, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE - CERTIFYING OFFICER

TYPED/PRINTED NAME

Charles C. Francisco

TITLE

C.E.O.

DATE

4 May '95

FOR NRC USE ONLY

TYPE OF FEE FEE LOG FEE CATEGORY COMMENTS

AMOUNT RECEIVED

CHECK NUMBER

APPROVED BY

DATE

021749

ITEM 5 of NRC FORM 313

Please Amend item # 6,7, and 8 of License # 34-25957-03E to read as follows:

- A. Byproduct Material as listed in 10 CFR 30.71, Schedule B, as sealed sources. Not Applicable (see condition 10)
- B. Americium - 241 as described in 10 CFR 30.15 (a)(9)(iii), as sealed sources. Not Applicable (see condition 10)

ITEM 6 of NRC FORM 313

Please amend Item 9 of License # 34-25957-03E to read as follows:

9. Authorized Use:

Pursuant to section 32.14, 10 CFR 32, the licensee is authorized to manufacture, package, and distribute electron tubes containing Nickel-63, ionizing radiation measuring instruments containing Chlorine-36 and TLD readers containing Carbon-14 in which the sealed source is fabricated by Victoreen to persons exempt from licensing pursuant to 10 CFR 30.15 or equivalent regulations of any Agreement State.

Pursuant to section 32.14, 10 CFR 32, the licensee is authorized to manufacture, package, and distribute ionizing radiation measuring instruments as described in 10 CFR 35.15 (a)(9) containing sealed calibration or standardization sources manufactured and/or distributed per the provisions of a specific license issued by the U.S. NRC or an Agreement State to persons exempt from licensing pursuant to 10 CFR 30.15 or equivalent regulations of any Agreement State.

Pursuant to section 32.14, 10 CFR 32, the licensee is authorized to redistribute ionizing radiation measuring instruments as described in 10 CFR 35.15(a)(9) to which have been added by Victoreen, internal or external calibration or standardization sources manufactured and/or distributed per the provisions of a specific license issued by the U.S. NRC or an Agreement State to persons exempt from licensing pursuant to 10 CFR 30.15 or equivalent regulations of any Agreement State.

Pursuant to section 32.14, 10 CFR 32, the licensee is authorized to package and distribute devices described in 10 CFR 30.15 (a) as received directly or by redistribution from an original supplier authorized to manufacture and/or initially distribute such devices per the provisions of a specific license issued by the U.S. NRC or an Agreement State to persons exempt from licensing pursuant to 10 CFR 30.15 or equivalent regulations of any Agreement State.

Pursuant to section 32.18, 10 CFR 32, the licensee is authorized to manufacture, package, and distribute sealed sources containing Carbon-14 and Chlorine-36 to persons exempt from licensing pursuant to 10 CFR 30.18 or equivalent regulations of any Agreement State.

Pursuant to section 32.18, 10 CFR 32, the licensee is authorized to distribute or redistribute sealed sources received from manufactures or initial distributors holding a specific license issued by the U. S. NRC or Agreement State to persons exempt from licensing pursuant to 10 CFR 30.18 or equivalent regulations of any Agreement State.

ITEM 7 of NRC FORM 313

Please amend license # 34-25957-03E to delete Kathleen Sfiligoj as Radiation Safety Officer and add Clare E. Grehovsky. Ms. Grehovsky is presently named as RSO on our possession license #34-25957-01.

CONDITIONS

Please amend condition 10 of License # 34-25957-03E to read as follows:

10. Instruments, devices and sealed sources distributed pursuant to this license may not contain more than the quantities of radioactive material specified in 10 CFR 30.71, Schedule B or as limited by or permitted in 10 CFR 30.15 (a)(1)-(10) as applicable.

The licensee shall maintain on file documentation supporting compliance with the provisions of 10 CFR 32.14 and 10 CFR 32.15 as regards items described in 10 CFR 30.15 and of 10 CFR 32.18 and 32.19 as relates to items described in 10 CFR 30.18 both as exemplified in the enclosed attachments and those submitted in the application for renewal of license # 34-25957-03E dated September 20, 1993 and letter dated June 2, 1994.

Please amend condition 11 of License # 34-25957-03E to read as follows:

The licensee may distribute byproduct material authorized by 10 CFR 32.14 from its facilities at 6000 Cochran Road, Solon, Ohio and its Nuclear Associates Division at 100 Voice Road, Carle Place, New York.

The licensee may distribute byproduct material authorized by 10 CFR 32.18 only from its facilities at 6000 Cochran Road, Solon, Ohio.

INSTRUCTIONS RELATING TO THE HANDLING, USE, STORAGE AND DISPOSAL OF THIS RADIOACTIVE MATERIAL

The contents of this package are exempt from NRC or Agreement
State licensing requirements.

CAUTION: RADIOACTIVE MATERIAL — NOT FOR HUMAN USE

Introduction into foods, beverages, cosmetics, drugs or medicinals or
into products manufactured for commercial distribution is prohibited.
Exempt quantities should not be combined.

A. For any source

1. All radioactive materials should be stored in specially designated areas.
2. All work with these materials should be carried out only in authorized areas.

B. For unsealed sources

1. No pipetting should be done by mouth.
2. There should be no smoking or eating within the work area.
3. Hands should be washed after handling radioactive materials.
4. Any spilled material should be wiped up quickly and thoroughly and the contaminated materials transferred to a suitable waste receptacle. The surfaces involved should be washed thoroughly with a suitable detergent.
5. The amount of radioactive material in this package may be discarded in the standard sewer system. The containers may be discarded in the regular laboratory waste if the radiation caution labeling is removed or defaced.

C. For sealed or plated sources

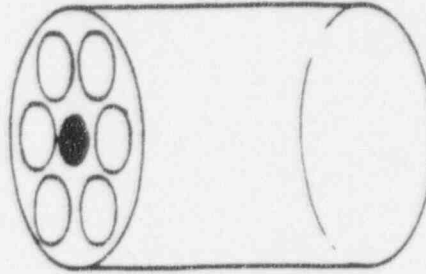
1. Sources should be handled carefully to avoid breaking the seal (for example scratching the thin window).
2. If the seal appears to be damaged follow decontamination procedure as in B4 above.
3. This small amount of radioactivity may be disposed into regular laboratory waste IF, the label and wording on the source is defaced.

