



RADIAC ENVIRONMENTAL SERVICES, 261 Kent Avenue, Brooklyn, NY 11211 • (718) 963-2233 Fax (718) 388-5107

Via Electronic and Certified Mail

January 21, 2014

Texas Low-Level Radioactive Waste Disposal Compact Commission
333 Guadalupe Street, #3-240
Austin, Texas 78701-3938

Re: Application of Radiac Research Corp. for Importation of Low-Level
Radioactive Waste for Disposal

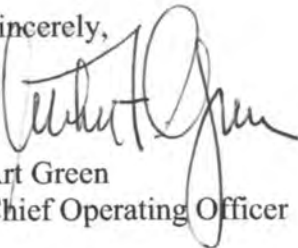
Dear Commissioners:

Enclosed is the completed application of Radiac Research Corporation for the importation of non-party state low-level radioactive waste for disposal at the Texas Compact disposal facility.

Copies of this application have been sent via electronic and certified mail to the Texas Commission on Environmental Quality and to Waste Control Specialists as required by 31 TAC §675.23(h)(2).

Should you desire further information, please contact Rick Jacobi at 512-656-4765, or at rjacobi@jacobiconsulting.net; or you may contact me at 917-939-4400.

Sincerely,



Art Green
Chief Operating Officer

AG/rj
Attachment

Copies to:

Bobby Janecka
Radioactive Materials Licensing Section Manager
Radioactive Materials Division
PO Box 13087, MC 233
Austin, TX 78711-3087

Bobby.janecka@tceq.texas.gov

Waste Control Specialists LLC
WCS Import Notification Mailstop
Attn: Vickie Watson
Three Lincoln Centre
5430 LBJ Freeway, Suite 1700
Dallas, TX 75240-2620

DL_WCS_Importation@westexas.com

Annex A

ANNEX A

**TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL
COMPACT COMMISSION**

APPLICATION FOR IMPORTATION OF NONPARTY LOW-LEVEL RADIOACTIVE WASTE

(NOTE: PURSUANT TO TEXAS HEALTH AND SAFETY CODE, §401.207(j), THIS APPLICATION MUST BE COMPLETED BY APPROPRIATE REPRESENTATIVES OF THE DEPARTMENT OF DEFENSE OR THE GENERATOR OF THE WASTE UNLESS THE GENERATOR IS A SMALL GENERATOR AS DEFINED IN 31 TAC §675.23(o), IN WHICH CASE THE APPLICATION MAY BE SUBMITTED BY AN APPROPRIATELY LICENSED BROKER)

1. Applicant Information:

Entity Name	<u>Radiac Research Corporation</u>
Contact Person	<u>Art Green, Director of Operations</u>
Phone	<u>(718) 963-2233</u>
Email	<u>agreen@radiacenv.com</u>
Website address	<u></u>
Business Address	<u>261 Kent Avenue</u>
	<u>Brooklyn, NY 11211</u>
Mailing Address	<u>Same</u>
	<u></u>

Is Applicant: ☐ Generator
☒ A Broker who is a: ☐ Licensed Waste Processor
☒ Licensed Waste Collector
☐ Department of Defense

Notes:

(1) An appropriately licensed Broker may act on behalf of a Small Generator only if each such generator is identified and written authorization from each such generator is provided as an attachment hereto.

(2) While Department of Defense Regulation 4715.6-R designates the Department of the Army as Executive Agent for disposal of low-level radioactive waste, the Commission will require that any agreement that it enters into in this regard be signed by both the Department of the Army as Executive Agent and the branch of the military that has generated the waste.

Generator Type: ☒ Industrial
 ☒ Academic/Research
 ☒ Medical
 ☒ Utility
 ☒ Government

Is Applicant the entity responsible for the waste shipment? ☒ yes ☐ no

If no, please include the name and contact information for the entity responsible for the waste shipment.

