



DEPARTMENT OF THE ARMY  
U.S. ARMY MEDICAL RESEARCH INSTITUTE OF CHEMICAL DEFENSE  
8350 RICKETTS POINT ROAD  
ABERDEEN PROVING GROUND, MD 21010-5400

REPLY TO  
ATTENTION OF

*Br. Z*

U.S. Nuclear Regulatory Commission  
Region I DNMS Kucebsubg Assistance Team  
2100 Renaissance Boulevard  
King of Prussia, PA 19406

License No: 19-00294-24 *103031110*

Dear Sir/Madame:

This letter is to request the termination of item G, Nickel 63 Sealed sources be removed from the license along with the fee to that category. The US Army has determined that the research conducted at this institute will not require the possession, use or storage of that type of radioactive material. This statement is supported by two receipt of shipment files and one shipment document. One receipt is from the US Army Joint Munitions Command at Rock Island, and the other two documents support the Pine Bluff shipment and receipt of materials.

Point of contact is Travis W. Lindeblad, Radiation Safety Officer. I may be reached at (410)436-1831 or e-mail at [travis.w.lindeblad.civ@mail.mil](mailto:travis.w.lindeblad.civ@mail.mil).

9/4/2019

**X** Travis W. Lindeblad

Travis W. Lindeblad

RSO

Signed by: LINDEBLAD.TRAVIS.WILLIAM.1094612132

*Rec'd. in LAT-09/04/2019*

*615304*  
UNCLASSIFIED MATERIALS-002



DEPARTMENT OF THE ARMY  
JOINT MUNITIONS COMMAND  
SAFETY AND RISK MANAGEMENT DIRECTORATE  
MORRIS CONSOLIDATION FACILITY  
BUILDING 170, 3336 BECK AVENUE  
ROCK ISLAND, IL 61299-5000

REPLY TO  
ATTENTION OF:

AMSJM-SF

09 Aug 2019

MEMORANDUM FOR Patrick Eures6642 Pistol Road, Building 5115 Aberdeen Proving Ground, MD 21005

SUBJECT: Shipping Instructions for Excessed Radioactive Items, Authorization Number RI9221-570, Project Number USA 2019-053

1. We have reviewed your submitted inventory of excessed radioactive items and approve the items on the attached inventory for shipment to the Joint Munitions Command (JMC) Morris Consolidation Facility (MCF) for processing and disposition. Ship only the approved items.
2. We have assigned authorization number RI9221-570 to your shipment. Annotate this number on all correspondence, forms, and shipping documents and mark the authorization number on the shipping container(s).
3. You must ship the items by 23 Sep 2019 or obtain an extension from Mr. Calvin Brownlow, MCF Radiation Safety Officer, or the JMC project manager listed below. Per 49 CFR 172.704(c), the shipper must complete initial and/or recurrent Department of Transportation radioactive material shipping training before shipment of the container(s).
4. Please direct questions to the JMC Safety and Risk Management Directorate, AMSJM-SF, Project Manager, Tyler Werke, at 309-782-0723, email [tyler.a.werke.civ@mail.mil](mailto:tyler.a.werke.civ@mail.mil) or Mr. Calvin Brownlow, DSN 793-1046 or commercial (309) 782-1046, email [calvin.brownlow2.civ@mail.mil](mailto:calvin.brownlow2.civ@mail.mil).

*Calvin Brownlow Jr.*  
CALVIN BROWNLOW, Jr.  
MCF Radiation Safety Officer  
Risk Management Division

Encl  
CF: Mike Kurth, AMSJM-SFR

AMSJM-SF

SUBJECT: Shipping Instructions for Excessed Radioactive Items, Authorization Number RI9221-570, Project Number USA 2019-053

### GENERAL INSTRUCTIONS

You are authorized to ship the listed items on the attached inventory. **DO NOT** add items without prior approval from the JMC project manager.