An example of an accompanying
brochure supplied with sealed
sources containing exempt quantities.

VICTOREEN, INC.
License #34-25957-03E
Date Prepared: 5/4/95
Page 4 of 6 Pages

Multi-Dosimeter Calibrator

MODEL 06-201



LIMITED WARRANTY

This product and its accessories, except as noted below, are warranted by VICTOREEN, INC. against defects in materials and workmanship for a period of one year from the date of original shipment. During the warranty period, VICTOREEN will repair or, at its option, replace, at no charge, a product containing such defect provided it is returned, transportation prepaid, to the VICTOREEN repair facility listed below. Products repaired in warranty will be returned transportation prepaid.

In addition, the calibration of each product is warranted to be within its specified accuracy at the time of shipment. If an error in this initial calibration is discovered, the product will be recalibrated at no charge, provided it is returned as described above. This does not apply to any calibration deviation that may result from normal use.

There are no warranties, expressed or implied, including without limitation any implied warranty of merchantability or fitness, which extend beyond the description on the face hereof. This expressed warranty excludes coverage of, and does not provide relief for, incidental or consequential damages of any kind or nature, including but not limited to loss of use, loss of sales or inconvenience. The exclusive remedy of the purchaser is limited to repair, recalibration or replacement of the product at VICTOREEN's option.

This warranty does not apply if the product, as determined by VICTOREEN, is defective because of normal wear, accident, misuse, or as a result of service or modification by other than an authorized VICTOREEN repair facility. This warranty is void if the unit is subjected to temperatures above 55°C.

**This warranty specifically excludes any items covered by their original manufacturer's warranty.*

NON-WARRANTY SERVICE

If repairs or replacement are not covered by this warranty are required, a repair estimate will be submitted for approval before proceeding with the repair or replacement.

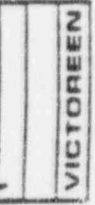
REPAIR SERVICE:

Return the product, prepaid to:
Nuclear Associates, Division of Victoreen, Inc.
100 Voice Road • Carle Place, NY 11514-0349

IMPORTANT: To expedite your repair, please supply the following: (1) Complete detailed description of problem. (2) Purchase Date. (3) Name of Vendor. (4) Order Number. Also indicate which, if any, accessory items (batteries, carrying case, check source, voltage converter, etc.) are included in the return.

NUCLEAR ASSOCIATES

Division of VICTOREEN, INC.
100 VOICE ROAD
CARLE PLACE, NY 11514 0349



Repairs (516) 741-2842 • Sales (516) 741-1990

An example of an Instruction Manual distributed with an instrument containing an exempt quantity.

VICTOREEN, INC.
License #34-25957-03E
Date Prepared: 5/4/95
Page 5 of 6 Pages

Label samples

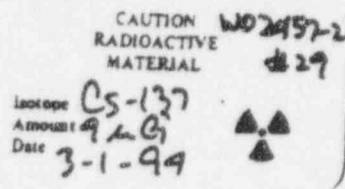
62-103 labels:



06-201 labels:



05-578-2 labels:



Tape placed on lead foil containing exempt source:



Exceptions label which is placed on the outside surface of the box containing the exempt source:

EXCEPTIONS

Radioactive materials in limited quantities, as defined by section 173.421 of the Code of Federal Regulations Title 49, are exempted from *specification packaging, marking, labeling, shipping papers, certification, and the special requirements for air*, if all of the following conditions are met:

- The materials are contained in strong packages that will ensure no leakage under conditions normally incident to transportation;
- The radiation dose rate at any point on the external surface of the package does not exceed 0.5 mSv/hr;
- There is no significant removable radioactive contamination on the exterior of the package;
- The outside of the inner container bears the marking "RADIOACTIVE";
- The following statement accompanies the package: "This package conforms to the conditions and limitations specified in 49 CFR 173.421 for excepted radioactive material, limited quantity, n.o.s. UN2910."

VICTOREEN, INC.
License #34-25957-03E
Date Prepared: 5/4/95
Page 6 of 6 Pages

Victoreen

MAIL CONTROL NO.: 021749

30.15(1)	Timepieces, hands, or dials
30.15(2)	Lock illuminators
30.15(3)	Precision balance components
30.15(4)	Automobile shift quadrants
30.15(5)	Marine compasses
30.15(6)	Thermostat dials and pointers
30.15(8)	Electron tubes
30.15(9)	Ionization measuring instruments
30.15(10)	Spark gap irradiators

32.14: CERTAIN ITEMS (30.15)

- (a) Applicant satisfied general requirements in 30.33, 10 CFR Part 30 (copy of possession license for Agreement States - verification possession license for NRC states) ✓

COMMENTS: _____

- (b) Applicant submits sufficient information regarding product pertinent to evaluation of potential radiation exposure, including: ? ✓

COMMENTS: Previously submitted / Current submission too.

1. Chemical and physical form and maximum quantity of BPM in each product ✓

COMMENTS: _____

2. Details of construction and design of product ✓

COMMENTS: SSSS TAR required? No, as per
John L. on 8/2/90

3. Method of containment or binding of BPM in product ✓

COMMENTS: _____

4. Procedures for prototype testing to demonstrate that the material will not become detached from the product or that BPM will not be released under severe conditions ✓

COMMENTS: _____

5. Results of prototype testing ? ✓COMMENTS: Not mentioned in current submission Method only6. Quality control procedures to be followed in the fabrication, and the quality control standards the product will be required to meet ✓COMMENTS: Again SSSS TAR needed?7. Proposed method of labeling or marking each unit, except for timepieces or hands or dials containing H-3 or Pm-147 and it's container with the identification of the manufacturer and the BPM (10 CFR 32.89) ✓COMMENTS: Examples supplied8. For products with limits specified in 30.15, the radiation level and method of measurement ✓COMMENTS: 1 mR @ 1 cm pancake probe9. Any additional information, studies, and tests regarding product safety No

COMMENTS: _____

(c) Each product will contain no more than the quantity of BPM specified for that product in 30.15 ✓COMMENTS: 30.71 Schedule B limits stated

Victoreen

MAIL CONTROL NO.:

