



ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE
8901 WISCONSIN AVENUE
BETHESDA, MARYLAND 20889-5603



NMSB 2 02 October 2007

Division of Nuclear Materials Safety
Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406

RECEIVED
REGION I

2007 OCT 15 PM 1:36

Dear Sir or Ma'am,

03004545

This letter requests that the NRC amend the AFRRRI NRC License of Broad scope, License No. 19-08330-02 to reflect the removal of a J.L. Shepherd Model 89-130 Shielded Calibration Range, SN 8147, with one each approximately 130 Curie Cs-137 Source, Capsule Type 6810, SN A0096-B and one each 130 milliCurie Cs-137 Source SN 8533GM. Current radioactivity is approximately 75 Curies. This device was transferred to J.L Shepherd and Associates, Radioactive Material License No. 1777-19, State of California, on the 26 September 2007 (see enclosure 1).

Thank you for your assistance in this request. If you have questions, please contact the Radiation Safety Officer, LTC Daniel Hamilton at (301) 295-2723 or e-mail, hamilton@afri.usuhs.mil.

Sincerely,

Patricia K. Lillis-Hearne, M.D.
Colonel, Medical Corps, U.S. Army
Director

Enclosures

1. Certification of Source/Device Possession Transfer
2. Statement of Reciprocity
3. Shipping documents

141196

NMSS/RGN1 MATERIALS-002

JL SHEPHERD & ASSOCIATES

1010 ARROYO AVE., SAN FERNANDO, CALIFORNIA 91340-1822

818-898-2361 FAX 818-361-8095

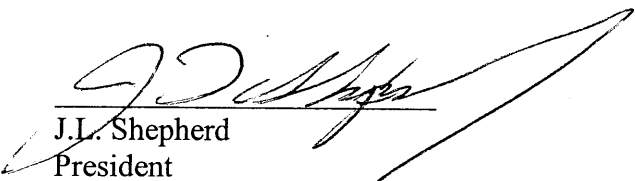
CERTIFICATION OF SOURCE/DEVICE POSSESSION TRANSFER

This document is to certify that on or about September 26, 2007, J.L. Shepherd and Associates took possession of to the following device/sources for refurbishment:


1 Each J.L. Shepherd and Associates Model 89-130 Shielded Calibration Range, S.N. #:8147, with 1 each approximately 130 Curie Cs-137 Source, Capsule Type 6810, S.N. #:A0096-B and 1 each 130 Milli-Curie Cs-137 Source, Amersham Type X.8 Capsule, S.N. #:8533GM (as of August 10, 1983),

From/at: A.F.F.R.I.
8901 Wisconsin Ave.
Bldg. 42
Bethesda, MD 20899

This source/device was received by J.L. Shepherd and Associates under the applicable U.S. Department of Transportation 49 Code of Federal Regulations and the U.S. Nuclear Regulatory Commission 10 Code of Federal Regulations, Part 71. This transfer of possession of the source/device took place in accordance with J.L. Shepherd and Associates State of California (a U.S. Nuclear Regulatory Commission Agreement State) Radioactive Materials License 1777-19, Amendment 86, Expiration Date 10/11/95, with State of California issued Letter of Timely Renewal, Dated September 21, 1995, and in accordance with U.S. Nuclear Regulatory Commission 10CFR40.51. Acceptance of this quantity will not exceed the possession limit of the license.


J.L. Shepherd
President

J.L. Shepherd and Associates
Date: September 26, 2007

 U.S. ARMY, LTC

LTC ~~Mr.~~ Dan Hamilton (or authorized agent)
A.F.F.R.I.
Date: September 26, 2007

Enclosure 1

IRAP

JL SHEPHERD & ASSOCIATES

1010 ARROYO AVE., SAN FERNANDO, CALIFORNIA 91340-1822

818-898-2361 FAX 818-361-8095

September 21, 2007

Rachel S. Browder/Ms. Colleen Murnahan
U.S. N.R.C. - Region IV
DNMSNMLB - ATTN: RECIPROCITY
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

Fax No. 817-860-8188 or 8263

Ref: Notification of Proposed Activities in Non-Agreement State,
State of California Lic. No. 1777-19, Amendment No. 86, w/Timely Renewal

Dear Ms. Browder or Ms. Murnahan:

Please be advised we are conducting service calls at the below listed facilities, technicians and dates below.