**DO NOT** ship the container(s) without the authorization number, project number, complete inventory, and your installation point of contact (POC) with telephone number on the shipping paperwork. Your shipment may be rejected and returned if this information is not provided.

**DO NOT** ship the radioactive material with other hazardous material such as chemicals, heavy metals, or explosives.

**DO NOT** ship liquids in other than incidental amounts such as leveling vials on fire control devices.

**DO NOT** ship biological materials.

Specific guidelines for shipping your excepted package as an Instrument or Article or a Limited Quantity to the MCF are provided in the appendix, "Excepted Package Shipment Quality Assurance Checklist."

Pack your approved inventory of items in an excepted package(s), such as a metal drum or fiberboard/cardboard box. You may use an inner container(s) to place in an outer shipping container.

The dose rate measured from the external surface of the shipping container must be less than or equal to 0.005 mSv/hr (0.5 mrem/hr). Removable contamination levels on the shipping container external surface cannot exceed Department of Transportation limits in 49 CFR, 173.443, Table 9:

Beta/gamma	240 dpm/cm <sup>2</sup>
Alpha	24 dpm/cm <sup>2</sup>

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SUBJECT: Shipping Instructions for Excessed Radioactive Items, Authorization Number RI9221-570, Project Number USA 2019-053

Ship the package(s) to the following address:

Joint Munitions Command  
Morris Consolidation Facility  
RI9221-570  
AMSJM-SF, Building 170  
3336 Beck Avenue  
Rock Island, IL 61299-5000

Note: Do not use the U.S. Postal Service (USPS) to mail your shipment. Do ensure your carrier knows you are shipping radioactive material.

Within 24 hours of shipping the container(s), please notify Mr. Brownlow at DSN 793-1046 or commercial (309) 782-1046, and send email notification to [calvin.brownlow2.civ@mail.mil](mailto:calvin.brownlow2.civ@mail.mil) and the JMC project manager listed in the cover memorandum.

The carrier must call the MCF at (309) 782-1046 before delivery to ensure personnel are on-site to accept the shipment.

#### Authorized Items

Isotope	Quantity	Actual(mCi)	Total(mCi)	Weight(g)	Item Info
Ni63	1	10	10	0	6665-01-564-1834 APD 2000

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SUBJECT: Shipping Instructions for Excessed Radioactive Items, Authorization Number RI9221-570, Project Number USA 2019-053

APPENDIX I

Excepted Package Shipment Quality Assurance Checklist

Joint Munitions Command (JMC)

Morris Consolidation Facility (MCF)

April 2017

Date: 8/19/19

Shipping Installation: ABERDEEN PROVINT 6-RDND

MCF Authorization Number: RI9221-570

**Completion of this checklist does not relieve the shipper of 49 CFR Transportation Subpart H training requirements. The shipper must submit the completed checklist to the JMC project manager or MCF personnel listed on the MCF Authorization before scheduling shipment. Contact the JMC project manager if you answer any questions as "No," or if you need assistance completing the checklist.**

Yes No

TRAINING

Has the person preparing this shipment received radioactive material shipping training within the last 3 years? (49 CFR 172.704)

Have you provided the JMC project manager your certificate of training?

Yes No

PACKAGING

For each package, has the content total activity per radionuclide been compared to and is less than, limits applicable to instruments and articles, and limited quantities set forth in 49 CFR 173.425 Table 4? (see 49 CFR 173.435 table of A<sub>1</sub> and A<sub>2</sub> values for radionuclides)

**NOTE: If there are multiple radionuclides in the same package, perform the unity calculation to ensure compliance. (49 CFR 173.433)**

Are you using new or unused container(s) for the shipment? If not, have you verified the previously used container(s) are below the Department of Transportation removable contamination limits: less than 240 dpm/cm<sup>2</sup> beta and gamma emitters and low toxicity alpha emitters; and less than 24 dpm/cm<sup>2</sup> for all other alpha emitters? (49 CFR, 173.443, Table 9)

Have all removable non-radioactive components associated with the radioactive device been removed, e.g., batteries, lanyards attached to compasses, carrying case housing the device, canvas or nylon covers, tripods for fire control devices, non-radioactive parts of a kit such as RADIAC meters without check sources, and excess packing material?