021749

32.18: EXEMPT QUANTITIES OF BPM (30.18)

- (a) Applicant satisfies 30.33 for the manufacture, distribution, and transfer of exempt quantities of BPM except for a license to transfer BPM manufactured, processed, produced, packaged, or repackaged pursuant to a license issued by an Agreement State

✓

COMMENTS:

RTH -01

- (b) The BPM is not contained in any food, beverage, cosmetic, drug, or commodity designed for ingestion, inhalation by, or application to humans

✓

COMMENTS:

So stated

- (c) The BPM is not incorporated into any manufactured or assembled commodity, product, or device intended for commercial distribution

✓

COMMENTS:

Spore part

- (d) Applicant submits copies of prototype labels and brochures for approval

✓

COMMENTS:

32.19: Conditions for License Under 32.18

- (a) No more than 10 exempt quantities set forth in 30.71, Schedule B shall be sold or transferred in any single transaction (an individual exempt quantity may be composed of fractional parts so that the sum does not exceed unity)

✓
Licensee
agrees to
this

COMMENTS:

Not stated - write in license

- (b) Each quantity shall be separately and individually packaged with no more than 10 individual packages contained in any outer package for transfer. The external surface dose rate of the outer package must not exceed 0.5 mRem per hour

✓
↓

COMMENTS:

As above - So stated

(c) The immediate container shall bear a durable, legible label which: ☒

COMMENTS: Addendum #4

1. Identifies the radioisotope and quantity of activity ☒

COMMENTS: _____

2. Bears the words, "RADIOACTIVE MATERIAL" ☒

COMMENTS: _____

(d) Label or accompanying brochure shall state: _____

COMMENTS: See Addendum #4

1. Contents are exempt from NRC or Agreement State licensing requirements ☒

COMMENTS: _____

2. Bear the words, "RADIOACTIVE MATERIAL--NOT FOR HUMAN USE
INTRODUCTION INTO FOODS, BEVERAGES, COSMETICS, DRUGS, OR
MEDICINALS, OR INTO PRODUCTS MANUFACTURED FOR COMMERCIAL
DISTRIBUTION IS PROHIBITED--EXEMPT QUANTITIES SHOULD NOT BE
COMBINED" ☒

COMMENTS: _____

3. Set forth additional radiation safety precautions and
instructions for handling, use, storage, and disposal of
radioactive material ☒

COMMENTS: A. B. C.

Victoreen

MAIL CONTROL NO.:

021749

32.29(b): LABELS

- (a) Each detector must contain a durable, legible, readily visible label or marking on external surface of detector containing: _____

COMMENTS: _____

- ^{CAUTION}
1. "CONTAINS RADIOACTIVE MATERIAL" ✓

COMMENTS: _____

Licensee states and gives examples

2. Name and quantity of activity of BPM ✓

COMMENTS: _____

3. Identification of the person licensed for transfer Victoreen ✓

COMMENTS: _____

Dupont and Nuclear Associates also?

- (b) Label or marking is located where it will be readily visible when the detector is removed from its mounting No

COMMENTS: _____

Not stated

- (c) The external surface of the point-of-sale package has a legible, readily visible label or marking containing: ?

COMMENTS: _____

No location stated. Label examples only. No mention of point-of-sale.

1. Name and quantity of activity of BPM _____

COMMENTS: _____

2. Identification of licensed person _____

COMMENTS: _____

✓

3. The following or similar statement:

THIS DETECTOR CONTAINS RADIOACTIVE MATERIAL AND HAS BEEN
MANUFACTURED IN COMPLIANCE WITH U.S. NRC SAFETY CRITERIA IN
10 CFR 32.27. THE PURCHASER IS EXEMPT FROM ANY REGULATORY
REQUIREMENTS.

COMMENTS: _____

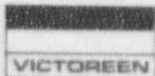
4. Each detector and point-of-sale package is provided with any
information as may be required by the Commission

COMMENTS: _____

5. Applicant must maintain records and product transfer reports

COMMENTS: _____

Victoreen, Inc.



April 30, 1996

Susan Green
U.S. Nuclear Regulatory Commission
Division of Industrial and
Medical Nuclear Safety
Office of N.M.S.S.
Washington, DC 20555-0001

**RE: US NRC License # 34-25957-03E
and Control Number 021749**

Dear Ms. Green:

Referencing our License Amendment request dated May 4, 1995 and our telephone conversation of March 1, 1996, please accept the following NRC Form 313, its attachment for Items 5 & 6, and the addenda supporting an application for a license authorizing the distribution of byproduct material per the provisions of 10CFR32.14 and 10CFR32.18 to persons exempt from licensing per 10CFR30.15. This amendment application is designed to supercede the application previously submitted and dated September 20, 1993 and the letter that followed dated June 2, 1994 leading to renewal of this license on September 1, 1994 and to replace the letter dated May 4, 1995 as an amendment request not acted upon by the Commission.

The purpose of this amendment application in summary is to achieve clear authorization for Victoreen to:

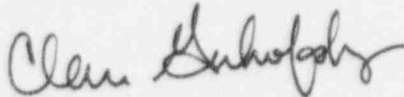
1. Manufacture and distribute instruments and devices containing sources of C-14, Ni-63 and Cl-36 fabricated by Victoreen. 32.14
2. Manufacture and distribute instruments and devices containing sources made by others but installed by Victoreen. 11

U.S. Nuclear Regulatory Commission
Division of Industrial and
Medical Nuclear Safety
April 30, 1996 -- Page 2 of 2

3. Distribute instruments and devices manufactured by others after installing sources also manufactured by others. 32.4
4. Distribute instruments and devices received from others containing sources manufactured by others. 32.4
5. Manufacture and distribute sources of C-14 and Cl-36 made by Victoreen. 32.4
6. Distribute sources manufactured by others. 32.4

Accelerated action on this amendment request is urged. If additional information is required, please do not hesitate to call me at (216) 248-9300, Ext. 286.