Is Waste from a "Small Generator"? ☒ yes ☐ no

2. Term/Duration from Date of Approval: One year

3. Waste proposed for importation.

Waste Volume (Cubic Feet) 100 cubic feet

Waste Radioactivity in Curies 90 Curies

Place of origination (State) of waste: CA, IL, IN, OH, NY, AZ, OK, AR, LA, MS, AL
GA, FL, NC, VA, TN, KY, WV, MD, PA, RI, WI, MI, NE, IA, SD, ND, KS, MO, NH and DE

Waste description:

Miscellaneous domestic normal form and special form radioactive material,
including sealed and plated sources

Waste classification (Class A, Class B, or Class C): Class A, B and C

Waste form: ☒ stable ☒ unstable

Does waste contain any of the following radionuclides, check box(es) and complete blank(s):

☒ C-14 100 millicuries (mCi)

☒ Tc-99 100 microcuries (uCi)

☒ I-129 100,000 nanocuries (nCi)

☒ Depleted Uranium 10,000 microcuries (uCi)

☒ Concentration < 10 nCi/gram (depleted U) (provide units)

Source of generation

Various academic, industrial, governmental, utility, and medical facilities engaged in educational, therapeutic, diagnostic, manufacturing and other operations using radioactive materials.

4. Is the proposed waste a sealed source?

☐ No. ☒ Yes. Please explain: The waste may contain

limited activity sealed sources used in medical research, patient treatment, research,
instrument calibration, logging and industrial applications.

5. Does Broker and/or Generator(s) have any unresolved violation(s), complaint(s), unpaid fee(s), or past due report(s) with the Texas Low-Level Radioactive Waste Disposal Compact Commission?

☒ No ☐ Yes. Please explain: _____

6. Does Broker and/or Generator(s) have any unresolved violation(s), complaint(s), unpaid fee(s), or past due report(s) pending with any other regulatory agency with jurisdiction to regulate radioactive material including, without limitation, the Texas Commission on Environmental Quality (TCEQ)?

☒ No ☐ Yes. Please explain: _____

7. **Certifications.** Applicant hereby certifies the following.

- a. The information provided herein is complete, accurate and correct.
- b. The low-level radioactive waste for which this Application is submitted will be packaged and shipped in accordance with applicable state and federal regulations and is acceptable for disposal at the Compact Facility.

- c. The person submitting this Application is authorized by Applicant to commit Applicant to each and every obligation and condition set forth herein and in the Agreement for Importation of Nonparty Compact Waste. A copy of a written document containing such authorization must be attached to this Application.
- d. Applicant has delivered to the Compact Facility operator and TCEQ a copy of this Application and the Agreement for Importation of Nonparty Compact Waste (along with any supplements or amendment thereto).

8. **Authorized Signatory:**

Arthur F. Green

Print or type name

Signature

Director of Operations

Title

Date

ATTACHMENTS:

(Attachments should include all applicable licenses, authorizations, and other materials needed or useful to fully explain the application.)

Annex B

Radioactive Material License - NYS

Radioactive Material License - USNRC

Generator Certification Approval Letter #NYCRADIAC

Texas DSHS Shipper/Transporter Registration #W0045

Annex B

TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL COMPACT COMMISSION

ANNEX B TERM SHEET

Agreement for Importation of Nonparty Low-Level Radioactive Waste into the Texas Low-Level Radioactive Waste Disposal Compact for Disposal

This Agreement for Importation of Nonparty Low-Level Radioactive Waste ("Agreement") is dated _____, 20__, by and between Radiac Research Corporation ("Generator") and the Texas Low-Level Radioactive Waste Disposal Compact Commission ("Commission") (collectively the "Parties").

I. RECITALS

WHEREAS Texas is the host state for the Texas Low-Level Radioactive Waste Disposal Compact ("Compact"), which requires the state to develop a facility for the disposal of low-level radioactive waste generated within the Compact's party states; and

WHEREAS in compliance with the Compact and with state law, the Texas Commission on Environmental Quality ("TCEQ") issued a license to Waste Control Specialists LLC ("Compact Facility Operator") to construct and operate a Compact Waste Disposal Facility ("Compact Facility") in Andrews County, Texas for the disposal of low-level radioactive waste for the Compact; and

WHEREAS the Texas Legislature has authorized the Compact Facility Operator to accept for disposal at the Compact Facility low-level radioactive waste from waste generators located outside of the Compact party states in accordance with the Compact Facility license and to the extent the acceptance of such imported waste does not diminish the disposal volume or curie capacity available to Compact party states; and

WHEREAS Chapter 403, Section 3.05(6) of the Texas Health and Safety Code authorizes the Commission to enter into an agreement with any person, state, regional body, or group of states for the importation of low-level radioactive waste into the Compact for management or disposal, provided that the agreement receives a majority vote of the Commission; and

WHEREAS the Texas Legislature has established additional terms and conditions in Chapter 401 of the Texas Health & Safety Code that if satisfied ensure that the importation of low-level radioactive waste will be in the State's public interest; and

