



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OFFICE OF RESEARCH AND DEVELOPMENT
CENTER FOR ENVIRONMENTAL SOLUTIONS AND EMERGENCY RESPONSE
GROUNDWATER CHARACTERIZATION AND REMEDIATION DIVISION
919 KERR RESEARCH DRIVE • ADA, OK 74820

September 22, 2023

RECEIVED
09/25/2023

License No. 35-11581-02
Docket No. 030-09517

U.S. Nuclear Regulatory Commission
Region IV
Division of Nuclear Materials Safety
Material License & Decommissioning Branch
1600 East Lamar Boulevard
Arlington, Texas 76011

Mail Control Number: 637305
Docket Number : 3009517
License Number : 35-11581-02
Licensee Name : U.S. Environmental Protection Agency

Dear DNMS Licensing Assistant:

The U.S. Environmental Protection Agency (EPA) is requesting to terminate NRC license 35-11581-02 (Docket 030-09517). Currently, EPA owns the building located at 919 Kerr Research Drive in Ada OK, which is the location of use on the license. EPA has ceased licensed activities at this facility and performed decommissioning activities in preparation for termination of the license.

EPA has evaluated the building to be released according to the guidance in US Nuclear Regulatory Commission Guidance (NUREG)-1757, Volume 1 and determined that this site is in NRC Decommissioning Group 2 because:

- It used unsealed by-product material with a half-life greater than 120 days,
- It did not have releases into the environment in excess of 10 Code of Federal Regulations (CFR) Part 20 limits,
- It did not activate adjacent materials,
- The residual radioactivity meets NRC screening values, and
- The license does not require a decommissioning plan.

EPA has conducted a radiological survey of the building to be released according to the guidance in the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM).

The Final Status Survey Report (FSSR), summarized below, demonstrates that these areas meet NRC screening values given in NUREG-1757, Volume 1. No locations in the building required remediation. Therefore, the building is suitable for release for unrestricted use in accordance with 10 CFR 20.1402. EPA will retain all decommissioning records in accordance with 10 CFR 30.51.

EPA RSKERC FSS Compliance Summary

Metric	FSS SU 2-1	FSS SU 2-2	FSS SU 3-1	FSS SU 3-2	FSS S 3-3	FSS SU 3-4
Power of Sign Test	~1	~1	~1	~1	~1	~1
Median	300.0	1,300	3,318	1,643	-1,300	4,950
UCL95 of Median	1,600	3,900	7,500	10,143	1,300	5,800
Arithmetic Mean	305.9	2,076	4,322	4,224	178.6	-3,836
Geometric Mean	918.4	2,205	4,826	4,159	2,218	2,928
Maximum	3,800	12,700	12,500	12,428	7,400	8,600

Note 1: Except for the Power of Sign Test (unitless), all statistics reported above are in units of dpm/100 cm².

The Final Status Survey Report is accessible at: EPA Created Ada, Oklahoma License 35-11581-02 - NRC Coordination SharePoint Site

<https://usepa.sharepoint.com/sites/AdaDecommissioning-NRCCoordination>

Please be reminded, EPA Ada originally sent a letter on March 6, 2023, informing the NRC of cessation of radioactive material use and intent to terminate the license. EPA Ada has already sent the Historical Site Assessment and Characterization Survey results on May 24, 2023, via the SharePoint site referenced above. On June 5, 2023, EPA Ada sent a letter requesting an expedited review be performed for this license termination. EPA appreciates the attention and effort expended by the NRC in reviewing this request. If there are any questions or comments regarding this submittal, please contact Cherri Adair at (580) 436-8969 or adair.cherri@epa.gov. Finally, Saba Tahmassebi became the permanent Senior Manager at EPA Ada replacing Acting Division Direct Sally Guitierrez since the last correspondence.

Sincerely,

Cherri Adair

Cherri J. Adair
 Safety, Health, and Environmental
 Management Program Manager/Radiation
 Safety Officer
 U.S. EPA/ORD/CESER/GCRD
 Phone: 580-436-8969
 Email: adair.cherri@epa.gov

Saba Tahmassebi

Saba Tahmassebi, PhD
 Division Director
 U.S. EPA/ORD/CESER/GCRD
 Phone: 580-436-8890
 Email: tahmassebi.saba@epa.gov

Attachment: NRC Form 314



CERTIFICATE OF DISPOSITION
OF MATERIALS

RECEIVED
09/25/2023

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 email to Infocollections.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; email: oira_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
U. S. EPA
Robert S. Kerr Environmental Research Center
919 Kerr Research Drive
Ada, OK 74820

License Number
35-11581-02
Docket Number
030-09517

Expiration Date
02/24/2024

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.
 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:

b. Disposal of radioactive materials:

