

February 8, 2017

U. S. Nuclear Regulatory Commission, Region III
Division of Nuclear Materials Safety

Subject: Mail Control No. 592544

Dear Mr. Tran:

We are requesting a listed source on our license be removed from license number 24-24576-01. We sent in documents supporting the request to remove Cs-137 from our license on 11-26-16. The included documents with this cover letter reflect the last leak tests performed on the 15 sealed sources contained in the Nuclear Research Corporation Model PLG-4.

We also requested Kyle Baker be listed as an Authorized User on the License. At this time, we would like to remove the request to add Mr. Baker as a User until we can provide training meeting NUREG-1556, Volume 4

If you have any question pertaining to the information contained in this letter or the leak testing records, please contact me at 816-504-7535 or email address ricky.thompson@orbitalatk.com

Sincerely,



Rick Thompson
Radiation Safety Officer
Alliant ATK
Lake City Ammunition Plant
Independence, Mo.

Encl:

1. Leak testing records

RECEIVED FEB 09 2017

REDSTONE NUCLEAR COUNTING LEAK/WIPE ANALYSIS REQUEST

Submitting Organization (complete address):

ATK Lake City Army Ammunition Plant
 B1 Mz Safety Radiation Protection Officer
 PO Box 1000
 Independence MO 64051-1000

Mail Samples To:

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

Email: redstone.nuclear.counting@conus.army.mil

Direct Questions/Concerns To:

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

Primary Recipient of Analysis Results:

Name: Trent Trutzel
 DSN: **COML: 816-796-7101 x7571**
 Email: trent.trutzel@atk.com

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 Co-60
 H-3 Ni-63 dU Other: Co-57

Secondary Recipient of Analysis Results:

Name: Mike Morton
 DSN: **COML: 816-796-5566**
 Email: Mike.Morton@ATK.com

Type: Leak Test Area Wipe Package

Facility or Device(s) Being Tested:

Sample ID/Serial Number	Description of Wipe	Radioisotope	Date of Survey
1399C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1400C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1401C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1402C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1403C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1404C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1408C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1409C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1410CL	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1411C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1412C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1413CL	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1414C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1415C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
1416C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	4/4/2011
15014	JL SHEPHERD MODEL 492 SRC HOUSING SN 151014	Am-241	4/4/2011

Remarks:

The following units are in storage: 1413 CL, 1412C, 1411C, 1408C,
 1409C, & 1401CL

Reserved for Laboratory Use

RECEIVED

APR 11 2011

Pro number **111091434450**

15 Type DS

Trent Trutzel 4/5/2011
 RSO/RPO Signature

#010 P.003/006
02/09/2017 05:17

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

GP Analysis Date: 20 Apr 2011

Page 1 of 4

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

PHONE: 256-876-7666/3839/0472, DSN 746-7666/3839/0472

FAX: 256-876-3816, DSN 745-3816

E-MAIL: redstone.nuclear.counting@conus.army.mil

TO: ATK Lake City Army Ammunition Plant
 B1 Mz Safety Radiation Protection Officer
 PO Box 1000
 Independence, MO 64051-1000

PHONE: 816-796-7101 x7571; 816-796-5566

DSN:

E-MAIL: trent.trutzel@atk.com; mike.morton@atk.com

Submission ID: 111091434450 Descr: B1 NUC RES MODEL PLG-4S

Counting System: GP (8503)

Analysis Completed: 20 Apr 2011

Samples Tested for Cs-137

Sample Identification	Sample Date	DPM			Microcuries (uCi)		
		ALPHA	BETA	GAMMA	ALPHA	BETA	GAMMA
1399C	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1400C	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1401C	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1402C	04 Apr 2011		3.0	0.0		0.0000014	0.0000000
1403C	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1404C	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1408C	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1409C	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1411C	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1412C	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1401CL	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
1413CL	04 Apr 2011		0.0	0.0		0.0000000	0.0000000
Limit of Detection for Cs-137			5.9	86.4		0.0000026	0.0000389

GP Analysis Date: 20 Apr 2011

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From:

REDSTONE NUCLEAR COUNTING LEAK/WIPE ANALYSIS REQUEST

Submitting Organization (complete address):

ATK Lake City Army Ammunition Plant
 B1 Mz Safety Radiation Protection Officer
 PO Box 1000
 Independence MO 64051-1000