Location: Department of Veteran Affairs, Maryland Health Care System, 10 N. Greene Street, Baltimore, 21201. We shall package for shipment and take possession of a Gammacell 1000, S/N 171, source and original calibration data not provided, licensed by Department of Veterans Affairs Materials Permit # 19-01058-01, Amendment No.63. Technician Brad Olson, September 25, 2007.

Location: A.F.F.R.I., 8901 Wisconsin Avenue, Bethesda 20899. We shall package for shipment, to J.L.Shepherd's facility, the Model 89-130 Calibrator, S/N 8147. The device will be refurbished and upon completion shipped to another licensed destination. The S/N's A0096-B, JLS&A type 6810 and S/N 8533GM, Amersham Type X.8, as of August 10, 1983. Named User Ralph Jacobs and Brad Olson, September 26, 2007.

The AFFRI site is on our list.

If you require additional information, please contact JLS&A.

Very truly yours,

J. L. SHEPHERD & ASSOCIATES



Lee Weiss
Contract Administrator

Enclosure 2

JL SHEPHERD & ASSOCIATES

1010 ARROYO AVE., SAN FERNANDO, CALIFORNIA 91340-1822

818-898-2361 FAX 818-361-8095

SHIPPING DOCUMENT

TO: J.L. Shepherd & Associates (from AFFRI)

892555G

SOURCES: (RQ) 2.766 TBq (74.76619 Curies) Cesium-137 total, as of 9/26/07
J.L. Shepherd and Associates Model 6810 source capsule and Amersham Model X.8 source capsule

PACKAGING: U.S. Department of Transportation specification 7A container, S.N. 9039,
Inside a U.S. Department of Transportation specification 20WC5 Overpack,
S.N. 22240
UN # 2916, Radioactive Material, Type B(U) Package
Chemical Form: Special Form Cesium chloride

RADIATION LEVEL AT SURFACE: 0.0 mR/hr

RADIATION LEVEL AT 1 METER: 0.0 mR/hr

INSTRUMENT: Eberline E-520 or Ludlum 14C, S.N. 199203

SURFACE CONTAMINATION: ≤ 300 dpm/300 cm²

LEAK TEST: 5×10^{-3} μ Ci.

TRANSPORTATION INDEX: NA

RADIOACTIVE LABEL REQUIRED: WI

TRUCK PLACARDS REQUIRED: NO

WEIGHT: 1904.3 Kg / 2413 Lbs.

SECURITY SEAL #: 444765

24 HOUR EMERGENCY - CALL 1-800-424-9300

DATE: 9/26/07

J.L. SHEPHERD AND ASSOCIATES

PERFORMED BY: [Signature]

APPROVED BY: Rolph Jacob

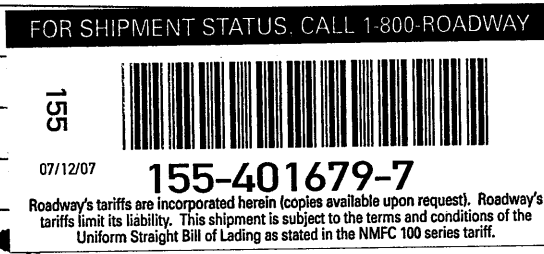
Enclosure 3

ROADWAY EXPRESS
(Name of Carrier) Phone: 800-368-3418 / 856-686-7600

TO:
Consignee: **JL SHEPHERD & ASSOCIATES**
Street: **1010 ARROYO AVE.**
Destination: **SAN FERNANDO, CA 91340**
ATTN.: **HP DEPT.**