Sincerely,



Clare Grehofskey
Radiation Safety Officer

mj

APPLICATION FOR MATERIAL LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCT: FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555

ALL OTHER PERSONS: FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

NUCLEAR MATERIALS SAFETY SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET, NW, SUITE 2800
ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
786 ROOSEVELT ROAD
GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

MATERIAL RADIATION PROTECTION SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
811 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

NUCLEAR MATERIALS SAFETY SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION V
1450 MARIA LANE
WALNUT CREEK, CA 94696-5366

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item):



A. NEW LICENSE



B. AMENDMENT TO LICENSE NUMBER 34-25957-03E



C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Includes Zip Code):

VICTOREEN, INC.
6000 COCHRAN ROAD
SOLON, OH 44139

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED:

Manufacturing at 6000 Cochran Road, Solon, Ohio 44139
Distribution from 6000 Cochran Road, Solon, Ohio 44139 and for material authorized pursuant to 10CFR32.14 from Victoreen's Nuclear Associates Div., 100 Voice Road, Carle Place, NY 11514

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION:

Clare E. Grehofsky

TELEPHONE NUMBER

(216) 248-9300 x286

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL: SEE ATTACHED

a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.

SEE ATTACHED

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE:

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS:

9. FACILITIES AND EQUIPMENT:

10. RADIATION SAFETY PROGRAM:

11. WASTE MANAGEMENT:

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY 3I

AMOUNT ENCLOSED \$ None

13. CERTIFICATION (Must be completed by applicant): THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1946, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE - CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE

Charles C. Francisco

Charles C. Francisco

C.E.O.

4/30/96

FOR NRC USE ONLY

TYPE OF FEE FEE LOG FEE CATEGORY COMMENTS

AMOUNT RECEIVED

CHECK NUMBER

APPROVED BY

DATE

NRC Form 313, Item 5

Radioactive Material:

Any byproduct material with atomic numbers between 1-83; inclusive as sealed sources in quantities each not to exceed those listed in 10CFR30.71 Schedule B.

NRC Form 313, Item 6

Purposes:

- A. Distribution of instruments and or devices as described in 10CFR30.15 containing byproduct material as sealed sources in quantities not to exceed those listed in 10CFR30.71 Schedule B or 10CFR30.15 whichever is more restrictive to individuals exempt from licensing pursuant to 10CFR30.15 or equivalent regulations of any agreement state. See Addendum #1.
- B. Distribution of sealed reference or calibration sources to individuals exempt from licensing pursuant to 10CFR30.18 or equivalent regulations or any agreement state. See Addendum #2.

Per the provisions of 10CFR32.14, a specific license is requested to apply byproduct material to or incorporate byproduct material into the products specified in 10CFR30.15 or to initially transfer for sale or distribution such products containing byproduct material for use pursuant to 10CFR30.15. This application is limited to those devices listed in 10CFR 30.15 (a) (8) (iii), and 10CFR30.15 (a) (9).

In support of the requirements of 10CFR32.14 (a)-(c), the following is submitted in the order requested:

10CFR32.14 (a) Victoreen, Inc. is authorized to possess and use radioactive materials in the types and quantities requested in this amendment application by US NRC License #34-25957-01 and, therefore, meets the requirements of 10CFR30.33. See attached Addendum #3 (License Copy).

(b) (1) The chemical form of all of the byproduct materials to be considered in this application will either be elemental (electroplated Ni-63) or a simple salt (all others). The physical form in all cases will be as sealed sources. The maximum quantity of byproduct material in any single instrument or device will not exceed the quantity described in 10CFR30.15(a) or if not listed, the quantity given in 10CFR30.71 Schedule B.

(2) Ni-63 containing devices will be electron tubes of various configuration with the radioactive material electroplated onto wires, discs, or other suitable anode surfaces. The anodes will be encapsulated in glass, ceramics, metals and/or combinations of such materials with only electrical leads emerging. The devices will be sealed by welding, crimping or fusing such that mechanical destruction will be required to remove or expose the Ni-63 bearing surface.

C-14 containing light sources used for instrument standardization will be constructed using Barium C-14 carbonate solution deposited, dried, and sandwiched between two TLD chips. The chips will be placed in a Lucite or other suitable holding device and covered with epoxy to seal. The radioactive material will be accessible only if the device is mechanically destroyed.

Cl-36 containing check sources will be constructed by depositing a solution of Na Cl-36 into a brass cup. The solvent will be allowed to evaporate to dryness and the radioactive material residue sealed by soldering a thin brass window onto the cup to cover. Other suitable materials providing similar containment guarantees may be substituted for brass when instrument design necessitates. The check sources will be fabricated such that mechanical destruction or heating to solder melt conditions will be required to liberate the radionuclide.

Devices and/or instruments to which have been applied by Victoreen any of the other radionuclides for which this application is submitted will contain sealed sources that have been pre-tested for integrity and durability and distributed per a specific license issued by the US NRC or agreement state authority to persons exempt from licensing pursuant to 10CFR30.18 or equivalent regulations or any agreement state.

- (3) Electrodeposition of Ni-63 and encapsulation within electron tube shells will insure permanent bonding to the device.

Sealed sources intended to be permanently installed in instruments will be affixed such that removal will require dismantling of the device in which it is installed. The check or calibration source(s) will be attached to an interior component by the use of screws, rivets, metal tabs, etc., or when possible, soldered or epoxied to impede removal.

Sealed check or calibration sources not intended to be permanently installed in an Ionizing Radiation Detection instrument will be distributed in accordance with 10CFR 32.18 (to be discussed in the next section of this letter).

- (4) Victoreen manufactured check and instrument calibration sources and instruments or instrument components containing these sources have been and will continue to be prototype tested as developed. This testing will be performed to ensure the source(s) will not become detached from the product and that byproduct material will not be released to the

environment under the most severe conditions likely to be encountered in normal use of the instrument.

Specifications for the conditions of use are normally supplied by the customer as part of a purchase order requirement.

Prototype testing includes:

- a) Drop testing from up to nine meters
- b) Vibration testing from 0 Hz to 1 KHz
- c) Temperature testing from -60°C to +200°C
- d) Life testing
- e) Dry and Wet leakage analysis
- f) Seismic three axis earthquake simulation as required
(Off site by contract)

All of the above testing should be considered in the category non-destructive.

- (5) All Victoreen manufactured and assembled sealed sources, devices, and instruments are fabricated following written manufacturing instructions. These instructions are authored during product development, modified as required during prototype testing, and finalized over the signatures of the Quality Assurance Manager, the Manufacturing Manager, and the Radiation Safety Officer.