WHEREAS Generator has filed an Application for Importation of Nonparty Low-Level Radioactive Waste ("Application") with the Commission; and

WHEREAS the Commission has processed and considered Generator's Application in accordance with applicable requirements, and a majority of the members of the Commission approved the Application and voted to enter into this Agreement; and

WHEREAS in voting to approve Generator's Application and to enter into this Agreement, the Commission considered all relevant statutory and regulatory considerations, including, but not limited to: (a) the volume, type, physical form, and total activity (radionuclide-specific activity, if needed) of the waste proposed for importation as identified in the Application; (b) the policy and purpose of the Compact; (c) the existence of unresolved violations pending against Generator with any other regulatory agency with jurisdiction to regulate radioactive material, and any comments by the regulatory agency with which Generator has unresolved violations; (d) any unresolved violation, complaint, unpaid fee, or past due report that Generator has with the Commission; (e) whether, by acceptance of this waste for disposal, the Compact Facility will remain below the applicable annual and total volume and curie capacity disposal limits set forth in Sections 401.207(e), (e-1) (if applicable), and (f)(1) of the Texas Health and Safety Code; and (f) other factors that the Commission has deemed relevant to carry out the policy and purpose of the Compact and Chapters 401 and 403 of the Texas Health and Safety Code.

II. Representations and Acknowledgements

WHEREAS The Generator represents and acknowledges the following:

A. The generator has disclosed in its Application for Importation the existence of unresolved violations pending against the applicant with any other regulatory agency with jurisdiction to regulate radioactive material.

B. The generator has disclosed in its Application for Importation the existence of any unresolved violation(s), complaint(s), unpaid fee(s), or past due report(s) that the applicant has with the Commission.

C. The generator has disclosed in its Application for Importation the existence of any unresolved violation(s), complaint(s), unpaid fee(s), or past due reports that the applicant has with any other regulatory body, including, without limitation, the TCEQ.

D. The generator acknowledges that a misrepresentation with respect to an item listed in A, B, or C may result in the cancellation of the agreement.

E. The generator acknowledges the obligation to report immediately to the Commission any allegation of the violation of any law, rule or regulation related to the storage, shipment or treatment of any form of radioactive material.

F. The generator acknowledges the right of the Commission to audit or cause to be audited compliance with the agreement.

G.The generator affirms that no waste of international origin shall ever be included in the materials to be imported to the Compact facility.

III. AGREEMENT

NOW, THEREFORE, in the exercise of its authority under Chapter 403 of the Texas Health and Safety Code, the Commission hereby authorizes the importation of Generator's nonparty low-level radioactive waste, in the form and amounts described below ("Generator's Nonparty Compact Waste"), subject to the following terms and conditions.

A. This Agreement shall remain in effect from _____ through 4/30/2015 unless amended by agreement of the Parties, or revoked by the Commission prior to importation.

B. Generator agrees to comply with Chapter 403, Section 8.03 of the Texas Health and Safety Code and shall be liable for its own acts, omissions, conduct, and relationships in accordance with applicable law.

C. The Commission may, on its own motion or in response to a petition by the Generator for amendment of this Agreement for which prior written notice has been given to Generator and the Compact Facility Operator, revoke this Agreement, or add or delete requirements or limitations to this Agreement, provided that the Commission provides a reasonable time to allow the Generator and the Compact Facility Operator to make the changes necessary to comply with any additional requirements imposed by the Commission.

D. This Agreement is not assignable or transferable to any other person.

E. This Agreement is subject to receipt by the Compact Facility Operator of written certification from the TCEQ, prior to the acceptance of Generator's Nonparty Compact Waste, that the waste to be imported is authorized for disposal under the Compact Facility licensee.

F. The applicant agrees to comply to the extent applicable with the rules related to commingling adopted by TCEQ in coordination with the Commission pursuant to Section 401.207(k), Texas Health and Safety Code.

