

Aptuit, LLC
10245 Hickman Mills Drive, Dock 5
Kansas City, MO 64137

December 6, 2013

VIA OVERNIGHT, DELIVERY RECEIPT REQUESTED

Sara Forster
Health Physicist Licensing Reviewer
Region III - Division of Nuclear Materials Safety
Nuclear Regulatory Commission
2443 Warrenville Road Suite 210
Lisle, Illinois 60532

**Re: Follow up to information request dated November 22, 2013 and our response dated December 5, 2013.
Docket Number: 030-09415 and Control Number: 582236
Aptuit Radioactive Material License No. 24-15595-01**

Dear Ms. Forster:

Aptuit would like to change our possession limits to 50 mCi of C-14 and 60 mCi H-3. Additionally, we would like to request the cancellation of our financial assurance as we are now at possession limits below the requirements of financial assurance.

The ARC shipment confirmation will be sent in a second email. The indicated documents from ARC will have a greater activity indicated as it represents more shipments than the two that were indicated to you.

Please let me know if you require any additional information or if I can be of further assistance. Please contact me by cell phone at (816) 769-4382.

Sincerely,



Clinton Gregg
Radiation Safety Officer

Aptuit Scientific Operations, LLC

cc. Michael LaFranzo, NRC
Navid Tehrani, NRC
Zachary Peckham, Shaw Environmental
Rick Greene, Shaw Environmental

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Sincerely,



Clinton Gregg
Radiation Safety Officer

Clinton J. Gregg

From: Donald Lite <radsafety@arc-inc.com>
Sent: Friday, December 06, 2013 3:07 PM
To: Clinton J. Gregg
Subject: Re: Shipments
Attachments: ARC_APTUIT_contents_20120417.jpg; ARC_APTUIT_contents_P1_20120418.jpg;
ARC_APTUIT_contents_P2_20120418.jpg; ARC_APTUIT_DG_20120417.jpg;
ARC_APTUIT_DG_20120418.jpg

Here are scans of the DG forms and the inventory of the contents that we took.

Donald Lite
Deputy Radiation Safety Officer
American Radiolabeled Chemicals, Inc.
101 Arc Drive
St. Louis, MO 63146
P: (314) 991-4545
F: (314) 991-4692

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

From: Clinton J. Gregg
To: Donald Lite
Sent: Friday, December 06, 2013 2:03 PM
Subject: Shipments

Shipments were sent April 16 and 17, 2012 for delivery on the 17 and 18. Federal Express tracking numbers:
479349085780 for 589.5 mci
479349085790 for 5484 mCi

Clinton J Gregg
Radiation Safety Specialist II
Aptuit


10245 Hickman Mills Drive
Kansas City, MO 64137
USA

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Aptuit, LLC, a Delaware limited liability company with its principal executive offices at Two Greenwich Office Park, Greenwich, CT, 06831.

Shipper Clint Gregg Aptuit - Dock 5 10245 HICKMAN MILLS DRIVE KANSAS CITY MO 641371418 US	Air Waybill No. 479349085768 Page 1 of 1 Page(s) Shipper's Reference Number (optional)
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Consignee Attn: RSO Regis Greenwood American Radiolabeled Chemicals, In 100 ARC Drive ST. LOUIS MO 63146 US	
---	--

<i>Two completed and signed copies of this Declaration must be handed to the operator</i>		WARNING Failure to comply with all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.
TRANSPORT DETAILS		
This shipment is within the limitations prescribed for: (delete non applicable)	Airport of Departure KANSAS CITY	Shipment type: (delete non applicable) <input checked="" type="checkbox"/> RADIOACTIVE
<input checked="" type="checkbox"/> PASSENGER AND CARGO AIRCRAFT	Airport of Destination: ST. LOUIS NAZSVA	

NATURE AND QUANTITY OF DANGEROUS GOODS
UN Number or identification Number, proper shipping name, Class or Division (subsidiary risk), packing group (if required), and all other required information.

UN:2915, Radioactive material, Type A package, 7, //C-14; [2-14C]5-Fluorouracil liquid, 1 Type A package X 1.85000 GBq // I White, dims (L) 0 x (W) 0 x (H) 0 //USA DOT 7A TYPE A
 Overpack Used, #479349085768

Additional Handling Information
 ERG# 163
 I declare that all of the applicable air transport requirements have been met.


