

MATERIALS LICENSING DIVISION

October 27, 2011

US Nuclear Regulatory Commission
Region III
Materials Licensing Branch
801 Warrenville road
Lisle, IL 60532
Fax: 630-515-1078
Amendment to 21-14849-01

Dear Sir/Madam:

We wish to amend our Materials License 21-14849-01 as follows:

9. Authorized Use

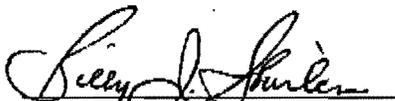
D. Any manual brachytherapy procedure permitted by 10CFR35.400.

Please remove sentence: Cesium-137 sources authorized by 10CFR35.400 are only authorized for storage incident to disposal.

These sources were removed by RAM Services as part of the SCATR program in September 2008.

Attached is information about the SCATR program and the documentation supporting the removal and receipt of the Cesium-137 sources by RAM Services.

Thank you,



Billy J. Shirlen, M.S., DABR
Medical Physicist
Radiation Oncology
Trinity Health-Michigan
d/b/a St. Mary Mercy Hospital
36475 W. Five Mile Road
Livonia, MI 48154
Phone: (734) 655-2467
Email: shirlenb@trinity-health.org



Oneil Lee, MD., PhD
Radiation Safety Officer
Trinity Health-Michigan
d/b/a St. Mary Mercy Hospital
36475 W. Five Mile Road
Livonia, MI 48154

Source Collection & Threat Reduction

Off-Site Source Recovery Project Fact Sheet

Background:

The Source Collection & Threat Reduction (SCATR) program is an initiative to reduce the amount of unused radioactive sources in the U.S. The Conference of Radiation Control Program Directors, Inc. (CRCPD) is working with the Los Alamos National Laboratory (LANL) and the Department of Energy/National Nuclear Security Administration's Global Threat Reduction Initiative (GTRI) for disposition of low-activity, non-transuranic radiation sources that could be misused.

GTRI recognized that the availability of disposal options for such sources are limited and expensive; and therefore initiated this effort to assist in properly securing and disposing of unwanted sources through this CRCPD-coordinated program.

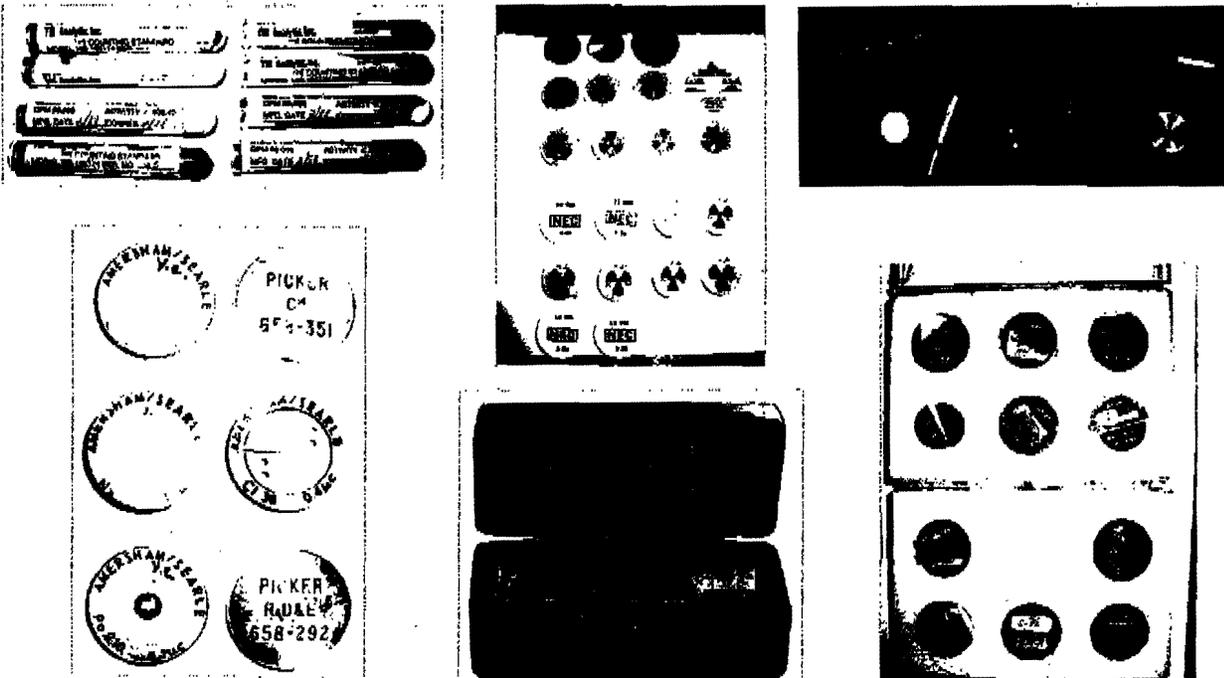
Scope:

The CRCPD SCATR program is limited to non-transuranic sources with commercial disposal access. Some examples of items that would be eligible for the SCATR program include ^{137}Cs and ^{226}Ra brachytherapy sources, strontium eye applicators, long half-life industrial sources, and small calibration sources.