G.The waste is described below:

Waste Volume (Cubic Feet): 100_____

Waste Radioactivity (Curies): 90_____

Place of Origin (State) of Waste: CA, IL, IN, OH, NY, AZ, OK, AR, LA, MS, AL, GA, FL, NC, VA, TN, KY, WV, MD, PA, RI, WI, MI, NE, IA, SD, ND, KS, MO, NH and DE

Waste Description: Miscellaneous domestic normal form and special form radioactive material, including sealed and plated sources

Waste Classification (Class A, B or C): Class A, B and C

Waste Form: X Stable X Unstable

Does the waste contain any of the following radionuclides, check boxes and complete blank(s) : None

X	C-14	_____ 100 _____	milliCuries (mCi)
X	Tc-99	_____ 100 _____	microCuries (uCi)
X	I-129	_____ 100,000 _____	nanocuries (nCi)
X	Depleted Uranium	_____ 10,000 _____	microCuries (uCi)
X	Concentration	_____ < 10 nCi/gram (DU) _____	(provide units)

Source of generation: Various academic, industrial, governmental, utility and medical facilities engaged in educational, therapeutic, diagnostic, manufacturing, energy production and other operations using radioactive materials.

RADIAC RESEARCH CORPORATION:

By: _____
Name

Title _____

TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL COMPACT
COMMISSION

By: _____
Name

Title _____

Radioactive Material License – New York State



NEW YORK STATE DEPARTMENT OF HEALTH

RADIOACTIVE MATERIALS LICENSE

Pursuant to the Public Health Law, Part 16 of the New York State Sanitary Code, Industrial Code Rule 38, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing radioactive material(s) for the purpose(s), and at the place(s) designated below. The license is subject to all applicable rules, regulations, and orders now or hereafter in effect of all appropriate regulatory agencies and to any conditions specified below.

1. NAME OF LICENSEE FEIN 11-2203365 Radiac Research Corp. Phone (718) 963-2233	3. LICENSE NUMBER C1944 4. EXPIRATION DATE October 13, 2019
2. ADDRESS OF LICENSEE 261 Kent Avenue Brooklyn, New York 11211	5a. REFERENCE b. AMENDMENT NO. DH 11-566 4

- | | | |
|--|---|--|
| 6. Radioactive Materials
(elements in mass number) | 7. Chemical and/or
physical form | 8. Maximum quantity licensee may
possess at any one time |
| A. Any radioactive material
with atomic numbers 4
through 83 | A. Any | A. 50 curies total, except as
limited by License Condition
Nos. 16 and 22 |
| B. Any radioactive material
with atomic numbers 84
through 98, excluding
special nuclear material | B. Any | B. 20 curies total, except as
limited by License Condition
Nos. 16 and 22 |
| C. Hydrogen 3 | C. Any | C. 100 curies |
| D. Uranium 233 | D. Any | D. Not to exceed 50 grams and
except as limited by License
Condition Nos. 16 and 24 |
| E. Uranium 235 | E. Any | E. Not to exceed 175 grams and
except as limited by License
Condition Nos. 16 and 24 |



NEW YORK STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIALS LICENSE

3. License Number C1944

5a. Reference DH 11-566

b. Amendment No. 4

6. Radioactive Materials
(elements in mass number)

7. Chemical and/or
physical form

8. Maximum quantity licensee may
possess at any one time

F. Plutonium, any isotope or
combination thereof

F. Any

F. Not to exceed 0.9 grams total
and except as limited by
License Condition Nos. 16,
22 and 24

G. Barium 133

G. Sealed source

G. 18.8 microcuries

9. Authorized use (unless otherwise specified, the authorized place of storage is the licensee's address stated in Item 2, above).

A. Materials authorized under items 6.A. through 6.F. are subject to the following use restrictions:

- (1) The licensee may receive and store radioactive waste and/or surplus radioactive material for reclamation and transfer to persons possessing a Specific License issued by the United States Nuclear Regulatory Commission, or an Agreement State, or authorized in accordance with Section 16.109 of 10 NYCRR Part 16. Storage of any waste and/or surplus radioactive material for reclamation shall not exceed a period of six months.
- (2) The licensee shall receive only radioactive materials as wastes and/or surplus radioactive material for reclamation that were packaged in accordance with 6 NYCRR Part 382.
- (3) The licensee may stabilize and package sealed sources and naturally occurring radioactive material (NORM) waste, which does not include byproduct, source, or special nuclear material, at generator sites for the purpose of transportation, and/or disposal, or for return to manufacturer/reclaimer. If a spill or leakage of contamination occurs, the Department of Health shall be notified immediately.
- (4) The licensee may consolidate prepackaged/stabilized sealed sources and NORM waste at the installation specified in Condition 2 of this license for the purposes of waste minimization.
- (5) The licensee shall not open or repackage containers containing other types of waste without the expressed approval of this Department.