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NOTE: DO NOT DISASSEMBLE THE COMMODITY TO REMOVE THE RADIOACTIVE SOURCE.

Are the radioactive items properly cushioned in the shipping container(s) to minimize shifting and prevent breakage during transport? DO NOT use dispersible packing material/dunnage such as Styrofoam peanuts or vermiculite.

Inspect all devices for physical integrity. For suspected broken, leaking, or contaminated items, is the item double bagged in plastic, such as a clear Ziploc bag, and the condition of the item written (using Sharpie-type pen) on the outside bag?

If your shipment contains radium-226 (Ra226), are those items packed in a separate container? For example, you can put the Ra226 items in a paint can with sealed lid and marked with contents and place that in the middle of the larger shipping container. Check "Yes" if there is no Ra226 in the shipment.

Does each package include an accurate inventory of its contents? Affix an inventory of the container contents to the outside of the package in a document holder or equivalent.

#### RADIATION SURVEY RESULTS

Survey Instrument Used: *DSM-500*

Manufacturer:

Model: *DSM-400*

Serial Number: *10003*

Calibration Date: *13-SEP-18*  
*Doc* *8-SEP-19*

Highest Surface Reading (all sides, including bottom, of package) Beta/Gamma: \_\_\_\_\_ mrem/hr

Yes No

Are the radiation levels on the external surface of the package  $\leq 0.005$  mSv/hr (0.5 mrem/hr)?

Is the radiation level at 10 cm (4 in) from any point on the external surface of any unpackaged instrument or article  $\leq 0.1$  mSv/hr (10 mrem/hr)?

Yes No

#### PACKAGE MARKINGS

Is the UN identification number affixed to the side of the package (UN 2911 for Instrument or Article, or UN2910 for Limited Quantity)?

Have you marked the gross weight in kilograms on packed containers?

Note: 2.2 lb = 1kg. Divide weight in lb by 2.2 to obtain kg.

Are the return address, POC, email, and telephone number affixed to the package?

Is the MCF authorization number affixed to the exterior of the package(s)?

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For Official Use Only

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SUBJECT: Shipping Instructions for Excessed Radioactive Items, Authorization Number RI9221-570, Project Number USA 2019-053

Is the ship-to address the exact address provided in the MCF authorization?

**IMPORTANT:** If you checked "No" for any item above, contact your JMC project manager for further instructions.

As the trained person who prepared the shipment and completed this checklist, your signature verifies the above information is valid and accurate.

Printed Name: *PATRICK EVANS*

Signature: *Patrick Evans*

**NOTE:** Your shipment to the MCF will be inspected for compliance with Department of Transportation requirements. The contents of each container will be verified for agreement with your container inventory and the shipment inventory on the MCF authorization. Any radioactive item received that was not approved for shipment, may be returned to you. JMC will provide a written report of discrepancies.

**SHIPPER INVENTORY - INSPECTION- AND SURVEY FORM**

SHIPMENT NUMBER: USA 2019-053 Page Number 1 Of 1

PKG NUMBER: APG-1 CONTAINER WEIGHT: 7.9 Lbs

RADIATION LEVEL ON CONTAINER SURFACE (Mr/HR OR MsV/HR): 3.0 UR/HR

RADIOACTIVE CONTAMINATION LEVEL ON CONTAINER SURFACE <24 / <240 (dpm/100 cm2)

TYPE OF CONTAINER LABELS: UN2911

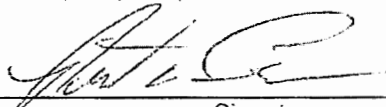
No.	Nomenclature	NSN	QTY	Isotope	Activity mCi	Total Act. mCi	Weight lbs	Volume cu ft	Other info (as needed)
1	APD2000		1	Ni-63	10	10			Serial #: 2977
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13				Total	10	mCi			
14					3.70E+02	MBq			
15									
16									
17									
18									
19									
20									

INSTRUMENT TYPE: DSM-400

CALIBRATION DATE: 13-SEP-18  
8-SEP-19

INSPECTED BY: Patrick A. Eures

As Installation Radiation Safety Officer or designee, I certify based on direct observation or performance, that the listed inventory is accurate and correct to the best of my knowledge, and that no free standing liquids or hazardous materials (such as lead paint) are present.