1. Directly by the licensee:

T a a / O [} d [| A ~ { a ^ i K A H I H E I
O [& ^ o p ~ { a ^ i A A E E J I F I
S a r ^ } . ^ A ~ { a ^ i A A H I E F I } F E E G
S a r ^ } . ^ A ~ a a ^ A A E E J I O } c a [} { ^ } c a A U i [c & c a } A E ^ } & A

2. By licensed disposal site:

3. By waste contractor:

Chase Environmental Group, Seb Cattana, 500 Four Rod Rd., Suite 114, Berlin CT 06037 860-505-8109

- c. All radioactive materials have been removed, any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.
 d. Acknowledgment of receipt of the material by transfer or by disposal site is attached:

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 the NRC

Email Address: _____ 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 Number (Include area code)	E-mail Address
Cherri Adair	Radiation Safety Officer	580-436-8969	adair.cherri@epa.gov

Mail all future correspondence regarding this license to:

Cherri Adair, U.S. EPA 919 Kerr Research Drive, Ada, OK 74820

C. CERTIFYING OFFICIAL

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

Printed Name and Title	Signature of Certifying Official	Date
Saba Tahmassebi, Division Director, U.S. EPA ORD/CESER/GCRD	<i>Saba Tahmassebi</i>	09/23/2023

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.

CERTIFICATE OF DISPOSITION OF MATERIALS

PLEASE READ THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 314.

Subpart E of 10 CFR Part 20 establishes the radiological criteria for license terminations/decommissioning of facilities licensed under 10 CFR Parts 30, 40, 50, 60, 61, 70, and 72, as well as other facilities subject to the Commission's jurisdiction under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, as amended.

INSTRUCTIONS

Section B, Item 2.

Licensees should describe the specific radioactive material transfer actions. If radioactive wastes were generated in terminating this license, the licensee should describe the disposal actions taken, including the disposition of low-level radioactive waste, mixed waste, greater-than-Class-C waste, and sealed sources.

Section B, Item 2.a.

The information provided concerning the transfer of radioactive material to another licensee should specify the date of the transfer, the name of the licensee recipient, an individual contact name and telephone number for the licensee recipient, and the recipient's NRC or Agreement State license number.

Section B, Item 2.b.

For disposal of radioactive materials, licensees should describe the specific disposal method or procedure (e.g., decay-in-storage). For those cases when radioactive materials are disposed of by a licensed disposal site or by a waste contractor, the licensee should specify the name, address, and telephone number of the licensed disposal site operator or waste contractor.

Section B, Item 2.c.

"Residual radioactivity," as defined in 10 CFR 20.1003, means radioactivity in 'areas' (structures, materials, soils, etc.) remaining as a result of activities (licensed and unlicensed) under the licensee's control from sources used by the licensee, excluding background radiation. ALARA is defined in 10 CFR 20.1003.

Section B, Item 2.d.

For transfer of radioactive materials licensees should attach a record of receipt from the recipient that contains information regarding what was received (e.g., radioactive materials for disposal or transfer.)

FILE CERTIFICATES AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND CERTIFICATES TO:

LICENSING ASSISTANCE TEAM
DIVISION OF RADIOLOGICAL SAFETY AND SECURITY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD, SUITE 102
KING OF PRUSSIA, PA 19406-1415
R1DRSSMail.Resource@nrc.gov

*Note: The preferred method to submit NRC Form 314 is email.

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND CERTIFICATES TO:

MATERIALS LICENSING SECTION
DIVISION OF RADIOLOGICAL SAFETY AND SECURITY
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352
R3-DRSSMAIL.Resource@nrc.gov

*Note: The preferred method to submit NRC Form 314 is email.

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND CERTIFICATES TO:

MATERIALS LICENSING BRANCH
DIVISION OF RADIOLOGICAL SAFETY AND SECURITY
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511
R4licensing@nrc.gov

*Note: The preferred method to submit NRC Form 314 is email.