NEW YORK STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIALS LICENSE

3. License Number C1944

5a. Reference DH 11-566

b. Amendment No. 4

9. A. (6) Notwithstanding paragraphs (1) through (4) above, the licensee may isolate, retrieve, package, and store radioactive materials found in unauthorized locations. If the licensee identifies the nuclides involved, and the half-life does not exceed 90 days, the licensee may apply to the Department for approval to decay the material in storage.
- B. Materials authorized under item 6.G. may be used as calibration standards.
10. A. Radioactive material listed in Item 6 shall only be used by:
- Arthur Green
- Joseph Spektor
- B. Radioactive material listed in Item 6 shall be used by Joseph Spektor, as appropriate to fulfill the responsibilities of the Radiation Safety Officer.
11. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7 and 8 of this license, in accordance with statements, representations, and procedures contained in the documents (including any enclosures) listed below:
- A. Renewal Application for New York State Department of Health Radioactive Materials License dated September 17, 2008, signed by Arthur Green.
- B. Letters dated May 6, 2009 and June 25, 2009, signed by Arthur Green.
- C. License Renewal Request dated August 9, 2011, signed by Arthur Green.**
- The New York State Department of Health's regulations shall govern the licensee's statements in applications or letters unless the statements are more restrictive than the regulations.
12. Sealed sources containing licensed material shall not be opened by the licensee.
13. Any licensee possessing and storing mixed waste, defined as a combination of hazardous wastes identified in the New York State Department of Environmental Conservation 6 NYCRR Part 371, Identification and Listing of Hazardous Wastes and Radioactive Materials, shall have a permit from the Department of Environmental Conservation to possess and store such mixed waste.
14. Plans of facilities that the licensee intends to dedicate to operations involving the use of radioactive materials shall be submitted for approval by the Department prior to any such use.



NEW YORK STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIALS LICENSE

3. License Number C1944

5a. Reference DH 11-566

b. Amendment No. 4

15. The licensee shall submit complete decontamination procedures to the Department for approval ninety (90) days prior to the termination of operations involving radioactive materials and/or vacating an installation.
16. In addition to the possession limits in Item 8, the licensee shall restrict the possession of licensed material so that at no time is a quantity of radioactive material possessed in excess of a quantity which requires consideration of the need for an emergency plan for responding to a release of licensed material in accordance with 12 NYCRR 38.6 (d).
17. The licensee shall, pursuant to 10 NYCRR 16.13 (c), instruct and make available to each person working with, or having responsibility for radioactive materials, operating procedures, referenced in Condition 11 herein, and 12 NYCRR 38, and 10 NYCRR 16.
18. The licensee shall have available an appropriate survey meter which shall be maintained operational and shall be calibrated before initial use and at subsequent intervals not exceeding twelve months by a person specifically authorized by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
19. The licensee shall not release any licensed radioactive materials into the environment except as permitted by the regulations of the New York State Department of Environmental Conservation.
20. The licensee shall maintain records of information important to safe and effective decommissioning at the location in Condition 2, and at other locations as the licensee chooses. The records shall be maintained until this license is terminated by the Department and shall include:
 - A. Records of spills or other unusual occurrences involving the spread of contamination in and around the facility, equipment, or site;
 - B. As-built drawings and modifications of structures and equipment in restricted areas where radioactive materials are used and/or stored, and locations of possible inaccessible contamination, such as buried pipes that may be subject to contamination;
21. The licensee shall submit full information on any proposed changes of ownership or control of licensed premises, at least 90 days prior to the proposed action.
22. In addition to the possession limits in Item 8, the licensee shall restrict the possession of licensed material so that at no time is a quantity of radioactive material possessed in excess of the quantities outlined in Table 1: "Radionuclides of Concern". If two or more radionuclides are aggregated, the possession of each radionuclide shall be restricted so that the sum of the ratios of the activity of each source to the quantity of concern listed for that nuclide is less than unity.