  
Signature

8/19/19  
Date



776016054963

# Delivered

## Wednesday 8/21/2019 at 9:40 am

**DELIVERED**

Signed for by: M.WILSON

GET STATUS UPDATES

OBTAIN PROOF OF DELIVERY

**FROM**  
APG, MD US

**TO**  
PINE BLUFF, AR US

### Shipment Facts

<b>TRACKING NUMBER</b> 776016054963	<b>SERVICE</b> FedEx 2Day	<b>WEIGHT</b> 19 lbs / 8.62 kgs
<b>DIMENSIONS</b> 15x14x15 in.	<b>DELIVERED TO</b> Shipping/Receiving	<b>TOTAL PIECES</b> 1
<b>TOTAL SHIPMENT WEIGHT</b> 19 lbs / 8.62 kgs	<b>TERMS</b> Shipper	<b>PACKAGING</b> Your Packaging
<b>SPECIAL HANDLING SECTION</b> Deliver Weekday	<b>STANDARD TRANSIT</b> 8/21/2019 by 4:30 pm	<b>SHIP DATE</b> Mon 8/19/2019

**ACTUAL DELIVERY**  
Wed 8/21/2019 9:40 am

### Travel History

Local Scan Time

Wednesday, 8/21/2019		
9:40 am	PINE BLUFF, AR	Delivered
7:42 am	LITTLE ROCK, AR	On FedEx vehicle for delivery
7:06 am	LITTLE ROCK, AR	At local FedEx facility
Tuesday, 8/20/2019		
5:30 pm	MEMPHIS, TN	Departed FedEx location
Monday, 8/19/2019		
8:30 pm	BALTIMORE, MD	Left FedEx origin facility
8:21 am	BALTIMORE, MD	Delivered



REPLY TO  
ATTENTION OF:

DEPARTMENT OF THE ARMY  
UNITED STATES ARMY TACOM LIFE CYCLE MANAGEMENT COMMAND  
6501 EAST 11 MILE ROAD  
WARREN, MICHIGAN 48397-5000

AMSTA-LCS-CPD

13 August 2019

MEMORANDUM FOR:

SUBJECT: Disposition instructions for Improved Chemical Agent Monitor (ICAM), Modified Chemical Agent Monitor (MCAM), Chemical Agent Monitor (CAM), LIN C05701

Reference

Turn-in Document Number	NSN	Serial Number	QTY
-------------------------	-----	---------------	-----

