



American Red Cross

American Red Cross
Southeast Division
9851 Commerce Way
Douglasville, GA 30135

January 19, 2011

Mr. Sattar Lodhi
Material Security and Industrial Branch
Division of Nuclear and Material Safety
Senior Health Physicist
Region I
King of Prussia, PA 19406

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Dear Mr. Lodhi:

030 32967

The American Red Cross Puerto Rico Region, license number 52-25220-01, is requesting a change in the name of the Radiation Safety Officer (RSO). The request is to remove the name of Edda Rodriguez as the actual RSO and replace with Jose L. Hernandez as the new RSO in all required documentation.

Attached to this letter is the certification that Jose L. Hernandez has satisfactorily completed the required course in Radiation Safety Officer Training.

Sincerely,

Donna F. Fisher
Chief Manufacturing Executive, Zone 7

Attachment

REC'D IN LAT JAN 19 2011

574280
NMSS/RGN1 MATERIALS-002

Radiation Safety & Control Services, Inc.

Awards this certificate to

Jose L. Hernandez

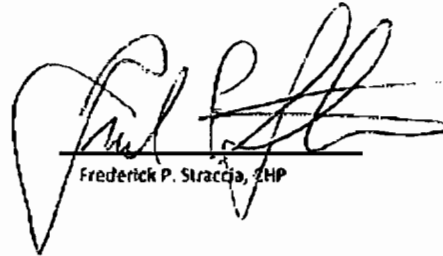
in recognition of satisfactory completion of a 40 hour course in

Radiation Safety Officer Training

Las Vegas, NV

December 6-10, 2010

RSCS
RADIATION SAFETY & CONTROL SERVICES



Frederick P. Straccia, ZMP

RSCS
RADIATION SAFETY & CONTROL SERVICES

This course has been approved for 40, Category A, CE credits (reference number NHZ0183001) by the ASRT Dept. of Education.
NOTE: This class satisfies the Department of Transportation requirements listed in Title 49 CFR parts 172 subpart H and expires three years from the date listed above.

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U.S. NUCLEAR REGULATORY COMMISSION

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Amendment No. 04

MATERIALS LICENSE

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. Cruz Roja Americana Servicios de Sangre de Puerto Rico</p> <p>2. P. O. Box 366046 San Juan, Puerto Rico 00936-6046</p>	<p>In accordance with the current NRC policy</p> <p>3. License number 52-25220-01 is administratively amended in its entirety to read as follows:</p> <p>4. Expiration date September 30, 2013</p> <p>5. Docket No. 030-32967 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium 137</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed Sources (MDS Nordion Model 1001)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 720 curies total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p>
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9. Authorized use:

A. For irradiation of materials in a MDS Nordion Model Gammacell 1000 Elite-A self-shielded irradiator

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at the American Red Cross, Rio Piedras Medical Center, Rio Piedras, Puerto Rico.
- 11. Licensed material shall be used by, or under the supervision of, individuals who have received the training described in March 12, 2003, and have been designated, in writing, by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
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12. The Radiation Safety Officer for this license is Edda Rodriguez.
13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- C. Sealed sources need not be tested if they 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 shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- E. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by U.S. Nuclear Regulatory Commission or an Agreement State to perform such services..
- F. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.
14. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.

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15. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
16. Except for the repair or maintenance operations described in the application dated March 12, 2003, the licensee shall not repair, remove, replace, or alter any of the following: electrical and mechanical systems that control source or shielding movement, the irradiator's shielding or sealed source, safety interlocks, or any component that may affect safe operation of the irradiator. These activities shall be performed by a person specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
17. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
18. The licensee will comply with the requirements of the "Order Imposing Increased Controls" (ADAMS Accession No. (ML053130183) published in the Federal Register on December 1, 2005 (70 FR 72128); and with the "Order Imposing Fingerprinting and Criminal History Records Check Requirements for Unescorted Access to Certain Radioactive Materials" (fingerprinting Order) (ADAMS Accession No. (ML073230738) published in the Federal Register on December 13, 2007 (72 FR 70901). The licensee will complete implementation of said requirements by the first day that radionuclides in quantities of concern are possessed at or above the limits specified in "Table 1: Radionuclides of Concern" contained within the fingerprinting Order. Notwithstanding any provisions of the Commission's regulations to the contrary, all measures implemented or actions taken in response to these Orders shall be maintained until the Commission orders otherwise, or until the Commission explicitly modifies its regulations to reflect the increased controls and fingerprinting requirements, and states in modifying its regulations, that the revisions are to supersede these Orders. The licensee shall notify the Director, Office of Federal and State Materials and Environmental Management Programs, U. S. NRC, Washington, DC, 20555, in writing, within 25 days after it has completed the requirements of this condition. In addition, licensee responses applicable to this license condition shall be marked as "Withhold From Public Disclosure Under 10 CFR 2.390."

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19. 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 March 12, 2003 (ML030830126)

COPY

For the U.S. Nuclear Regulatory Commission

Date April 16, 2010

By

Original signed by Sattar Lodhi, Ph.D.

Sattar Lodhi, Ph.D.
Materials Security and Industrial Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

Friday, April 16, 2010 14:14:40

This is to acknowledge the receipt of your letter/application dated

1/19/2011, and to inform you that the initial processing which includes an administrative review has been performed.

ADDITIONAL 52-25220-01
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** 574280.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.