Sources, instruments, and devices are manufactured by Victoreen in small lots (e.g., 10-100 units) except Electron Tubes. Therefore, each is examined and tested individually for quality throughout the manufacturing process. Criteria such as radionuclide identity, activity per source, radiation levels at specified distances, shutter (if equipped) operation, absence of removable contamination, etc., are included in the Quality Assurance Program as points to be examined. Victoreen manufactured sources containing Cl-36 and C-14 are each assayed before encapsulation using a Victoreen Model #500 Electrometer and Air Ionization Chamber against a certified standard of the same radionuclide.

32.110

Ni-63 Electron Tubes are manufactured in larger lots (e.g., 100-1000) and, therefore, some manufacturing steps are concluded with less than 100% intermediate testing including the assay for Ni-63 content. The requirements of 10CFR32.210 for lot tolerance percent defective 5.0% is met by assaying one of five plated parts as made and prior to encapsulation. The final product is 100% tested for functionality and proper voltage operation. Sample 51200

- What do you
define as 100%?
- (6) All instruments or devices distributed per this section are labeled with the following information:

- a) Manufacturer
- b) Type and quantity of byproduct material present.

Labeling may be in the form of printed stickers, etching or painting. See Addendum #4 for examples.

- (7) Radiation levels from Electron Tubes will not exceed 1.0 mR/h at one cm from any surface as measured by a Victoreen G-M Model 190 or equivalent survey meter with pancake probe attached.

- (c) No sealed source, instrument or device subject of this application will contain a quantity of radioactive material exceeding the limits outlined in 10CFR30.15.

10CFR32.15 (a-d) It is understood that if this amendment request is approved, the conditions of this section of 10CFR32 would apply.

10CFR32.16 (a-e) It is understood that if this amendment request is approved, the conditions of this section of 10CFR32 would apply.

Per the provisions of 10CFR32.18, a specific license is requested to manufacture, process, produce, package, repackage and transfer quantities of byproduct material to persons exempt pursuant to 10CFR30.18 or equivalent agreement state regulations. Manufacturing would be limited to production of sealed sources containing Cl-36 and C-14 with distribution of these sources limited to individuals in need of replacement sources in instruments purchased earlier per the provisions of 10CFR32.14. Repackaging and transfer of other exempt quantities of byproduct material would be limited to sealed sources manufactured and initially distributed by others to individuals per the provisions of 10CFR32.18 or an equivalent agreement state regulation/license.

In support of the requirements of 10CFR32.18 (a)-(d), the following is submitted in the order requested:

- 10CFR32.18 (a) Victoreen, Inc. is authorized to possess and use radioactive materials in the types and quantities requested in this amendment application by US NRC License # 34-25957-01 and, therefore, meets the requirements of 10CFR30.33. See attached Addendum #3 (License Copy).
- (b) The byproduct material subject of this application will not be contained in or designed to be introduced into any food, beverage, cosmetic, drug or other commodity designed for ingestion or inhalation by, or application to, a human being.
- (c) The byproduct material subject of this application will be plated or encapsulated sources identified as radioactive and to be used for its radioactive properties. They will not be incorporated into any manufactured or assembled product or device intended for commercial distribution except as an instrument or device distributed per the provisions of 10CFR32.14.
- (d) For sealed source labeling and brochure examples, see attached Addendum #4. In addition, labeling of sources initially distributed by others will not be modified excepting that the Victoreen or Nuclear Associates name may be added.
- 10CFR32.19 (a-d) It is understood that if this amendment request is approved, the conditions of this section of 10CFR32 would apply.
- 10CFR32.20 (a-d) It is understood that if this amendment request is approved, the conditions of this section of 10CFR32 would apply.

MATERIALS LICENSE

Amendment No. 15

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.

<p>Licensee</p> <p>1. Victoreen, Inc.</p> <p>2. 6000 Cochran Road Cleveland, OH 44139-3395</p>		<p>In accordance with letter dated August 16, 1994</p> <p>3. License Number 34-25957-01 is renewed in its entirety to read as follows:</p>	
		<p>4. Expiration Date April 30, 2001</p>	
		<p>5. Docket or Reference No. 030-30736</p>	
<p>6. Byproduct, Source, and/or Special Nuclear Material</p>		<p>7. Chemical and/or Physical Form</p>	
<p>A. Any byproduct material with Atomic Nos. 1-83; inclusive</p>		<p>A. Any</p>	
<p>B. Any byproduct material with Atomic Nos. between 1-83, inclusive</p>		<p>B. Sealed sources</p>	
<p>C. Cesium-137</p>		<p>C. Sealed sources</p>	
		<p>8. Maximum Amount that Licensee May Possess at Any One Time Under This License</p>	
		<p>A. Possession limit not to exceed $10^3 \times 10$ CFR Part 30 Appendix B limits for each radionuclide. Total possession not to exceed $R/10^3$ is less than or equal to 1; R is the sum of the ratios of the quantity of each radionuclide to the applicable value in 10 CFR Part 30 Appendix B except as listed below:</p>	
		<p>Nickel-63 10 millicuries</p>	
		<p>B. Not to exceed 2 millicuries per radionuclide. Total possession not to exceed 200 millicuries except as listed below:</p>	
		<p>Nickel-63 200 millicuries</p>	
		<p>C. 20 millicuries total</p>	

Addendum #3
License #34-25957-03E
Dated: 4/22/96

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

34-25957-01

Docket or Reference number

030-30736

Amendment No. 15

6. Byproduct, source, and/or special nuclear material

D. Strontium-90

E. Barium-133

F. Americium-241

G. Cesium-137

H. Cesium-137

7. For Chemical and/or physical form

D. Sealed sources

E. Sealed sources

F. Sealed sources (registered pursuant to Section 32.210 of 10 CFR Part 32 or an Agreement State equivalent)

G. Sealed sources (Amersham Corp. Model CDC.710 or sources which have been evaluated and registered pursuant to Section 32.210 of 10 CFR Part 32 or an Agreement State equivalent for use in Victoreen, Inc. High Range Field Calibrator Model 878-10)