NRC Form 314 (Explanation)

License No. 35-11581-02

Docket No. 030-09517

C. SURVEYS PERFORMED AND REPORTED

2. A copy of the radiation survey results:

b. is not attached (Provide explanation)

Explanation:

By prior arrangement, the Final Status Survey Report is accessible at: EPA Created Ada, Oklahoma License 35-11581-02 - NRC Coordination SharePoint Site

<https://usepa.sharepoint.com/sites/AdaDecommissioning-NRCCoordination>

Accessible to NRC Staff:

Stephanie Anderson

Troy Johnson

Michael LaFranzo

Christian Dennes

Carol Hill

From: Adair, Cherri <adair.cherri@epa.gov>
Sent: Monday, September 25, 2023 10:34 AM
To: R4 Licensing Action Submittals
Cc: Baker, Todd (he/him/his); McKim, Beverly; Skender, John; Tahmassebi, Saba
Subject: [External_Sender] Program Change to NRC License 35-11581-02: License Termination Request
Attachments: 2023-09-22 License Termination Letter.pdf; NRC Form314 Completed_2023-09-22.pdf; NRC Form 314 Explanation Attachment.pdf

Attention:
U.S. Nuclear Regulatory Commission
Region IV
Division of Nuclear Materials Safety
Material License & Decommission Branch
1600 East Lamar Boulevard
Arlington, Texas 76011

This email transmits the License Termination Letter and supporting NRC Form 314.
In addition to this email submittal, a hard copy was mailed via United States Postal Office.
By prior arrangement, the Final Status Survey Report is accessible at: EPA Created Ada, Oklahoma License 35-11581-02 - NRC Coordination SharePoint Site
<https://usepa.sharepoint.com/sites/AdaDecommissioning-NRCCoordination>

Cherri Adair
Safety, Health & Environmental Management Program Manager/Radiaion Safety Officer
USEPA/ORD/CESER/GCRD/IO
Robert S. Kerr Environmental Research Center
919 Kerr Research Drive
Ada, OK 74820
Office: 580-436-8969

Agency: NRC

WBL WORKSHEET

DOCKET NUMBER: 3009517 LICENSE NUMBER: 35-11581-02 STATUS: Pending Termination

MAIL CONTROL NUMBER: 637305 RECEIPT DATE: 09/25/2023 ACTION TYPE: Termination

DUE DATE: 12/24/2023 INST. CODE: 11581 LICENSE REGION: Region 4

LICENSE TYPE: 30 ENTITY TYPE: G LICENSE GROUP: Academic

ISSUE DATE: ORIGINAL DATE: 03/24/1988 EXPIRATION DATE:

DECOMMISSIONING CATEGORY: Group 2 LAST ISSUE DATE:

LICENSEE NAME: U.S. Environmental Protection Agency DECOM FIN ASSUR REQD: N
SUBM: N

MAILING ADDRESS LINE1: 919 Kerr Research Drive CONT PLAN REQD: N APPRV: N

MAILING ADDRESS LINE 2:

CITY: Ada STATE: OK ZIP: 74820

CONTACT PERSON: PREFIX: FIRST NAME: Cherri MIDDLE INITIAL: J.

LAST NAME: Adair SUFFIX:

JOB TITLE: Safety, Health and Environmen PHONE: 580-436-8969 FAX: EMAIL: adair.cherri@epa.gov

BILLING ADDRESS LINE 1:

BILLING ADDRESS LINE 2:

CITY: STATE: Oklahoma ZIP:

BILLING CONTACT PERSON: FIRST NAME: MIDDLE INITIAL: LAST NAME:

PHONE: EMAIL: FAX:

PRIMARY PGM CODE: 03620 SECONDARY PGM CODE: 03123

INSPECTION REGION: Region 4 PRIORITY: 5

RSO: PREFIX: FIRST NAME: Cherri MIDDLE INITIAL: J. LAST NAME Adair

SUFFIX: RSO JOB TITLE: Safety, Health and Environmental Management

RSO PHONE: 580-436-8969 RSO FAX: 580-436-8703 RSO EMAIL: adair.cherri@epa.gov

STATES WHERE USE IS AUTHORIZED: 1
0- ALL LISTED STATES
1- SAME AS STATE IN ADDRESS
2- ALL STATES
3- NON-AGREEMENT-STATES

AUTHORIZED STATES (USE ONLY IF ABOVE IS ZERO):



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Cherri J. Adair
Radiation Safety Officer
U.S. Environmental Protection Agency
Robert S. Kerr Environmental Research Center
919 Kerr Research Drive
Ada, Oklahoma 74820

Date

09/27/2023

License Number(s)

35-11581-02

Mail Control Number(s)

637305

Licensing and/or Technical Reviewer or Branch

C. Hill

This is to acknowledge receipt of your: Letter and/or Application Dated: 09/23/2023

The initial processing, which included an administrative review, has been performed.

Amendment Termination New License Renewal

There were no administrative omissions identified during our initial review.

This is to acknowledge receipt of your application for renewal of the material(s) 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.

Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.

The following administrative omissions have been identified:

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

**Region IV
U. S. Nuclear Regulatory Commission
DNMS/NMSB - B
1600 E. Lamar Boulevard
Arlington, TX 76011-4511
(817) 200-1103 or (817) 200-1140**