This program is limited to discrete radioactive material (sealed sources or vials, but not scaled pipe or other diffuse material), whether naturally occurring, or accelerator or reactor produced; but does not include transuranic/actinide-series isotopes since these transuranic sealed sources are recovered directly by OSRP.

Radium sources and license-exempt sources can be collected from all states. Other radioactive materials can be collected from states that have access to a commercial low-level waste disposal facility through the low-level waste compact system.

Some Examples of SCATR-Eligible Sources



Participation:

To participate, interested parties must register candidate sources for the SCATR program by visiting the OSRP website -- osrp.lanl.gov. Once your source data is registered, OSRP will forward the information to CRCPD for round-up consideration. Your state regulatory authority or a consultant firm may assist with the registration if needed.

SCATR source collection time-frames across the country and costs to source owners depend on several factors, such as the distances between participants in the round-up area. Such cost determinations and schedules cannot be made ahead of time.

Licensees are encouraged to register all unwanted radioactive sealed sources with OSRP for recovery consideration. If neither the CRCPD or OSRP are able to recover the sources directly, staff can often identify other options that may be helpful. For example, brokers can easily assist with disposal of radioactive sources that are below license-exempt activity limits. A list of brokers can be found on the CRCPD website.

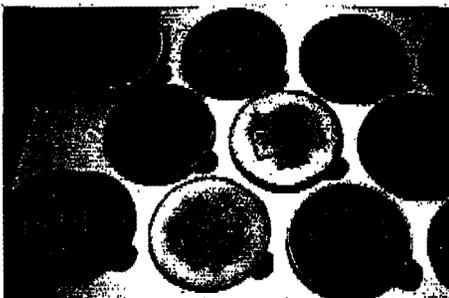
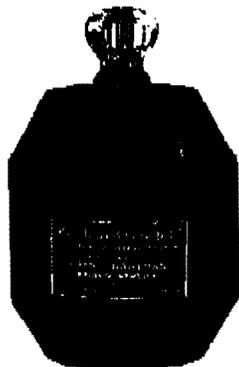
Please note that registration does not imply nor guarantee that either CRCPD or OSRP can assist with removal/disposition of all radioactive material.

For more information:

Please visit the CRCPD website at -- www.crcpd.org/StateServices/SCATR.aspx or contact Russ Meyer (RMeyer@crcpd.org) at 512-761-3822 for information about the CRCPD SCATR program.

If you need assistance with the source registration process, please contact OSRP.

All unwanted radioactive sealed sources should be registered with OSRP. Although not all sources may be eligible for disposition through the SCATR program or OSRP, removal by other means may be possible.



Sources containing any transuranic material (e.g., plutonium, americium, curium, etc.) may be directly recovered by OSRP. As such, these materials are not eligible for disposal through the SCATR Program.



Contact the OSRP Office:
Email: osrp@lanl.gov
Phone: 505.667.7440
Toll Free: 877.676.1749
Fax: 505.665.7913



20 September 2008

Mr. Billy J. Shirlen, MS, DABR
Medical Physicist
St. Mary Mercy Hospital
Radiation Oncology
36475 Five Mile Road
Livonia, MI 48154

RAMPAK 348

Dear Mr. Shirlen,

RAM Services, Inc. is providing this letter to advise you the radioactive materials identified below have been received at RAM Services, Inc. on 20 September 2008. We have taken possession of these materials under our State of Wisconsin Radioactive Materials License Number 071-1234-01.

Manufacturer ID	Model	Serial Number	Isotope	Date of Manufacture	Decayed Activity
3M	6501	7381	137Cs	4/19/1989	1.71E-02
3M	6502	5142	137Cs	4/19/1989	2.63E-02
3M	6502	5158	137Cs	4/19/1989	2.64E-02
3M	6502	5178	137Cs	4/19/1989	2.64E-02
3M	6502	5285	137Cs	4/19/1989	2.64E-02
3M	6503	3966	137Cs	4/19/1989	3.38E-02
3M	6503	3987	137Cs	4/19/1989	3.38E-02

Please retain this letter in your permanent files as documentation of the proper transfer of these materials. Do not hesitate to contact me with any questions which may arise.