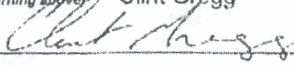
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations. I declare that all of the applicable air transport requirements have been met.	Name/Title of Signatory Clinton J. Gregg/Radiation Safety Specialist II Place and Date Kansas City, MO 04/16/2012 Signature (see warning above) Clinton J. Gregg
---	---

8005355053 Emergency Telephone Number

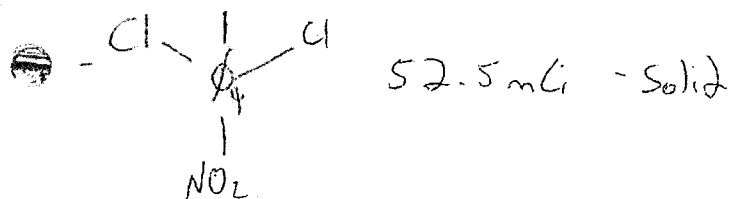
FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT. ADR EUROPEAN TRANSPORT STATEMENT: CARRIAGE IN ACCORDANCE WITH 1.1.4.2.1

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

(Provide at least three copies to airline.)

Shipper Clint Gregg Aptuit - Dock 5 10245 HICKMAN MILLS DRIVE KANSAS CITY MO 641371418 US		Air Waybill No. 479349085790 Page 1 of 1 Page(s) Shipper's Reference Number <i>(optional)</i>
Consignee Attn: RSO Regis Greenwood American Radiolabeled Chemicals, In 100 ARC Drive ST. LOUIS MO 63146 US		
Two completed and signed copies of this Declaration must be handed to the operator		WARNING Failure to comply with all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.
TRANSPORT DETAILS This shipment is within the limitations prescribed for: (delete non applicable) <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <input checked="" type="checkbox"/> CARGO AIRCRAFT ONLY </div> Airport of Departure KANSAS CITY		
Airport of Destination: ST. LOUIS NAZSVA		Shipment type: <i>(delete non applicable)</i> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <input checked="" type="checkbox"/> RADIOACTIVE </div>
NATURE AND QUANTITY OF DANGEROUS GOODS UN Number or Identification Number, proper shipping name, Class or Division (subsidiary risk), packing group (if required), and all other required information. UN 2915, Radioactive material, Type A package, 7, I/C-14, [14C] Reagent liquid, 1 Type A package X 202.93000 GBq // II Yellow, TI 0.1 dims (L) 43 x (W) 43 x (H) 52 // USA DOT 7A TYPE A Overpack Used, #479349085790		
Additional Handling Information ERC#163. Class 3 & 6.1 in excepted quantity. I declare that all of the applicable air transport requirements have been met.		
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and National Governmental Regulations. I declare that all of the applicable air transport requirements have been met.		Name/Title of Signatory Clint Gregg/Radiation Safety Specialist II Place and Date Kansas City, MO 04/17/2012 Signature <i>(see warning above)</i> Clint Gregg 
8005355053		Emergency Telephone Number
FOR RADIOACTIVE MATERIAL SHIPMENT ACCEPTABLE FOR PASSENGER AIRCRAFT, THE SHIPMENT CONTAINS RADIOACTIVE MATERIAL INTENDED FOR USE IN OR INCIDENT TO RESEARCH, MEDICAL DIAGNOSIS OR TREATMENT. ADR EUROPEAN TRANSPORT STATEMENT: CARRIAGE IN ACCORDANCE WITH 1.1.4.2.1		

- Saccharin ^{14}C - 175 mCi - solid



- Potassium Cyanide 2.5 Ci - solid

- Naphthylactic Acid 90 mCi - solid

- Barbituric Acid - 148 mCi - solid

- CGO9 - 90 mCi - solid - lot 040528 (ARC)

2 - CO240 - 15 mCi - ODN HCl - lot 070829 (ARC)

