



# Radiation Safety Associates, Inc.

19 Pendleton Drive, PO Box 107 • Hebron, CT 06248  
860-228-0487 • [www.radpro.com](http://www.radpro.com)

August 9, 2021

Ms. Betsy Ullrich  
Senior Health Physicist  
USNRC Region I  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406

Dear Ms. Ullrich,

This letter is to terminate NRC License #SNM-1993. Under this license, Radiation Safety Associates provided support for the collection, temporarily storage, and transfer for deposition of cardiac pacemakers manufactured which were manufactured by ARCO in the 1970s. All known pacemakers manufactured by ARCO have now been recovered or otherwise accounted for, as described in the *ARCO Pacemaker Annual Report* dated February 19, 2019. All recovered pacemakers have been transferred to Los Alamos National Laboratory under the Off-Site Source Recovery Program. The last two were shipped on November 25, 2020; a copy of the ownership transfer letter is attached.

While stored at RSA's facility, required periodic leak testing was performed; none of the pacemakers were found to have detectable leakage. A radiological survey of the safe in which these were stored, while in RSA's possession, also found no detectable contamination, as documented in the attached radiological survey results.

With all sources having been appropriately dispositioned; no sources remain in possession or in control of ARCO or RSA; and final radiation surveys, performed following final transfer, demonstrate no source leakage and no detectable levels of radioactive contamination. Therefore, license termination is requested on behalf of ARCO Environmental Remediation, LLC.

Sincerely,

Paul R. Steinmeyer, RRPT  
Health Physicist  
President



**CERTIFICATE OF DISPOSITION  
OF MATERIALS**

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the FOIA, Library, and Information Collections Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to [Infocollects.Resource@nrc.gov](mailto:Infocollects.Resource@nrc.gov), and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0028), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; e-mail: [oir\\_submission@omb.eop.gov](mailto:oir_submission@omb.eop.gov). The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

LICENSEE NAME AND ADDRESS

ARCO Environmental Remediation, LLC  
6 Centerpointe Drive  
La Palma, CA 90623

LICENSE NUMBER

SNM-1993

DOCKET NUMBER

070-03078

LICENSE EXPIRATION DATE

09/30/2022

**A. LICENSE STATUS (Check the appropriate box)**

- This license has expired.  This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**

*(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)*

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
  - a. Transfer of radioactive materials to the licensee listed below:  
Department of Energy, Los Alamos National Laboratory, via OSRP
  - b. Disposal of radioactive materials:
    - 1. Directly by the licensee:
    - 2. By licensed disposal site:
    - 3. By waste contractor:
  - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

**C. SURVEYS PERFORMED AND REPORTED**

- 1. A radiation survey was conducted by the licensee. The survey confirms:
  - a. the absence of licensed radioactive materials
  - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
  - a. is attached; or  b. is not attached (Provide explanation); or  c. was forwarded to NRC on: \_\_\_\_\_ Date
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
  - a. The results of the latest leak test are attached; and/or
  - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Paul R. Steinmeyer	President	860-228-0487	prstein@radpro.com

Mail all future correspondence regarding this license to:

Radiation Safety Associates, Inc., PO Box 107/19 Pendleton Drive, Hebron, CT 06248

**C. CERTIFYING OFFICIAL**

**I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT**

PRINTED NAME AND TITLE	SIGNATURE	DATE
Paul R. Steinmeyer		08/09/2021

**WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 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.**



Los Alamos National Laboratory  
PO Box 1663 MSE539  
Los Alamos, NM 87545  
505.606.0362

**NEN-3: International Threat Reduction  
Off-Site Source Recovery Program**

**Refer To:** NEN-3:21-008  
**Date:** February 1<sup>st</sup>, 2021

**David Lew**, Regional Administrator  
U.S. NRC Region I  
2100 Renaissance Boulevard  
King of Prussia, Pennsylvania 19406

**Subject: ATRO 2020:29**

Dear Mr. Lew:

Enclosed please find a signed *Authorization to Transfer/Relinquish Ownership* form concerning:

Radiation Safety Associates, Inc.  
19 Pendleton Drive  
Hebron, Connecticut 06248

The radioactive sources described on the form have been removed from the above facility and are in storage at NSSI / Sources & Services, Inc. in Houston, Texas. The sources have been transferred to Department of Energy (DOE) ownership and are being stored under a DOE license exemption.

This action was completed as part of the Off-Site Source Recovery Program (OSRP) managed by this office. If you need any further information on this action, please contact me 505-606-0362.