NEW YORK STATE DEPARTMENT OF HEALTH
RADIOACTIVE MATERIALS LICENSE

3. License Number C1944

5a. Reference DH 11-566

b. Amendment No. 4

23. A. Transportation of licensed radioactive material shall be subject to all regulations of the U.S. Department of Transportation and other agencies of the United States having jurisdiction insofar as such regulations relate to the packaging of radioactive material, marking and labeling of the packages, loading and storage of packages, monitoring requirements, accident reporting, and shipping papers.
- B. Transportation of low level radioactive waste shall be in accordance with the regulations of the New York State Department of Environmental Conservation as contained in 6 NYCRR Part 381.
24. In addition to the possession limits in Item 8, the licensee shall restrict the possession of licensed material so that at no time is a quantity of special nuclear material in quantities not sufficient to form a critical mass, which means uranium enriched in the isotope U-235 in quantities not exceeding 350 grams of contained U-235; uranium-233 in quantities not exceeding 200 grams; plutonium in quantities not exceeding 200 grams; or any combination of them in accordance with the following formula: For each kind of special nuclear material, determine the ratio between the quantity of that special nuclear material and the quantity specified above for the same kind of special nuclear material. The sum of such ratios for all of the kinds of special nuclear material in combination shall not exceed 1.
25. Pursuant to 10 NYCRR 16.26 (c) (4), the licensee shall notify the Department in writing at least 30 days prior to the use of respiratory protection equipment for restricting internal exposure to radioactive materials.

FOR THE NEW YORK STATE DEPARTMENT OF HEALTH

By

Charles J. Burns, Chief
Radioactive Materials Section
Bureau of Environmental Radiation Protection

Date: November 17, 2011

CJB/DJS:ks

Radioactive Material License – US Nuclear Regulatory Commission



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

April 3, 2013

Docket No. 03012908
Control No. 580283

License No. 31-17528-01

Arthur F. Green
Radiac Research Corporation
261 Kent Avenue
Brooklyn, NY 11211

SUBJECT: RADIAC RESEARCH CORPORATION, ACKNOWLEDGEMENT OF TIMELY
RECEIPT OF RENEWAL APPLICATION, CONTROL NO. 580283

Dear Mr. Green:

This is to acknowledge receipt of your application for renewal of the materials license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Any correspondence regarding the renewal application should reference the control number specified above.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

Sincerely,

Original signed by Sheryl Villar

Sheryl Villar, Team Leader
Licensing Assistance Team
Division of Nuclear Materials Safety

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. Radiac Research Corporation</p> <p>2. 261 Kent Avenue Brooklyn, New York 11211</p>	<p>In accordance with the letter dated April 16, 2002,</p> <p>3. License number 31-17528-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date April 30, 2013</p> <p>5. Docket No. 03001908 Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct or source material</p> <p>B. Any byproduct material</p> <p>C. Hydrogen 3</p> <p>D. Any special nuclear material</p>	<p>7. Chemical and/or physical form</p> <p>A. Contained in prepackaged radioactive waste</p> <p>B. Prepackaged sealed sources</p> <p>C. Contained in prepackaged EXIT sign</p> <p>D. Contained in prepackaged radioactive waste</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. If required, please contact Radiac Research Corp. for an unredacted copy of this license. All requests must be accompanied with a copy of the generator's radioactive material license and/or official regulatory written request.</p>
<p>9. Authorized use:</p> <p>A. through D. For receipt and possession incident to transportation of prepackaged radioactive waste picked up at customers' facilities.</p>		

CONDITIONS

10. Prepackaged waste containing licensed material may be possessed anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material except prepackaged wastes containing special nuclear material may be picked up, received, and possessed anywhere in the United States.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

31-17528-01

Docket or Reference Number

030-12908

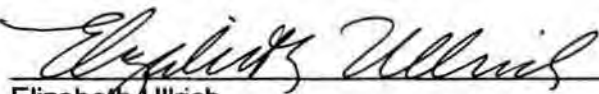
Amendment No. 07

11. Licensed material shall be used by, or under the supervision and in the physical presence of, Arthur F. Green, John V. Tekin, Jr., or Joseph A. Spektor.
12. The Radiation Safety Officer for this license is Joseph A. Spektor.
13. 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), 40.36(b), and 70.25(d) for establishing decommissioning financial assurance.
14. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material so that at no time is a quantity of radioactive material possessed in excess of a quantity which requires consideration of the need for an emergency plan for responding to a release of licensed material in accordance with 10 CFR 30.72.
15. The licensee shall not open packages containing licensed material.
16. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
17. 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. Letter dated July 31, 2002
- B. Letter dated November 14, 2002