- Urea ^{14}C ~~512 mCi/mol~~ 5 mCi ~~ANNA~~ Ethanol - Exp. 19 JAN 06 - 2 items

- *p*-Toluic Acid 126 mCi

- [^{14}C] Toluene 1x100 mCi

3 - Ca^{14}CO 400 mCi 10/13/89 - solid

- Potassium Thiocyanate - 170 mCi - solid

- Barium Carbonate - 123 mCi - solid

- $\text{Ba}^{14}\text{CO}_3$ - 303 mCi - solid

- CO109A 1.5 Ci - solid - lot 110221 (ARC)

4 - Barium Carbonate 505 mCi -

- Benzoic Acid ^{14}C 2.0 Ci - solid

- Benzoic Acid ^{14}C - Trace Activity - solid

- Benzoic Acid 1.1 Ci - solid

⊕ Benzene Catalyst 1x663 mCi

5 - Malonic Acid ^{14}C May 2009 - 50 mCi

- Acetanilide ^{14}C 1.002 Ci - solid

- Potassium Cyanide ^{14}C 58 mCi - solid

- Potassium Cyanide ^{14}C 70 mCi - solid

7/2^{*} RECEIVED FROM APTUIT

061222

C237-FLUOROURACIL (2-14C) - 50mCi

Riboflavin (14C)

04-016-57-31 - 11.4mCi

04-016-61-25 - 9.7mCi

04-016-62-09 - 19mCi

04-016-62-17 - 1.2mCi

ACETIC ACID (1-14C) NaS-14 - 260mCi

2 vials - 14mCi (each 12g)

p-Nitrophenol (14C)

08-015-97-15 - 75mCi

Iodoform (14C) - 150mCi

09-041-47-26

(2)

(Benzyl-7-14C) Capsaicin - 68.02mCi

03-028-97-34 -

[Benzyl-7-14C) Capsaicin - 13.162mCi



03-028-100-10

Potassium Cyanide - 56 mCi - Solid

- Potassium Cyanide - 39 mCi - Solid

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

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TRANSPORT DETAILS This shipment is within the limitations prescribed for: (delete non applicable) <div style="border: 1px solid black; padding: 2px; display: inline-block;"> CARGO AIRCRAFT ONLY </div> Airport of Departure KANSAS CITY		
Airport of Destination: ST. LOUIS NAZSVA		Shipment type: (delete non applicable) <div style="border: 1px solid black; padding: 2px; display: inline-block;"> RADIOACTIVE </div>
NATURE AND QUANTITY OF DANGEROUS GOODS UN Number or identification Number, proper shipping name, Class or Division (subsidiary risk), packing group (if required), and all other required information. UN 2915, Radioactive material, Type A package, 7, //C-14, [14C] Reagent liquid, 1 Type A package X 202.93000 GBq // II Yellow, TI 0.1, dims (L) 43 x (W) 43 x (H) 52 //USA DOT 7A TYPE A Overpack Used, #479349085790		
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Forster, Sara

From: Clinton J. Gregg <Clinton.Gregg@aptuit.com>
Sent: Friday, December 06, 2013 4:37 PM
To: Forster, Sara
Subject: Aptuit Scan
Attachments: NRC scan Sara_20131206163656.pdf

I just received a fax "Busy/no response" message. Please confirm that you receive this.

Clinton J Gregg
Radiation Safety Specialist II
Aptuit

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aptuit

FAX

DATE: 06 Dec 2013

NO. OF PAGES: 8
(INCLUDING THIS COVER PAGE)

TO: Sara Forster
USNRC

TEL: 630 829 9892
FAX: 630.515.1259

FROM: Clint Gregg
1701 Vine Street
Harrisonville, MO 64701

TEL: 816-380-3121
FAX: 816-380-7759
829-9782

RE: Aptuit License

REF NO: Cont. Number 582236

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Forster, Sara

From: Clinton J. Gregg <Clinton.Gregg@aptuit.com>
Sent: Friday, December 06, 2013 4:03 PM
To: Forster, Sara; LaFranzo, Michael
Subject: NRC letter
Attachments: NRC Dec 6 2013 letter_20131206160206.pdf

Can you please forward to Navid. I am at our Harrisonville site today and do not have access to his email.

Clinton J Gregg
Radiation Safety Specialist II
Aptuit

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