Sincerely,

Justin Griffin  
OSRP Team Leader

JG/ms

Copy: Paul R. Steinmeyer, RSA, Inc.  
Temeka Taplin, DOE, NA-211  
NEN-3/OSRP File, MS: E539

**ATRO # 2020:29**  
**Off-Site Source Recovery Program**  
**Authorization to Transfer/Relinquishment of Ownership/Custody**

SOURCE OWNER:	Radiation Safety Associates, Inc.	TELEPHONE:	(860) 228-0487
LICENSE:	1 NRC - Region I	FAX:	(860) 228-4402
	No.: SNM-1993		
CONTACT NAME:	Paul R. Steinmeyer		
ADDRESS:	19 Pendleton Drive		
	Hebron, CT 06248		

Pursuant to its authority under the Atomic Energy Act, the U.S. Department of Energy (DOE) National Nuclear Security Administration (NNSA) has directed Triad National Security, LLC (TNS), to recover and store excess, unwanted, abandoned, orphan radioactive sealed sources and other radioactive material sources on behalf of DOE/NNSA.

TNS has determined that the sealed source(s) identified below meet the requirements of the Los Alamos National Laboratory Off-Site Source Recovery Program and, on behalf of DOE/NNSA, authorizes Radiation Safety Associates, Inc. to transfer the sealed source(s) to the following designated TNS support subcontractor:

NSSI / Sources & Services, Inc.  
Texas Department of State Health Services  
Radioactive Material License No. L02991

Radiation Safety Associates, Inc. affirms it is the owner/custodian of the sealed source(s) identified below, and hereby irrevocably relinquishes all rights, title and ownership/custody in the sealed source(s) to DOE/NNSA in furtherance of the OSRP. TNS accepts the sealed sources on behalf of DOE/NNSA, pursuant to DOE/NNSA contract no. 89233218CNA000001, upon the execution of the Acknowledgment of Receipt of the source(s) or container(s) by the designated TNS support subcontractor below.

**SOURCE INFORMATION**

Isotope:	Mfr/Model:	Serial#:	SFC#:	Activity (Ci):
238Pu	NUMEC/NU-5	090		8.000E+00
238Pu	NUMEC/NU-5	094		8.000E+00

**SOURCE OWNER:**  
OFFICIAL NAME/TITLE: Paul R. Steinmeyer, RRPT  
NAME (Please Print or Type)  
SIGNATURE *Paul R. Steinmeyer*

President  
TITLE (Please Print or Type)  
DATE 23 September 2020

**TNS AUTHORIZATION:**  
OFFICIAL NAME/TITLE: Team Leader, Off-Site Source Recovery Program  
SIGNATURE *[Signature]*

23SEP20  
DATE \_\_\_\_\_

**ACKNOWLEDGEMENT OF RECEIPT BY DESIGNATED TNS SUPPORT SUBCONTRACTOR:**

NSSI / Sources & Services, Inc.  
OFFICIAL NAME/TITLE: Gumaniel Torres  
NAME (Please Print or Type)  
SIGNATURE *[Signature]*

President/RSO  
TITLE (Please Print or Type)  
DATE 1/11/2011

**RSA Laboratories**  
A Division of Radiation Safety Associates  
**Radiochemistry Analysis Data Sheet**

Page 1 of 1

Report No. **26715RSA**

Customer: **RSA, Inc.**

Customer Samp No. **n/a**

Location: **19 Pendleton Drive, Hebron, CT**

RSA Lab Sample No. **26715**

Project: **Rad Safe Survey**

Date Performed: **6/25/2021**

Samp. Description: **Wipes**

Date Counted: **6/25/2021**

Matrix: **Wipes**

Alpha LLD pCi= **7.81**

Alpha eff. **23.74%**

Beta LLD pCi= **6.90**

Beta eff. **46.76%**

RSA ID#	CUST. ID#	Location	Total Alpha CPM	Alpha Activity pCi	Total Beta CPM	Beta Activity pCi		
26715-1	n/a	Background	0.17		1.67			
26715-2	n/a	Inside Safe-Door	0.17	<7.81	1.67	<6.90		
26715-3	n/a	Inside Safe-Floor	0.17	<7.81	2.67	<6.90		
26715-4	n/a	Inside Safe-Right Wall	0.17	<7.81	1.67	<6.90		
26715-5	n/a	Inside Safe-Back Wall	0.17	<7.81	2.67	<6.90		
26715-6	n/a	Inside Safe-Left Wall	0.17	<7.81	1.67	<6.90		
26715-7	n/a	Inside Safe-Ceiling	0.17	<7.81	2.67	<6.90		
26715-8	n/a	Outside Safe-Door	1.17	<7.81	10.67	<6.90		
26715-9	n/a	Outside Safe-Body	2.17	<7.81	6.67	<6.90		
26715-10	n/a	Top Drawer-Inside	0.17	<7.81	1.67	<6.90		
26715-11	n/a	Top Drawer-Outside	0.17	<7.81	1.67	<6.90		
26715-12	n/a	Shelf-Top	3.17	<7.81	7.67	<6.90		
26715-13	n/a	Shelf-Bottom	0.17	<7.81	1.67	<6.90		
26715-14	n/a	Bottom Drawer-Inside	0.17	<7.81	8.67	<6.90		
26715-15	n/a	Bottom Drawer-Outside	0.17	<7.81	8.67	<6.90		

  
Kurt D. Newton  
Laboratory Technician