For the U.S. Nuclear Regulatory Commission

Date April 15, 2003

By



Elizabeth Ullrich

Nuclear Materials Safety Branch 2

Division of Nuclear Materials Safety

Region I

King of Prussia, Pennsylvania 19406

31963747

Generator Certification Approval Letter



Generator Certification Approval Letter

January 16, 2014

Mr. Art Green
President/ CEO
Radiac Environmental Services
261 Kent Avenue
Brooklyn, New York 11249

RE: Radiac Environmental Services Generator Certification Identification Number-**NYCRADIAC**

Generator Certification Valid **January 16, 2014** through **January 31, 2015**

Dear Mr. Art Green,

On January 16, 2014, Waste Control Specialists LLC completed a review of the submitted Generator Certification Packet and found Radiac Environmental Services to have an acceptable waste management program and is authorized to ship waste materials to the Waste Control Specialists LLC Compact Waste Disposal Facility (CWF).

Be reminded, any change to Radiac Environmental Services' waste management program which reduces administrative control requires notification to Waste Control Specialists LLC. This Certification is valid until the last day of the month, 12 months from the date of issue.

The generator certification identification number is required on all documentation or correspondence with Waste Control Specialists LLC regarding waste disposal.

Waste Control Specialists LLC is pleased to have the opportunity to provide you with the quality waste management services that you need. If you have any questions or need further assistance, please feel free to contact me at (432) 525-8674 or at (432) 269-5963.

Sincerely,
WASTE CONTROL SPECIALISTS LLC

Thomas Huck

Thomas Huck
QA - Generator Certification Manager

Corporate
5430 LBJ Freeway, Ste. 1700
Three Lincoln Centre
Dallas, TX 75240
Ph. 972.715.9800
Fx. 972.448.1419

Facility
P.O. Box 1129
Andrews, TX 79714
Ph. 888.789.2783
Fx. 432.525.8902

Texas DSHS Shipper/Transporter Registration



TEXAS DEPARTMENT OF STATE HEALTH SERVICES

DAVID L. LAKEY, M.D.
COMMISSIONER

P.O. Box 149347
Austin, Texas 78714-9347
1-888-963-7111
TTY: 1-800-735-2989
www.dshs.state.tx.us

January 10, 2014

RADIAC RESEARCH CORPORATION
ATTN ARTHUR F GREEN
261 KENT AVENUE
BROOKLYN NY 11211

Expiration Date: **March 1, 2014**
Registration No.: W0045
Authorized Use: Transporter/Shipper

Mr. Green:

Radiac Research Corporation is hereby registered to Ship Low Level Radioactive Waste (LLRW) to the Texas LLRW Disposal Facility pursuant to Title 25 Texas Administrative Code (TAC) §289.257. This registration will expire on the date listed above.

In addition to the requirements and restrictions of Title 25 TAC §289.257, the following conditions are imposed on your activities as a general licensee while shipping or transporting LLRW in the state of Texas:

1. The registrant shall have the following in their possession at all times when shipping LLRW in Texas to the Texas LLRW disposal facility, and make them available for Texas Department of State Health Services (DSHS) review upon request:
 - a) a copy of this registration letter,
 - b) a copy of the registrant's Emergency Plan,
 - c) a uniform LLRW manifest, and
 - d) a copy of Proof of Financial Responsibility (i.e. insurance certificate).
2. The registrant shall submit a copy of the LLRW manifest including shipping, container and waste information to DSHS at least five (5) days prior to the waste shipping date. This can be faxed to: Manager, Radioactive Material Licensing Branch at (512) 834-6690 or a scanned copy emailed to the Program Coordinator, Industrial Licensing Program: ray.fleming@dshs.state.tx.us.
3. If at any time during the registration period the Emergency Plan, Proof of Financial Responsibility, Packaging Information (COC) is amended, the registrant shall provide DSHS with copies of amended documentation at least five (5) days prior to the next LLRW shipment to the Texas LLRW Disposal Facility.

Radiac Research Corporation
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4. After this registration has expired Radiac Research Corporation shall apply for renewal of their registration per the requirements outlined in DSHS Regulatory Guide 2.19. The registrant shall provide DSHS with the required documentation at least fourteen (14) days prior to their next LLRW shipment to the Texas LLRW Disposal Facility.

If I may be of assistance, please contact me at (512) 834-6688 extension 2215; or by electronic mail at keith.smith@dshs.state.tx.us.

Sincerely,



Keith Smith, License Reviewer
Industrial Licensing Program
Radiation Safety Licensing Branch

Enclosures: Emergency Telephone Notice

✓
✓
bcc: file, TCEQ, WCS