

NRC FORM 314  
(02-2017)  
10 CFR 30.36(j)(1);  
40.42(j)(1); 70.38(j)(1);  
and 72.54(k)(5)(1)(1)



U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0028

EXPIRES: 02/29/2020

### 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, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to [InfoCollections.Resource@nrc.gov](mailto:InfoCollections.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS

Matthew K. Church  
Department of the ARMY (Watervliet Arsenal)  
1 Buffington Street  
Watervliet, NY 12189

LICENSE NUMBER

31-07595-02

DOCKET NUMBER

030-15089

LICENSE EXPIRATION DATE

04/30/2026

#### 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:

POC: David Collins (717-770-5623) NRC License: 37-30062-01 ; exp: 30 September 2018

- 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
Matthew Church	Safety Manager, RSO	518-266-5635	matthew.k.church.civ@mail.mil

Mail all future correspondence regarding this license to:

Watervliet Arsenal; Safety Office Bldg. 10; 1 Buffington Street; Watervliet, NY 12189

#### C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE	SIGNATURE	DATE
COL Joseph R. Morrow, Commander		3 MAY 2018

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.

REC'D IN LAT 05/07/2018

608746  
INSTRUMENTAL MATERIALS-002

## Church, Matthew K CIV USARMY TACOM (US)

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**From:** Coppock, Frances M CIV DLA DISTRIBUTION (US)  
**Sent:** Wednesday, April 4, 2018 9:48 AM  
**To:** Church, Matthew K CIV USARMY TACOM (US)  
**Cc:** Prusha, Frank J CIV DLA DISTRIBUTION (US); Schlotter, Gregory S CIV USARMY TACOM (US); Baker, Douglas F CIV USARMY MEDCOM GAHC (US)  
**Subject:** RE: DLA ANAD turn in update

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good morning , I have a list of RAD material we received from you.

1240-01-366-7322 - 1 ea. CC. F  
1240-01-211-3608 - 21 ea .CC. A  
5840-01-642-5687 - 14 ea. CC. F  
5840-01-642-5687 - 32 ea .CC. A  
1290-00-169-1934 - 44 ea. CC A  
6650-01-340-6082 - 228 ea CC A

Any question feel free to call

Frances Coppock  
DSN 5713245  
DDAA Anniston

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**From:** Church, Matthew K CIV USARMY TACOM (US)  
**Sent:** Tuesday, April 03, 2018 10:51 AM  
**To:** Coppock, Frances M CIV DLA DISTRIBUTION (US)  
**Cc:** Prusha, Frank J CIV DLA DISTRIBUTION (US); Schlotter, Gregory S CIV USARMY TACOM (US); Baker, Douglas F CIV USARMY MEDCOM GAHC (US)  
**Subject:** RE: DLA ANAD turn in update

Frances-

Just checking in to see if you were able to get the completed list for the materials we sent down.

Also do you have the NRC license the material is transferring to or is that something Frank can provide to me?

Appreciate the continued support...

Matt

-----Original Message-----

**From:** Coppock, Frances M CIV DLA DISTRIBUTION (US)  
**Sent:** Friday, March 23, 2018 12:37 PM  
**To:** Church, Matthew K CIV USARMY TACOM (US) <matthew.k.church.civ@mail.mil>



**US ARMY TMDE ACTIVITY  
Radiation Standards Laboratory  
WIPE/LEAK TEST ANALYSIS RESULTS**

Report Date: 17 Apr 2018

Page 1 of 2

FROM: US Army Aviation and Missile Command  
AMSAM-TMD-SR-C  
Bldg 5417 Nuclear Counting  
Redstone Arsenal AL 35898-5400

TO: U.S. Army Watervliet Arsenal  
Safety Office TAWV-XO-S  
1 Buffington St  
Watervliet NY 12189

PHONE: 256-876-7666/3839

DSN: 746-7666/3839

E-MAIL: [usarmy.redstone.amcom.mbx.nuclear-counting@mail.mil](mailto:usarmy.redstone.amcom.mbx.nuclear-counting@mail.mil)

PHONE: 518-266-5677

DSN: 374-5677

E-MAIL: [matthew.k.church@us.army.mil](mailto:matthew.k.church@us.army.mil)

Submission ID: F 18101A P3 1810102 L Descr:  
Counting System: LSC-F

Isotope: H-3

Analysis Completed: 17 Apr 2018

Sample Identification	Sample Date	DPM BETA	Microcuries (µCi) BETA
01	04 Apr 2018	0.0	0.000000
02	04 Apr 2018	12.6	0.000006
03	04 Apr 2018	13.4	0.000006
04	04 Apr 2018	11.2	0.000005
05	04 Apr 2018	10.5	0.000005
06	04 Apr 2018	0.0	0.000000
07	04 Apr 2018	0.0	0.000000
08	04 Apr 2018	12.7	0.000006
09	04 Apr 2018	0.0	0.000000
10	04 Apr 2018	13.4	0.000006
Limit of Detection		21.5	0.000010

Report Date: 17 Apr 2018

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US ARMY TMDE ACTIVITY  
Radiation Standards Laboratory  
WIPE/LEAK TEST ANALYSIS RESULTS

Report Date: 17 Apr 2018

Page 2 of 2

Submission ID: F 18101A P3 1810102 L

REMARKS:

Traceability to NIST is provided by the standard(s)/source(s) identified below.

