

Cook, Jackie

From: Irene Sakimoto [isakimot@hawaii.edu]
Sent: Wednesday, March 09, 2011 1:16 PM
To: Cook, Jackie
Subject: Re: ACT: CLARIFICATION & REQ FOR ADD INFO FOR AMEND REQ DATED 9/30/10
Attachments: CVN-X1-XXXyg-S.008.pdf; USA-0632-S-96.007.pdf

Hi Jackie,

I've attached two documents from the company that the researcher wants to buy his source. I hope the description is satisfactory. If not, please let me know.

Aloha,
Irene

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

From: Cook, Jackie
To: Irene Sakimoto
Sent: Tuesday, March 08, 2011 9:18 AM
Subject: RE: ACT: CLARIFICATION & REQ FOR ADD INFO FOR AMEND REQ DATED 9/30/10

Aloha Ms. Sakimoto:

Based on the information below, please confirm what is the final product of the Cf-252 you are proposing to add to your license (i.e., **unsealed** – liquid, powder, or gas or **sealed source** – any byproduct material that is **encased** in a capsule designed to prevent leakage or escape of the byproduct material). If the Cf-252 is a sealed source, please specify the manufacturer and model number of the source similar to Items 7.L., 7.T-7.AA. of your license. It would also be helpful to know if the sealed source has been evaluated under the Sealed Source and Device Registry. The manufacturer, QSA Global, should be able to provide this information.

Upon receipt of the above information, we should be able to complete the processing of this amendment request.

Mahalo,

Jacqueline "Jackie" D. Cook
Senior Health Physicist
Division of Nuclear Materials Safety
Nuclear Materials Safety Branch B
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011
817-860-8132 (office)/817-860-8263 (fax)
e-mail address: Jackie.Cook@nrc.gov

From: Irene Sakimoto [mailto:isakimot@hawaii.edu]
Sent: Friday, February 18, 2011 12:45 PM
To: Cook, Jackie
Subject: Re: ACT: CLARIFICATION & REQ FOR ADD INFO FOR AMEND REQ DATED 9/30/10

Hi Ms. Cook,

I've attached a message from the researcher who asked the vendor about their sources. See below.

ADAMS # _____1
Template _____
Date ____/____/____ QC'd by _____

la 5 7 4 6 2 6

I did get though to QSA Global however, and this is what I learned:

The Cf-252 begins as a powder, which gets combined and rolled with palladium (Pd) wire. This allows the oxide state of Cf-252 to bond with the Pd wire. Finally there is an annealing process that results in ceramic metal matrix.

Final encapsulation (differing sizes) follows.

Is this enough information regarding the Cf-252 source? This is the first response the researcher got from any of the companies that he's asked about buying a source from their company.

Please let me know if you need additional information.

Aloha,
Irene

From: Irene Sakimoto [mailto:isakimot@hawaii.edu]
Sent: Friday, January 07, 2011 6:10 PM
To: Cook, Jackie
Subject: Re: ACT: CLARIFICATION & REQ FOR ADD INFO FOR AMEND REQ DATED 9/30/10

Hi Ms. Cook,

I've contacted the vendor about the chemical form of the Cf-252 but I haven't gotten a response back from them yet.

Also, is it possible to increase our C-14 maximum possession limit from 900 mCi to 1.5 Ci? I have a researcher who is thinking of purchasing 400 mCi at one time for a 3 year experiment and we're pretty close to our 900 mCi limit right now. Do I need to submit another letter to do this, or can you use this email to amend our license?

Thanks, and have a nice weekend.

Aloha,
Irene

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

From: "Cook, Jackie" <Jackie.Cook@nrc.gov>
Date: Tuesday, December 28, 2010 11:44 am
Subject: ACT: CLARIFICATION & REQ FOR ADD INFO FOR AMEND REQ DATED 9/30/10
To: Irene Sakimoto <isakimot@hawaii.edu>

> Aloha Ms. Sakimoto:

>

> I hope you had a Mele kalikimaka and are planning a prosperous Hau oli makahiki hou!