H. Sealed sources (Amersham/Searle No. X-7 or sources which have been registered pursuant to Section 32.210 of 10 CFR Part 32 or Agreement State equivalent for use in Victoreen, Inc. Field Calibration Kit Model 848-8)

8. Maximum amount that licensee may possess at any one time under this license

D. 50 millicuries

E. 5 millicuries total

F. 4 millicuries total

G. 20 sources not to exceed 250 millicuries each

H. 25 sources not to exceed 100 millicuries each

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

34-25957-01

Docket or Reference number

030-30736

Amendment No. 15

- | | | |
|---|---|--|
| 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 |
| I. Strontium-90 | I. Sealed sources (Interex Model 844-28-1 or sources which have been registered pursuant to Section 32.210 of 10 CFR Part 32 or Agreement State equivalent) | I. 50 sources not to exceed 500 microcuries each. |
| J. Cesium-137 | J. Sealed source (J. L. Shepherd Model No. 6810) | J. One source not to exceed 2200 curies |
| K. Cesium-137 | K. Sealed source (J. L. Shepherd Model No. 6810) | K. One source not to exceed 25 curies |
| L. Cobalt-60 | L. Sealed source (J. L. Shepherd Model No. 7810) | L. One source not to exceed 1500 curies |
| M. Cobalt-60 | M. Sealed source (Advanced Medical Systems Model AMS 3802) | M. One source not to exceed 2000 curies |
| N. Cesium-137 | N. Sealed source (3M Company Models 4P6E, 4F6H, 4D6L, or 4F6S; U.S. Nuclear Model 375; Isotope Products Lab. Model 193; Amersham Corp. capsules X.9 or X.8; Ind. Reactor Labs., Inc. Models 2-4 or 2-10; or J. L. Shepherd and Associates Model 6810) | N. One source not to exceed 400 millicuries |

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

34-25957-01

Docket or Reference number

030-30736

Amendment No. 15

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

O. Cesium-137

O. Sealed source (Technical Operations Inc. Model 72602)

O. One source not to exceed 100 millicuries

P. Cesium-137

P. Sealed source (Amersham Model X.19 or sources which have been registered pursuant to Section 32.210 of 10 CFR Part 32 or Agreement State equivalent).

P. One source not to exceed 1.08 curies

Q. Cesium-137

Q. Sealed sources (3M Co. Model Nos. 4P6E, 4F6B, 4F6S, 4F6H, 4D6L, or 4P6T; Isotope Products Model No. 193 or 225, IRL Model CS 2-4 or CS 2-10; ORNL Model SK 193D; J. L. Shepherd Model No. 6810 or Amersham Corp. Model Nos. CDC 800 Series, CDC.93, CDC.192, CDC.PE3, or CDC.PE4

Q. One source not to exceed 12 curies

R. Cesium-137

R. Sealed sources (3M Co. Model Nos. 4P6E, 4F6B, 4F6S, 4F6H, 4D6L, or 4P6T; Isotope Products Model No. 193; IRL Model CS 2-4 or CS 2-10; ORNL Model SK 193D; or J. L. Shepherd Model No. 6810)

R. One source not to exceed 100 curies

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

34-25957-01

Docket or Reference number

030-30736

Amendment No. 15

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
S. Curium-244	S. Plated source (Isotope Products Model AF Series)	S. 1 microcurie (nominal activity)
T. Technetium-99m	T. Unit dose vials	T. 4.0 curies
U. Cobalt-60	U. Sealed sources (which have been registered pursuant to Section 32.210 of 10 CFR Part 32 or Agreement State equivalent)	U. 25 curies total
V. Cesium-137	V. Sealed sources (which have been registered pursuant to Section 32.210 of 10 CFR Part 32 or Agreement State equivalent)	V. 100 millicuries total
W. Strontium-90	W. Sealed sources (which have been registered pursuant to Section 32.210 of 10 CFR Part 32 or Agreement State equivalent)	W. 100 millicuries total
X. Any byproduct material with Atomic Nos. 1 through 83, inclusive	X. Sealed sources (which have been registered pursuant to Section 32.210 of 10 CFR Part 32 or Agreement State equivalent)	X. Not to exceed 250 millicuries per source. Total possession not to exceed 500 millicuries
Y. Uranium depleted in Uranium-235	Y. Solid metal	Y. 82 kilograms

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030-30736

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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

Z. Cesium-137

Z. Sealed source (Atomic
Energy of Canada or
sources which have
been registered
pursuant to Section
32.210 of 10 CFR Part
32 or Agreement State
equivalent)

Z. One source not to
exceed 86 curies

AA. Cobalt-60

AA. Sealed source (Atomic
Energy of Canada or
sources which have
been registered
pursuant to Section
32.210 of 10 CFR Part
32 or Agreement State
equivalent)

AA. One source not to
exceed 35 millicuries

BB. Cobalt-60

BB. Sealed source (Atomic
Energy of Canada or
sources which have
been registered
pursuant to Section
32.210 of 10 CFR Part
32 or Agreement State
equivalent)

BB. One source not to
exceed 8.4 curies

CC. Cesium-137

CC. Sealed sources
(Technical Operations
Model No. 77302 or
sources which have
been registered
pursuant to Section
32.210 of 10 CFR Part
32 or Agreement State
equivalent)

CC. 3 sources not to
exceed 165 millicuries
each

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Amendment No. 15

6. Byproduct, source,
and/or special nuclear
material7. Chemical and/or
physical form8. Maximum amount that
licensee may possess
at any one time under
this license

DD. Cesium-137

DD. Sealed sources (3M
Company Models 4P6E,
4F6H, 4D6L, or 4F6S;
U.S. Nuclear Model
375; Isotope Products
Lab Model 193; Ind.
Reactor Labs, Inc.
Models 2-4 or 2-10;
J.L. Shepherd and
Associates Model 6810;
Amersham Corp. Models
CDC.93, CDC. 192,
CDC.PE2, CDC.PE3,
CDC.PE4, CDC.PE5,
CDC.PE6, CDC.PE7, or
CDC.800 Series; or
sources which have
been registered
pursuant to Section
32.210 of 10 CFR Part
32 or Agreement State
equivalent)DD. 3 sources not to
exceed 165 millicuries
each

EE. Nickel-63

EE. Sealed Sources

EE. 200 millicuries total

9. Authorized Use:

A. through F. For research and development as defined in 30.4, 10 CFR Part 30, with regard to radiation detection instruments, radiation measuring systems and electron tubes. To be used in manufacture, packaging for shipment and distribution to persons authorized to possess the licensed material pursuant to the terms and conditions of a specific license issued by the Nuclear Regulatory Commission or an Agreement State 10 millicuries of Nickel-63 in any former shall be held in reserve, out of process, in the Nickel-63 components area.