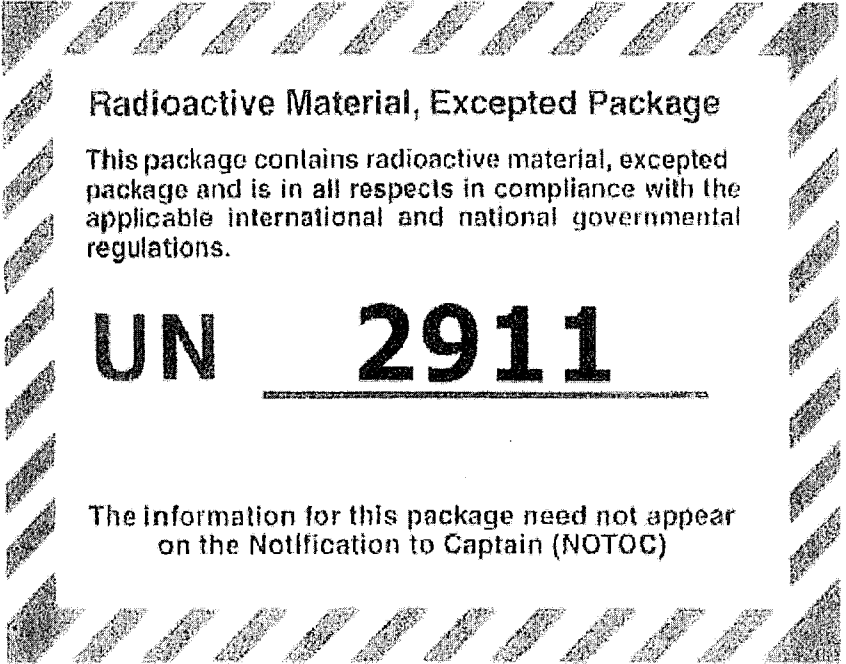
The turn in standard for the ICAM/MCAM/CAM is "as is" condition. Basic Issue Items (BII) and Components of End Items (COEI) as listed in Chapter 5 of Technical Manual (TM) 3-6665-343-10 (dated 13 February 2004) may be turned in, if on hand.

1. Remove the lithium-sulfur dioxide battery from the body of the monitor before shipping. Lithium-sulfur dioxide batteries are hazardous material and must be disposed of through your environmental coordinators office.
2. The person preparing the shipment MUST be certified in shipping radioactive material in accordance with 49 CFR Transportation, Part 172, subpart H, Training. The transportation officer, installation radiation safety officer (RSO), or unit RSO at shipping origin MUST be certified in making radioactive shipments.
3. Contact your installation/mission Radiation Safety Officer (RSO) and the TACOM LCMC System Safety Office Nuclear Regulatory Commission (NRC) License Manager /RSO in paragraph 17 for coordination in shipping the radioactive commodities. The installation/mission RSO will be responsible for assuring the devices are properly packaged and shipped in accordance with 49 CFR, Part 173.424 and Part 172.
4. Government Bill of Lading (GBL) is the preferred method of shipping freight within the military supply system. The GBL must list the items being shipped to include quantity. The government contracted carrier must have a method of tracking the shipment. A loss of any shipment containing CDE is a reportable event to the NRC.
5. The alternative method of shipment is by FedEx Express package or Express freight services. FedEx shipments require a US Air bill form. Ensure weight of package does not exceed weight limit established by shipping carrier. Freight for Fed Ex shipment is limited to 150 lbs per package. Whenever possible use FED Ex Airbill shipments. Shipment must be made by traceable means.
6. The losing unit is responsible for ensuring the CAM /MCAM/ICAM is removed from the local hand receipt and property book record in GCSS ARMY/DPAS. The PBO must initiate an "asset adjustment" in GCSS ARMY/DPAS, generating a 1348-1A ISSUE RELEASE/RECIEPT DOCUMENT, which is to be included in all shipments. The removal from GCSS ARMY/DPAS will occur when PBA returns a signed 1348-1 back to the submitting organization. PBA verifies received shipment before CAMs/MCAMs/ICAMs are removed from GCSS ARMY/DPAS. The submitting organization must include a valid e-mail and name on the submitted 1348-1's so that a signed 1348-1 can be provided to them. Also, all shipping documentation to include the 1348's will be with the shipment. Submitting organizations can also e-mail the documentation, but they have to have documentation with the shipment.