>

> Please let me know the chemical and/or physical form of the Cf-252 you are requesting.

>

> In addition, please note that we will leave the UH-Hilo locations (License Conditions 10.A.11, 12, 13, and 16) as specifically line listed on your license because it has different physical addresses which make it easier for our inspectors to come visit any of your locations of use for inspection purposes as warranted. When adding the new location as requested, we will only authorize the building as specified in your amendment request dated September 30, 2010. However, please note that if you would like to add another building(s) and/or room(s) at this proposed requested location, you will be able to do so based on the criteria your RSC and/or RSO will use to review and approve facilities and equipment as described in your renewal application dated April 27, 2005 and any other subsequent correspondence as referenced in License Condition 29 of your license.

>

> If further discussion or additional information or clarification is needed, please don't hesitate to contact me at your convenience at the phone numbers and/or e-mail address listed below.

>

> As you can see, I'm trying to brush up on my Hawaiian expressions. Thanks for your indulgence and patience with me.

>

> Me ka aloha pumehana,

>

> Jacqueline "Jackie" D. Cook

> Senior Health Physicist

> Division of Nuclear Materials Safety

> Nuclear Materials Safety Branch B

> 612 E. Lamar Blvd., Suite 400

> Arlington, TX 76011

> 817-860-8132 (office)/817-860-8263 (fax)

> e-mail address: Jackie.Cook@nrc.gov

>

Cook, Jackie

From: Irene Sakimoto [isakimot@hawaii.edu]
Sent: Tuesday, November 17, 2009 3:19 PM
To: Cook, Jackie
Subject: Re: ADDITIONAL INFORMATION NEEDED FOR LOCATIONS OF USE LISTED IN YOUR LICENSE

Hi Jackie,

Honolulu, HI is located on the island of Oahu. Kaneohe, HI is also on Oahu.

Pukulani, HI is located on the island of Maui.

Haleakala, HI is located on the island of Maui. This is where the telescope is located.

Hilo, HI is located on the island of Hawaii or what we call the Big Island.

I hope this helps.

Thanks,
Irene

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

From: Cook, Jackie
To: isakimot@hawaii.edu
Sent: Sunday, November 15, 2009 5:57 PM
Subject: ACT: ADDITIONAL INFORMATION NEEDED FOR LOCATIONS OF USE LISTED IN YOUR LICENSE

Aloha Ms. Sakimoto:

For future reference and so that the inspectors will go to the correct island for the locations of use listed on License Number 53-0017-23, please indicate the island for the following: Kaneohe, Hawaii; Hilo, Hawaii; Maui; and Pakalani, Hawaii.

I do understand that Honolulu, Hawaii is located on the island of Oahu, correct?

Mahalo in advanced for your assistance in this matter,

Jacqueline "Jackie" D. Cook
Senior Health Physicist
Division of Nuclear Materials Safety
Nuclear Materials Safety Branch B
612 E. Lamar Blvd., Suite 400
Arlington, TX 76011
817-860-8132 (office)/817-860-8263 (fax)
e-mail address: Jackie.Cook@nrc.gov

e-mail

3-09-2011

This is to acknowledge the receipt of your letter/application dated 3-09-2011, and to inform you that the initial processing, which includes an administrative review, has been performed.

DATE

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 574626.
When calling to inquire about this action, please refer to this mail control number.
You may call me at (817) 860-8103.

Sincerely,



Licensing Assistant

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 01100
Status Code: Pending Amendment
Fee Category: 3L 3P
Exp. Date:
Fee Comments:
Decom Fin Assur Reqd: Y

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: HAWAII, UNIVERSITY OF
Received Date: 03/09/2011
Docket Number: 3007517
Mail Control Number: 574626
License Number: 53-00017-23
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: Colleen Murnahan

Date: 3-09-11

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered | |)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____