



THE CATHOLIC UNIVERSITY OF AMERICA

*Environmental Health and Safety
Washington, DC 20064
202-319-5206
Fax 202-319-4446*

Ms. Elizabeth Ullrich
Senior Health Physicist
Commercial R&D Branch
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

MS 16
Q-5

March 30, 2009

License No. 08-02075-03
Docket No. 030-00638
Control No. 143436

Dear Ms. Ullrich,

The Catholic University of America respectfully submits the following information as requested in your email dated March 23, 2009:

1. The original letter of amendment requested an increase of authorization for Sn-119m not Sn-199m.
2. Currently, the University is licensed to possess two Co-57 sources at 50 milli curies each. The two sealed sources are used in Mossbauer studies. The two sources will run out of their usefulness due to the natural decay process. The District of Columbia does not have access for disposal of such sealed sources. Therefore, the University must purchase two additional sources and store the used sources in our radioactive storage area until disposal options become available. The increase request is for two more Co-57 sources at 50 milli curies each.
3. CUA requests the removal of the Trinity University reference within this license, item number 9, Authorized use:

A. - JJ. And LL. - MM. Research and development as defined in 10CFR 30.4; animal studies; teaching and training of students; storage and disposal of licensed material from Trinity College."

The Catholic University of America recently contacted Trinity regarding this note in our license. According to correspondence from Ms. Ann Pauley, Vice President for Institutional Advancement at Trinity University, they no longer have any licensed material. A copy of this correspondence is included in the fax.

Please feel free to contact myself directly, Mr. Haleem or Mr. Alar with any inquiries or questions regarding this request. We thank you for your assistance.

Sincerely,

Mr. Carl Petchik
Associate Vice President,
Facilities Administration and Operations

CC: Mr. Louis P. Alar, Director, EHS
Mr. Mahmoud Haleem, Radiation Safety Officer, EHS

143436

NUREG/CR-1 MATERIALS-002

Haleem, Mahmoud S.

From: Ann Pauley [PauleyA@Trinitydc.edu]
Sent: Tuesday, March 03, 2009 2:09 PM
To: Haleem, Mahmoud S.
Subject: RE: Trinity Contact for Nuclear Material

Mahmoud Haleem:

Trinity decommissioned our nuclear material more than ten years ago. Trinity no longer maintains any nuclear material on campus and has not for many years. You do not need to be concerned about collecting radioactive waste from Trinity.

Please let me know if you have any questions.

Ann Pauley
Vice President for Institutional Advancement
Trinity Washington University
2021884-9725 pauleva@trinitydc.edu

From: Mahmoud Haleem [mailto:haleem@cua.edu]
Sent: Tuesday, March 03, 2009 9:48 AM
To: Webmaster
Subject: General Web Inquiry

FIRSTNAME: Mahmoud

LASTNAME: Haleem

EMAIL: haleem@cua.edu

PHONE: 202-319-5206

MESSAGE: I am the Radiation Safety officer at CUA and it came to my attention that Trinity College is listed in our Nuclear Regulatory Commission license where Catholic University is responsible for picking the radioactive waste from Trinity College. I am aware that this goes back to more than 25 years ago. My question is who is the person I need to speak with in order to clear this issue once for all. I appreciate your help into this. Thanks.

FORM INFORMATION

Sent: 3/03/2009 - 09:48:10 AM EST
Browser: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.1; GTB5; .NET CLR 2.0.50727; .NET CLR 1.1.4322; InfoPath.2; .NET CLR 3.0.04506.648; .NET CLR 3.5.21022)
IP: 136.242.244.109



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Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

February 16, 2009

License Nos. 08-02075-03

Dear Ms. Ullrich,

The Catholic University of America respectfully requests the following amendments to our license.

- (1) Increase the activity authorization of possession for **Tin-119m (Sn-119m)** to **40 mCi**.
This request is in response to a new authorization application from Dr. Muller to possess Tin 119m with maximum activity of 20 mCi. This request was approved by the Radiation Safety Committee on December 15, 2008.
- (2) Increase the activity authorization of possession for **Co-57** to **250 mCi**.
The action is needed due to recent closure of the Barnwell site in South Carolina. We presently do not have means to dispose of the current sources when they are no longer useful. The increase in the amount of authorization will not result in exceeding the new limit since the current two sources will weaken with time due to decay. The weak sources will be stored at the CUA radioactive waste storage building.
- (3) Removal of the **authorization** for the **Cs-137** Calibrator.
The calibrator was shipped back to the vendor namely J.L. Shepherd, located in California. A copy of receipt for the Cs-137 source is included in this letter.

Please feel free to contact myself directly, or Mr. Haleem or Mr. Alar with any inquiries or questions regarding this request. We thank you for your assistance.

Sincerely,

Mr. Carl Petchik
Executive Director, Facilities and Operations

CC: Mr. Louis P. Alar, Director, EHS
Mr. Mahmoud Haleem, Radiation Safety Officer, EHS

J ShePHERD & ASSOCIATES

1010 ARROYO AVE., SAN FERNANDO, CALIFORNIA 91340-1822

818-898-2361 FAX 818-361-8095

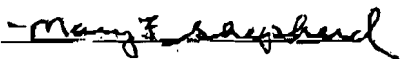
CERTIFICATION OF SOURCE/DEVICE POSSESSION TRANSFER

This document is to certify that on November 11, 2008, J.L. Shepherd & Associates received from and took possession of the following source/device:

1 each, Model 28-5A Calibrator, S.N. 10276,
containing 120 millicuries Cesium-137, J.L. Shepherd & Associates Model 6810 Capsule,
S.N. F249-1497 as of 06/30/1994

from: The Catholic University of America, 620 Michigan Ave., N.E., Washington, D.C.
20064

This source/device was packaged and transported by The Catholic University of America, under the applicable U.S. Department of Transportation 49 Code of Federal Regulation. This transfer of possession of the source/device took place in accordance with J.L. Shepherd and Associates State of California (a U.S. Nuclear Regulatory Commission Agreement State) Radioactive Materials License 1777-19, Amendment 88, Expiration Date 10/11/2018 and in accordance with U.S. Nuclear Regulatory Commission 10CFR40.51.



Mary F. Shepherd
Vice President, Licensing and Special Projects
J.L. Shepherd and Associates
Date: November 12, 2008