7. If possible, consolidate unit shipments at installations and garrisons or at higher command levels to reduce manpower commitments and reduce shipment issues.
8. Place the commodity(s) into a new shipping container. Package must be designed so that:
  - a. It can be easily handled and properly secured in or on transport conveyance.
  - b. As far as practicable, external surface must be free from protruding features and easily decontaminated.
  - c. Outer layer of packaging avoids pockets or crevices where water might collect.
  - d. It can withstand acceleration and vibration without causing deterioration
  - e. Add packaging material if needed to prevent the devices from being jostled during shipment.
9. Label each shipping package with a clear **ship to** and **ship from** address. The DODAAC must be included on the ship to address.
10. Each shipping container must have a "UN 2911" label attached on opposite sides of the shipping container. See Attachment 1.
11. Shipping documents must indicate the following Department of Transportation (DOT) shipping name: "UN 2911, RADIOACTIVE MATERIALS, INSTRUMENTS, EXCEPTED PACKAGE"
12. If devices are being shipped **from** a depot, the Serialization Officer must assure an "S" (shipping) transaction is entered into the DODRATTS database Unique Item Tracking (UIT) through LOGSA. The serial numbers of each device (Z16-M or Z47-M) and accompanying radioactive sealed sources (Z16-C or Z47-C) must be listed on the shipping papers.
13. Ensure a Radioactive Material Movement Form (RMMF), Attachment 2, is filled out by the unit RSO or Garrison installation RSO prior to shipment and is provided with the shipment. A copy of the RMMF must be maintained by the RSO.
14. **Owning Units are responsible for the cost of turn in.**
15. Shipping information:

DODAAC: W41CE8  
ATTN: Sheila Bishop (Com) (870) 540-3438  
ARMY FIELD SERVICE ACCT  
CRSP, BLDG 53-990, 507<sup>TH</sup> STREET  
PINE BLUFF AR 71602-9500
16. TACOM LCMC (Warren) POC is Carol Karl, AMSTA-LCS-CPD, DSN 786-7098 or COM 586-282-7098, email: [carol.l.karl2.civ@mail.mil](mailto:carol.l.karl2.civ@mail.mil).
17. TACOM-RI LCMC (Warren) NRC License Manager / RSO is Earl (Joe) Hart, AMSJM-SF, DSN 793-1124, commercial (309) 782-1124, email [earl.j.hart.civ@mail.mil](mailto:earl.j.hart.civ@mail.mil)

Carol Karl  
Contamination Avoidance Team  
TACOM LCMC (Warren)  
DSN 789-7098 Com 586-282-7098



**Radioactive Material, Excepted Package**

This package contains radioactive material, excepted package and is in all respects in compliance with the applicable international and national governmental regulations.

**UN 2911**

The information for this package need not appear on the Notification to Captain (NOTOC)

Attachment 2

RADIOACTIVE MATERIAL MOVEMENT FORM

<b>SHIP TO:</b> DODAAC: W41CEB ATTN: Sheila Bishop (Comm 870-540-3438) Army Field Service Acct. CRSP, Bldg. 507 <sup>th</sup> Street Pine Bluff, AR 71602-9500	<b>SHIP FROM:</b> US Army Aberdeen Proving Ground for MRICD 6642 Pistol Road APG, MD 21005
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(Check one only).

NOMENCLATURE/

DEVICE: M8A1/M43A1 \_\_\_\_\_ ISOTOPE: Americium 241 \_\_\_\_\_ Form: Solid Sealed Source Special Form  
           M22/M88  \_\_\_\_\_ Nickel 63 \_\_\_\_\_ Form: Solid Sealed Source Special Form  
 MCAM/ CAM / ICAM  \_\_\_\_\_ Nickel 63 \_\_\_\_\_ Form: Solid Sealed Source Special Form

MODE OF SHIPMENT: Air \_\_\_\_\_ Rail \_\_\_\_\_ Parcel Post \_\_\_\_\_  
                           Truck \_\_\_\_\_ Water \_\_\_\_\_ Other FedEx

PACKAGE CONTENT(S): 6665-01-357-8507 1 ea. ICAM  
 1. NSN: 6665-00-859-2215 NOUN: 1 ea. GID-3 M22 ACADA

SERIAL NUMBERS: ICAM: Z47-M-00030,  
                           ACADA: GY1 965-D-00047G, GY1-965-D-00047H

2. Activity (TBq) in each device: M8A1/M43A1=9.25E-06TBq M22/M88=1.11E-03TBq MCAM/CAM/ICAM=5.55E-04 TBq

Total Activity (TBq) of Packages:# \_\_\_\_\_ M8A1/M43A1 x 9.25E-06 TBq = \_\_\_\_\_ TBq  
   # 1 M22 / M88 x 1.11E-03 TBq= 7.4E-4 TBq  
   # 1 CAM / ICAM x 5.55E-04 TBq 3.7E-4 TBq