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- G. For use and installation in Victoreen Model 878-10 Field Calibrator. For distribution to persons authorized to receive licensed material pursuant to the terms and conditions of a specific license issued by the Nuclear Regulatory Commission or an Agreement State (NR-666-D-107-U). For commercial calibration of radiation instrumentation.
- H. For use and installation in Victoreen Model 848-8 (NR-666-D-102-U) Field Calibration Kit. For distribution to persons authorized pursuant to the terms and conditions of a specific license issued by the NRC or an Agreement State. For commercial calibration of radiation instrumentation.
- I. For use and installation in Victoreen Model 540D Constancy Standard. For distribution to persons authorized to receive licensed materials pursuant to a specific license issued by the NRC or an Agreement State.
- J., K., and L. To be used in a J. L. Shepherd Model 81-20 Triple Beam Irradiator for commercial testing and calibration of radiation measuring instruments and irradiation of radiation instrumentation and associated components (excluding flammable and explosive materials).
- M. For use in Picker Model 6096B teletherapy head (#581) for commercial testing and calibration of radiation detection and measurement instrumentation, and for irradiation of radiation detection instrumentation and associated components, excluding flammable or explosive materials.
- N. To be used in a J. L. Shepherd and Associates Model 28-6 calibrator for commercial calibration of radiation instrumentation and testing.
- O. To be used in a Technical Operations, Inc. Model 726 calibrator for commercial calibration and testing of radiation instrumentation.
- P. To be used in a Victoreen custom made irradiator for commercial calibration and testing of direct reading dosimeters.
- Q. To be used in J. L. Shepherd Mark IV TLD Irradiator for irradiation of thermoluminescent dosimeters and direct reading dosimeters.
- R. To be used in J. L. Shepherd Custom made Model A-0070 (similar to the Mark IV TLD Irradiator) for irradiation of thermoluminescent dosimeters, direct reading dosimeters, and non-flammable/non-explosive materials.
- S. Internal calibration standard in Far West Technology, Inc. Model LET-SW2 proportional counter.
- T. For calibration and linearity testing of dose calibrators.

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Docket or Reference number
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U., V., W. For storage only.

X. For redistribution of Nuclear Associates sources to persons authorized to receive licensed material pursuant to the terms and conditions of a general license or a specific license issued by the Nuclear Regulatory Commission or an Agreement State.

Y. Shielding in Technical Operations CDV-794 Model 2 instrument calibrator.

Z., AA., and BB. To be used in Victoreen custom made "Tri-Source" instrument calibrator for commercial calibration and testing of radiation measuring instruments and irradiation of radiation instrumentation and associated components, excluding flammables and explosive materials.

CC. For receipt, storage and repackaging (limited to external packages only) of Technical Operations, INC. Model 773 instrument calibrators. For distribution to persons authorized pursuant to the terms and conditions of a specific license issued by the NRC or an Agreement State. For commercial calibration of radiation instrumentation.

DD. For receipt, storage and repackaging (limited to external packages only) of J.L. Shepherd Model 28-5 instrument calibrators. For distribution to persons authorized pursuant to the terms and conditions of a specific license issued by the NRC or an Agreement State. For commercial calibration of radiation instrumentation.

EE. For storage only.

CONDITIONS

10. A. Licensed material shall be used only at the licensee's facilities located at 6000 Cochran Road, Solon, Ohio.

B. Licensed material listed in Subitem G. (Victoreen Model 878-10 Field Calibrator) may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

11. Licensed material shall only be used by, or under the supervision of, individuals designated by the Radiation Safety Committee, Joe LaPalomanto, Chairperson.

12. The Radiation Safety Officer for this license is Clare Grehofsky.

13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.

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- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.
- E. Sealed sources need not be leak tested if:
- (i) they contain only hydrogen-3; or
 - (ii) they contain only a radioactive gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region III, ATTN: Chief, Nuclear Materials Safety Branch, 801 Warrenville Road, Lisle, Illinois 60532-4351. The report shall specify the source involved, the test results, and corrective action taken.
- H. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to Perform such services.

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14. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. This license does not authorize repairs or alterations of the irradiators/calibrators listed under Subitems J., K., L., M., N., P., R., Z., A.A. and B.B. involving removal of shielding or access to the licensed material except as provided otherwise by specific condition of this license. Removal replacement, and disposal of sealed sources shall be performed on the above devices by persons specifically authorized by the Commission or an Agreement State to perform such activities.
16. The licensee shall submit periodic material transfer reports as specified in 10 CFR 32.52.
17. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
18. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:
 - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.
 - B. Before disposal as ordinary trash, byproduct material shall be surveyed at the container surface with the appropriate survey meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.
 - C. A record of each disposal permitted under this License Condition shall be retained for three years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.
19. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

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20. Except as specifically provided otherwise in 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 September 27, 1993 (Volume II only, except letters dated March 2, 1989 and February 25, 1991); and
 - B. Letters dated February 6, 1990 (Technetium-99m procedures only), June 9, 1995, and December 28, 1995 (with attachments).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

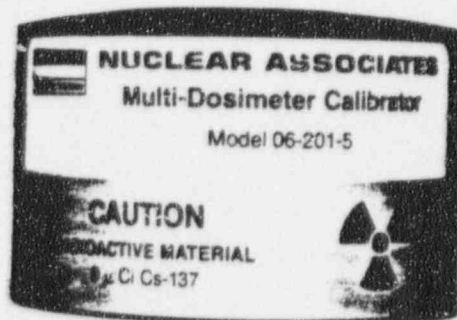
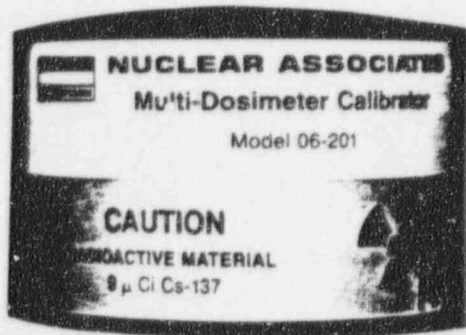
Date