Sincerely,

A handwritten signature in cursive script that reads "Jerry P. Wiza".

Jerry P. Wiza,
Radiation Safety Officer



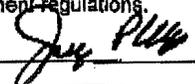
STRAIGHT BILL OF LADING
 ORIGINAL - NOT NEGOTIABLE

Shipper No. RAM Services, Inc.
 Carrier No. _____
 Date _____

TO: Donald K. Jordan Consignee: RAM Services, Inc.	FROM: Jerry Wiza/Billy Shirlen (734) 655-2647
On collect or Delivery Shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.	Shipper: RAM Services, Inc. (St. Mary Mercy Hospital)
Street: 510 County Highway V	Street: 36475 Five Mile Road
Destination: Two Rivers, WI 54241	Origin: Livonia, MI 48154

Route:		Vehicle Number	
No. of Units & Container Type	HM	DESCRIPTION AND CLASSIFICATION (Proper Shipping Name, Class and Identification Number per 172.101, 172.202, 172.203)	WEIGHT (Subject to correction)
1 x 10 gallon Type A steel drum		UN2915, Radioactive Material, Type A package, 7 Cs-137, solid, oxide Activity: 7.03 GBq (190 mCi) RAMPAK 348 Radioactive Label Applied: II Yellow, TI= 0.2 Security seal# 0001930	22.7 kg (50 lbs)

PLACARDS TENDERED: NO

Shipper Certification: I hereby declare that the contents of this consignment are fully and accurately described by shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to applicable international and national government regulations.  _____ Signature	EXCLUSIVE USE: NO 24 Hour Emergency Contact Information: Telephone Number: 800 424-9300 Contact: Chemtrec
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SHIPPER: Jerry Wiza PER: RAM Services, Inc. DATE: 9/19/2008	CARRIER <u>RAM Services, Inc.</u> PER  DATE: 9/19/2008
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ST MARY MERCY HOSPITAL
36475 Five Mile Rd.
Livonia, Mi. 48154

RADIATION ONCOLOGY
Physicist: Billy Shirlen, MS., DABR
(734)655-2006

Cs-137 Sealed Source Inventory Leak Test

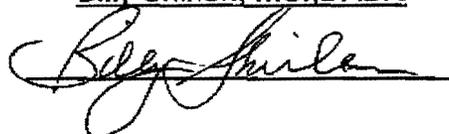
Isotope	Curies	Date Of Manufacture	Decayed Activity	Manufacturer ID	Model	Serial Number	Device Description and dimensions	CAPRAC Reading	10CFR35 Limit (0.005 uCi)
137Cs	2.63E-02	04/19/1989	1.71E-02	3M	6501	7381	3mm X 2cm tube	-0.055 nCi +/- 0.093 nCi	< 0.005 uCi
137Cs	4.05E-02	04/19/1989	2.63E-02	3M	6502	5142	3mm X 2cm tube	0.129 nCi +/- 0.141 nCi	< 0.005 uCi
137Cs	4.07E-02	04/19/1989	2.64E-02	3M	6502	5158	3mm X 2cm tube	-0.055 nCi +/- 0.093 nCi	< 0.005 uCi
137Cs	4.07E-02	04/19/1989	2.64E-02	3M	6502	5178	3mm X 2cm tube	-0.055 nCi +/- 0.093 nCi	< 0.005 uCi
137Cs	4.07E-02	04/19/1989	2.64E-02	3M	6502	5285	3mm X 2cm tube	-0.178 nCi +/- 0.033 nCi	< 0.005 uCi
137Cs	5.21E-02	04/19/1989	3.38E-02	3M	6503	3966	3mm X 2cm tube	0.067 nCi +/- 0.127 nCi	< 0.005 uCi
137Cs	5.21E-02	04/19/1989	3.38E-02	3M	6503	3987	3mm X 2cm tube	-0.055 nCi +/- 0.093 nCi	< 0.005 uCi

Instrument used for Leak Test: Capintec Model Caprac Wipe Test Counter Serial number 215

Date of Leak Test: 09/15/2008

Leak Test performed by: Billy Shirlen, MS., DABR

Physicist Signature:



Date:

09/15/2008

Comments:

According to 10CFR35 Leak test for sealed sources must be less than 0.005 uCi or 5.0 nCi. All values are within the acceptable limits.

Department of Radiation
Oncology
St. Mary Mercy Hospital
Livonia, MI. 48154

FAX COVER

Phone: 734.655.2006

Fax: 734.655.2656

TO: NRC Region III

ADDRESS: MATERIAL LICENSING BRANCH

FAX NO: 630-515-1078

TOTAL PAGES (including this) 7

SENT BY: Billy Shickel

MESSAGE: NRC License Amendment Documentation