3. Unpackaged device reading at 4": see below      Packaged surface Reading: see below  
     (Less than 0.1 mSv/hr OR 10mrem/hr)      (Less than 0.005mSv/hr OR 0.5mrem/hr)

4. Removable radioactive contamination of package is in accordance with 49 CFR Part 173.443 Table 9.

Note: Transport wipe test of package is not required if a new package is used for shipment  
 Contamination limits: Less than 4 Bq/cm<sup>2</sup> or 240dpm/cm<sup>2</sup> for beta and gamma emitters and low toxicity alpha emitters, and less than 0.4 Bq/cm<sup>2</sup> or 24dpm/cm<sup>2</sup> for all other alpha emitting radio-nuclides.

5. Ensure package is marked with DOT "UN2911"(red boarder) label and complete "ship to" and "ship from" mailing address.

6. Proper shipping name: "UN2911, EXCEPTED PACKAGE, INSTRUMENTS, & ARTICLES 7"

7. Approving official Printed & Signature Patrick A. Eures   
 (INSTALLATION/UNIT RADIATION SAFETY OFFICER OR TRANSPORTATION OFFICER)

Date: 8/19/19  
       8/15/19  
 EMERGENCY PHONE NUMBER: (TACOM LCMC NRC LICENSEE)  
 Commercial (586)282-7635 /6294      DSN prefix (786)

**SHIPPER INVENTORY - INSPECTION- AND SURVEY FORM**

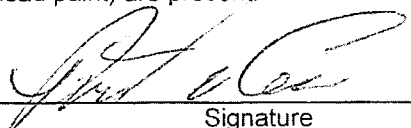
SHIPMENT NUMBER: USA 2019-053-PBA Page Number 1 Of 1  
 PKG NUMBER: APL-1 CONTAINER WEIGHT: 18.0 Lbs, 8.2 kg  
 RADIATION LEVEL ON CONTAINER SURFACE (Mr/HR OR MsV/HR): 3 uR/hr  
 RADIOACTIVE CONTAMINATION LEVEL ON CONTAINER SURFACE <24 / <240 (dpm/100 cm2)

TYPE OF CONTAINER LABELS: UN2911

No.	Nomenclature	NSN	QTY	Isotope	Activity	Total Act.	Weight	Volume	Other info (as needed)
					mCi	mCi	lbs	cu ft	
1	ICAM		1	Ni-63	10	10	18	1.5	Z47-M-00030
2	M22 ACADA		1	Ni-63	20	20			GY1 965-D-00047G
3									GY1 965-D-00047H
4									
5									
6									
7									
8									
9									
10									
11									
12									
13				Total	30	mCi			
14					1.11E+03	MBq			
15									
16									
17									
18									
19									
20									

INSTRUMENT TYPE: DSM-400 CALIBRATION DATE: 13-SEP-18  
 INSPECTED BY: Patrick A. Eures DJE 8-SEP-19

As Installation Radiation Safety Officer or designee, I certify based on direct observation or performance, that the listed inventory is accurate and correct to the best of my knowledge, and that no free standing liquids or hazardous materials (such as lead paint) are present.

  
 Signature

8/19/19  
 Date



**ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE**

<b>Name and Address of Applicant and/or Licensee</b>  Department of the Army ATTN: Dennis G. Descarreaux, Colonel 8350 Rickets Point Road Aberdeen Proving Ground, MD 21010-5400	<b>Date</b> September 9, 2019
	<b>License Number(s)</b> 19-00294-24
	<b>Mail Control Number(s)</b> 615314
	<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: 09/04/2019

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**