Mail Samples To:

US ARMY AVIATION AND MISSILE COMMAND
 AMSAM-TMD-SR-C
 BLDG 5417 NUCLEAR COUNTING
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 Email: trent.trutzel@atk.com

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 WIPEs can NOT be combined with other isotopes)

Gross a/b/g Am-241 Sr-90/Y-90 Cs-137 Co-60
 H-3 Ni-63 dU Other: Co-57

Secondary Recipient of Analysis Results:

Name: Mike Morton
 DSN: COML: 816-796-5566
 Email: Mike.Morton@ATK.com

Type: Leak Test Area Wipe Package

Facility or Device(s) Being Tested:

Sample ID/Serial Number	Description of Wipe	Radioisotope	Date of Survey
1414C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	6/14/2011
1415C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	6/14/2011
1416C	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	6/14/2011
1410CL	B1 NUCLEAR RESEARCH CORP MODEL PLG-4S	Cs-137	6/14/2011
15025	JL SHEPHERD MODEL 492 SRC HOUSING	Am-241	6/14/2011
15026	JL SHEPHERD MODEL 492 SRC HOUSING	Am-241	6/14/2011
15023	JL SHEPHERD MODEL 492 SRC HOUSING	Am-241	6/14/2011
15024	JL SHEPHERD MODEL 492 SRC HOUSING	Am-241	6/14/2011
15022	JL SHEPHERD MODEL 492 SRC HOUSING	Am-241	6/14/2011
15020	JL SHEPHERD MODEL 492 SRC HOUSING	Am-241	6/14/2011
15027	JL SHEPHERD MODEL 492 SRC HOUSING	Am-241	6/14/2011
15021	JL SHEPHERD MODEL 492 SRC HOUSING	Am-241	6/14/2011
15028	JL SHEPHERD MODEL 492 SRC HOUSING	Am-241	6/14/2011

Remarks:

Unit 1410CL is in storage

Trent Trutzel 6/15/2011
 RSO/RPO Signature

Reserved for Laboratory Use

RECEIVED

JUN 20 2011

Pro Number: 111720906580

13 WC Type

TD US

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

GP Analysis Date: 23 Jun 2011

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

TO: ATK Lake City Army Ammunition Plant
B1 Mz Safety Radiation Protection Officer
PO Box 1000
Independence, MO 64051-1000

PHONE: 256-876-7666/3839/0472, DSN 746-7666/3839/0472

PHONE: 816-796-7101 x7571; 816-796-5566

FAX: 256-876-3816, DSN 745-3816

DSN:

E-MAIL: redstone.nuclear.counting@conus.army.mil

E-MAIL: trent.trutzel@atk.com; mike.morton@atk.com

Submission ID: 111720906580 Descr: B1 NUCLEAR RESEARCH CORP

Counting System: GP (8503)

Analysis Completed: 23 Jun 2011

Samples Tested for Cs-137

Sample Identification	Sample Date	DPM			Microcuries (uCi)		
		ALPHA	BETA	GAMMA	ALPHA	BETA	GAMMA
1414C	14 Jun 2011		0.0	0.0	0.0000000	0.0000000	
1415C	14 Jun 2011		0.0	0.0	0.0000000	0.0000000	
1416C	14 Jun 2011		0.0	0.0	0.0000000	0.0000000	
1410CL	14 Jun 2011		0.0	0.0	0.0000000	0.0000000	
Limit of Detection for Cs-137			5.4	76.0	0.0000024	0.0000342	

Submission ID: 111720906580 Descr: JL SHEPHERD MODEL 492 SRC

Counting System: GP (8503)

Analysis Completed: 23 Jun 2011

Samples Tested for Am-241

Sample Identification	Sample Date	DPM			Microcuries (uCi)		
		ALPHA	BETA	GAMMA	ALPHA	BETA	GAMMA
15020	14 Jun 2011	1.0			0.0000005		
15021	14 Jun 2011	0.0			0.0000000		
15022	14 Jun 2011	0.0			0.0000000		
15023	14 Jun 2011	0.0			0.0000000		
15024	14 Jun 2011	0.0			0.0000000		
15025	14 Jun 2011	0.0			0.0000000		

GP Analysis Date: 23 Jun 2011

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