

**From:** Elizabeth Ullrich  
**To:** Louis P. Alar  
**Date:** Thu, Sep 28, 2006 1:18 PM  
**Subject:** Re: Catholic University of America Update/Introduction Email

08-02075-03, 030-00638, 137357  
SUd-157, 040-06329, 137358  
SNM-164, 070-00190, 137359

Mr. Alar,

Thank you for informing us of the intended demolition of your current waste storage facility.

If the use of the current waste disposal facility and waste storage and disposal procedures are part of your license commitments, you will have to amend your license to describe the waste facilities and procedures you will use after you have ceased activities in the current building. Your RSO should review the license commitments and prepare a written amendment request.

If the current waste disposal facility has contamination levels exceeding NRC's license termination criteria (SubPart E of 10 cfr part 20), then you may have to make a written notification of the intent to cease activities in that building, in accordance with 10 CFR 30.36(d).

As a broad scope license, you may release facilities for unrestricted use if the facilities meet the criteria specified in your license and NRC regulations, and you must maintain records of the surveys which are the basis for such release. However, if you wish our 'approval' of the release of the facility, you must send us the survey description etc and data and we would amend the license to approve such a release.

Please note that I will be out of the office starting tomorrow, and will not return until October 10.

Betsy Ullrich  
Senior Health Physicist  
610-337-5040  
exu@nrc.gov

>>> "Alar, Louis P." <Alar@cua.edu> 09/21/2006 8:30 AM >>>  
Ms. Elizabeth Ullrich

Senior Health Physicist

Nuclear Regulatory Commission

September 21, 2006

Greetings Ms. Ullrich,

Please allow me to introduce myself; I am Louis P. Alar, Director, Environmental Health & Safety with The Catholic University of America. Mr. Joe Beres, our previous Director, has recently left the University.

I am working with Mr. Mahmoud Haleem, our current Radiation Safety Officer, on several projects. In learning my new roll, Mr. Haleem has

described some outstanding projects. Therefore, we thought it would be prudent to provide this personnel update. CUA has a long-term positive relationship with our regulatory authorities and we will strive to continue and allow that relationship to grow.

During this transition period, Mr. Haleem has been working with our Treasurer and General Council to complete our Financial Assurance document, which is in the final stage of notarization and signature.

We wish to take this opportunity to bring to your attention a new project. The Catholic University of America is in the planning stage of redeveloping the grounds where the current radioactive waste storage area is located. The plan calls for the building to be torn down in March of 2007. We are writing to ensure NRC regulations are followed and obtain NRC approval.

You may recall the construction of this facility approximately 10 years ago. Our Radiation Safety Committee reported to us that the University worked directly with you during that construction period.

The storage space is used mostly for hold and decay of isotopes that are less than 120 day half-lives, which mostly is Phosphorus 32. The room is inspected and surveyed on a monthly basis. Smear swipes are taken of the floor and bench tops. No contamination was ever found.

Currently empty 55 gallons drums are stored in the room; as well as vendor vials of both C-14 and tritium that were recently collected from the Biology Labs. The vials will be sent out for radioactive waste disposal very soon. Also stored for decay in the room is a box containing two P-32 vials that were never opened.

The University plan is to dispose of all stored waste. A full contamination survey will be conducted with documented results to release the area to unrestricted use. The University will rent a storage container to store the general contents of the facility. No radioactive waste will be stored in the container. Any radioactive waste generated in the construction time period will be stored temporarily in place until the permanent storage facility is built.

The new permanent radioactive storage facility will be an exact replica of the current facility with implemented security measures to meet NRC guidelines.

Please advise if further actions will be required from a regulatory point of view. Your help and input in this urgent matter is very much appreciated. Thank you in advance.

Sincerely,

Louis P. Alar  
Director, Environmental Health & Safety  
The Catholic University of America  
Department of Environmental Health & Safety  
Washington, D.C. 20064

202-319-5789

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Cc: Mr. Mahmoud S. Haleem

Radiation Safety Officer

The Catholic University of America

Mr. Carl Petchik

Executive Director, Facilities & Operations

**CC:** Carl A. Petchik; James Dwyer; Mahmoud S. Haleem; Thomas Thompson; Todd Jackson

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**From:** Elizabeth Ullrich  
**Created By:** [EXU@nrc.gov](mailto:EXU@nrc.gov)

**Recipients**

CUA.EDU  
 Alar (Louis P. Alar)  
 HALEEM CC (Mahmoud S. Haleem)  
 PETCHIK CC (Carl A. Petchik)

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 JPD1 CC (James Dwyer)  
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