Tritium SN: 1611731, last calibrated date: 26 April 2016

These sample analyses were accomplished in accordance with RSL SOP NC-01, Leak/Wipe Test Analysis Operations, using a liquid scintillation counter calibrated with NIST traceable sources. Supporting documentation relative to NIST traceability is on file and is available for examination upon audit or request. The combined expanded measurement uncertainty for tritium is +/- 10% with a confidence level of 95%. This applies only to the samples analyzed and cannot be used to infer future results of similar samples.

Environmental conditions in the laboratory at the time of measurement were within acceptable ranges: 22 +/- 3 degrees C, 35-70% relative humidity.

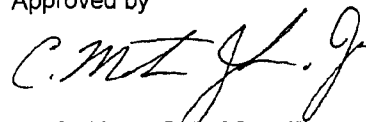
These analyses are accredited to ISO/IEC 17025-2005 by the American Association for Laboratory Accreditation (A2LA Certificate No. 1256.01) and fully comply with the provisions of ANSI/NCSL Z540.1-1994. This report shall not be reproduced except in full without written permission of the Radiation Standards Laboratory.

Analysis Performed by

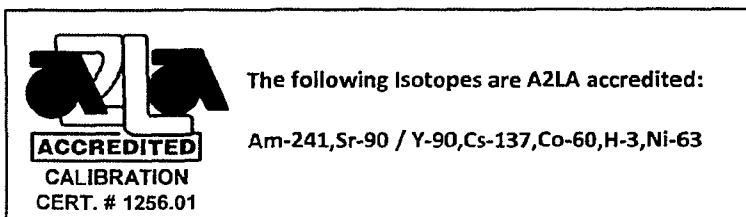


CARLA J. WHITE  
Engineering Technician,  
Nuclear Counting

Approved by



C. MARTIN JOHNSON, JR.  
Senior Radiochemist, Nuclear Counting  
and Special Projects



Report Date: 17 Apr 2018

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## REDSTONE NUCLEAR COUNTING LEAK/WIPE ANALYSIS REQUEST

**Submitting Organization (complete address):**

US ARMY Watervliet Arsenal  
 Safety Office TAWV-XO-S  
 1 Buffington Street  
 Watervliet, NY 12189

*UIC: WOK9AA*

**Mail Samples To:**

US ARMY AVIATION AND MISSILE COMMAND  
 AMSAM-TMD-SR-C  
 BLDG 5417 NUCLEAR COUNTING  
 REDSTONE ARSENAL AL 35898-5000

**Direct Questions/Concerns To:**

CML: 256-876-7666/3839/0472  
 DSN: 746-7666/3839/0472

**Primary Recipient of Analysis Results:**

**Name:** Matthew Church, RSO  
**DSN:** 374-5677 **COML:** 518-266-5677  
**Email:** matthew.k.church.civ@mail.mil

usarmy.redstone.amcom.mbx.nuclear-counting@mail.mil

**Radionuclide (circle):** (H-3 & Ni-63 MUST BE INDIVIDUAL WIPES can NOT be combined with other isotopes)

Gross a/b/g, Am-241, Sr-90/Y-90, Cs-137, Cd-109, Co-57, Co-60, dU, Pu-238, Pu-239, H-3, Ni-63, Other:

**Secondary Recipient of Analysis Results:**

**Name:**  
**DSN:** **COML:**  
**Email:**

**Type:**  Leak Test  Area Wipe  Package

**Facility or Device(s) Being Tested :**

Area Sample (License Survey)

Are these samples being submitted as a result of release of radioactive material from an incident or accident?  
 accident?  Yes  No If Yes, notify this laboratory via phone or email with mail tracking information.

Sample ID/Serial Number	Description of Wipe	Radioisotope	Date of Survey
1	Top Shelf	H-3 ▼	4/4/2018
2	Middle Shelf	H-3 ▼	4/4/2018
3	Bottom Shelf	H-3 ▼	4/4/2018
4	Top of Monitor	H-3 ▼	4/4/2018
5	Column # 1	H-3 ▼	4/4/2018
6	Column # 2	H-3 ▼	4/4/2018
7	Eyewash Station	H-3 ▼	4/4/2018
8	Middle Shelf	H-3 ▼	4/4/2018
9	Column # 4	H-3 ▼	4/4/2018
10	Column # 3	H-3 ▼	4/4/2018
		▼	
		▼	
		▼	
		▼	
		▼	
		▼	

**Remarks:**

Reserved for Laboratory Use

*Matthew Church*  
 RSO/RPO Signature

APR 11 2018  
 ProNumber 1810102L  
 # \_\_\_\_\_ Type \_\_\_\_\_  
 TD \_\_\_\_\_  
 F18101AP3



**ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE**

<b>Name and Address of Applicant and/or Licensee</b>  Department of the Army ATTN: Lee H. Schiller, Jr., Commander 1 Buffington Street Watervliet Arsenal Watervliet, NY 12189-4000	<b>Date</b> May 10, 2018
	<b>License Number(s)</b> 31-07595-02
	<b>Mail Control Number(s)</b> 608746
	<b>Licensing and/or Technical Reviewer or Branch</b> Commercial, Industrial, R&D, & Academic Branch

This is to acknowledge receipt of your:  Letter and/or  Application Dated: 05/03/2018

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 I**  
**U. S. Nuclear Regulatory Commission**  
**Division of Nuclear Materials Safety**  
**2100 Renaissance Boulevard, Suite 100**  
**King of Prussia, PA 19406-2713**  
**(610) 337-5260, (610) 337-5313,**  
**(610) 337-5398, or (610) 337-5239**