FROM: **JL SHEPHERD & ASSOCIATES**
Shipper: **C/O AFFRI**
Street: **8901 WISCONSIN AVE., BLDG 42**
Origin: **BETHESDA, MD 20899**

Route: _____ Vehicle Number: _____ **EMERGENCY RESPONSE PHONE #:**
1-800-424-9300

No. Shipping Units	+ HM	Kind of Packaging, Description of Articles, Special Marks and Exceptions	Weight (Subject to Correction)	Rate	Charges (for Carrier Use only)
1	X	(RQ) RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, CLASS 7, UN #2916 NAME OF EACH RADIONUCLIDE: CESIUM-137 ACTIVITY IN PACKAGE: (RQ) 2.766 TBq (74.76619 Ci) TOTAL AS OF 9/26/07 CHEMICAL FORM: SPECIAL FORM CESIUM CHLORIDE TRANSPORTATION INDEX: <i>NA</i> LABEL REQUIRED: <i>WI</i> PLACARDS REQUIRED: <i>NO</i> SECURITY SEAL #: <i>444 765</i> INNER CONTAINER: USDOT SPECIFICATION 7A, S.N. 9039, INSIDE TYPE OF OUTER CONTAINER: USDOT SPECIFICATION 20WC5, S.N. 22240 PACKAGED IN ACCORDANCE WITH DOT 49CFR173.416(e) DO NOT STACK	(2413 lbs) 1094 kg	70-NMFC 164900-1	
1		METAL CRATE WITH 89 RANGE	2500 lbs.	60-NMFC 41070	
FOR SHIPMENT STATUS, CALL 1-800-ROADWAY					
					
Roadway's tariffs are incorporated herein (copies available upon request). Roadway's tariffs limit its liability. This shipment is subject to the terms and conditions of the Uniform Straight Bill of Lading as stated in the NMFC 100 series tariff.					
TOTAL 2		BILL TO ACCOUNT # 827-3960	TOTAL 4913 lbs		

REMIT C.O.D. TO ADDRESS		COD Amt: \$	C.O.D. FEE:	PREPAID: _____ COLLECT: _____
<p>*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading state whether it is "carrier's or shipper's weight".</p> <p>Shipper's imprint in lieu of a stamp; not part of bill of lading approved by the Interstate Commerce Commission.</p>		<p>Note: where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.</p> <p>The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ per _____</p>	<p>Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse to the consignor, the consignor shall sign the following statement:</p> <p>The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</p> <p>_____ (Signature of Consignor)</p>	<p>TOTAL CHARGES:</p> <p>FREIGHT CHARGES Check Appropriate Box: _ Freight Prepaid _X_ Collect _3rd Party</p>
<p>RECEIVED, subject to the classifications and lawfully filled tariffs in effect on the date of the issue of the receipt by the carrier of the property described in the Original Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of package unknown), marked, consigned, and destined as indicated above, which said carrier (the word carrier being understood as throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route said to be destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.</p> <p>Shipper hereby certifies that he is familiar with all the terms and conditions of said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.</p> <p>"This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are proper condition for transportation, according to the applicable regulations of the Department of Transportation."</p>				

SHIPPER: **J.L. SHEPHERD & ASSOCIATES**
PER: *Ralph Jacobs*

CARRIER: *Roadway*
PER: *Roadway*

DATE: *9/27/07* (2pc)

Permanent post office address of shipper:
J.L. Shepherd & Associates (818-898-2361)
1010 Arroyo Ave., San Fernando, CA 91340-1822

+ MARK WITH AN "x" TO DESIGNATE HAZARDOUS MATERIAL AS DEFINED IN TITLE 49 OF FEDERAL REGULATIONS. For further details on SHIPPING HAZARDOUS MATERIALS see FEDERAL REGISTER 49 CFR, PART 172.

Enclosure 3

This is to acknowledge the receipt of your letter/application dated 10/2/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 19-08330-02 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 141196.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

Sincerely,
Licensing Assistance Team Leader