April 22, 1994

By

Patricia J. Leed

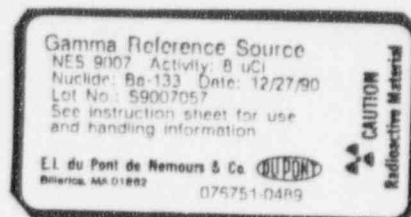
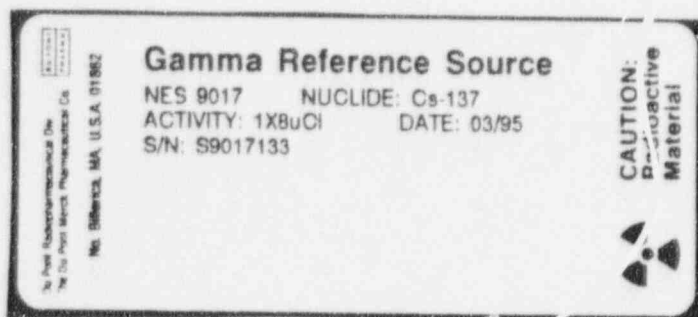
Nuclear Materials Licensing Branch, Region III



CAUTION
RADIOACTIVE MATERIAL
 THIS UNIT CONTAINS AN HERMETICALLY
 SEALED CAPSULE OF _____
 QUANTITY OF ISOTOPE _____
 DATE OF MEASUREMENT _____
 RADIATION AT SURFACE _____ MR/HR

MODEL	
S/N	REV
VICTOREEN MADE IN U.S.A	

CAUTION - RADIOACTIVE MATERIALS
 C-14 LESS THAN 5 MICROCURIES
 THIS DEVICE IS MANUFACTURED AND
 INITIALLY DISTRIBUTED UNDER THE
 PROVISIONS OF A SPECIFIC LICENSE
 ISSUED BY THE UNITED STATES NUCLEAR
 REGULATORY COMMISSION TO
 VICTOREEN, INC.
 CLEVELAND, OHIO



INSTRUCTIONS RELATING TO THE HANDLING, USE, STORAGE AND DISPOSAL OF THIS RADIOACTIVE MATERIAL

The contents of this package are exempt from NRC or Agreement State licensing requirements.

CAUTION: RADIOACTIVE MATERIAL — NOT FOR HUMAN USE

Introduction into foods, beverages, cosmetics, drugs or medicinals or into products manufactured for commercial distribution is prohibited. Exempt quantities should not be combined.

A. For any source

1. All radioactive materials should be stored in specially designated areas.
2. All work with these materials should be carried out only in authorized areas.

B. For unsealed sources

1. No pipetting should be done by mouth.
2. There should be no smoking or eating within the work area.
3. Hands should be washed after handling radioactive materials.
4. Any spilled material should be wiped up quickly and thoroughly and the contaminated materials transferred to a suitable waste receptacle. The surfaces involved should be washed thoroughly with a suitable detergent.
5. The amount of radioactive material in this package may be discarded in the standard sewer system. The containers may be discarded in the regular laboratory waste if the radiation caution labeling is removed or defaced.

C. For sealed or plated sources

1. Sources should be handled carefully to avoid breaking the seal (for example scratching the thin window).
 2. If the seal appears to be damaged follow decontamination procedure as in B4 above.
 3. This small amount of radioactivity may be disposed into regular laboratory waste IF, the label and wording on the source is defaced.
-

LTS WORKSHEET

DOCKET NO : 03030726 LICENSE NO : 34-25957-03E STATUS: 0
MAIL CONTROL: 021749 RECEIPT DATE : 950524 ACTION TYPE: 4
DUE DATE : 950822
FED. GOVT : N INST. CODE : 25957 LICENSE REGION: 0
ISSUE DATE: 9/6/220 940901 ORIGINAL DATE: 881004 EXPIRATION DATE: 20040630 19990630
NAME : VICTOREEN, INC. DECOM FIN ASSUR REQD: N
SUBM: -
DEPT/BUREAU: _____ CONT PLAN REQD: N APPRV: -
BUILDING : _____
STREET : 6000 COCHRAN ROAD
CITY : SOLON STATE: OH ZIP: 441393395
CONTACT PERSON: WILLIAM H. MILLER PHONE: 216-248-9300
Clare Greenholsky 216-248-9300
PRIMARY PGM CODE : 03251 SECONDARY PGM CODES: 03253
INSPECTION REGION: 3 PRIORITY CODE: 5 INSPECTION CATEGORY: E
RADIATION SAFETY OFFICER: WILLIAM H. MILLER
STATES WHERE USE IS AUTHORIZED: 1 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) _____

Bruce
SL 6 2/13/96

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:			

NAME

AUTHORIZATION

ADDRESS WHERE MATERIAL IS USED OR POSSESSED

BUILDING: _____
ROOM: _____
STREET: _____
CITY: _____
STATE: _____

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BUILDING: _____
ROOM: _____
STREET: _____
CITY: _____
STATE: _____

DOCKET: 03030726 LIC: 34-25957-03E NAME: VICTOREEN, 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 : -

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CITY : EXPIRES ? - DATE : -
STATE : ZIP : -

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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 : -

LICENSE DATA, CONTINUED

PAGE: 5

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DOCKET NO: 03030726 LICENSE NUMBER: 34-25957-03E

NAME : VICTOREEN, INC.

=====

MEDICAL QUALITY MANAGEMENT PROGRAM REQUIRED: N RECEIVED: _ APPROVED: _

DECOMMISSIONING FINANCIAL ASSURANCE REQUIRED: N SUBMITTED: _

CONTINGENCY PLAN REQUIRED: N APPROVED: _

DECAY-IN-STORAGE APPROVED: N HOLDING FOR < 10 HALF-LIVES APPROVED: _

T 1/2 > 65 DAYS, ISOTOPE(S): _____

INTERIM STORAGE UP TO 1996: N

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