

Hammond, Michelle

From: Hammond, Michelle
Sent: Wednesday, December 21, 2011 1:32 PM
To: 'joshua.d.patton@usace.army.mil'
Subject: Re: REQUEST FOR ADDITIONAL INFORMATION

License No.: 36-14803-02
Docket No.: 030-19774
Control No.: 576265

Dear Mr. Patton:

This is in reference to your amendment request dated November 14, 2011 requesting to an amendment to Nuclear Regulatory Commission License No. 36-14803-02. In order to continue our review, we need the following additional information:

1. Please provide the fixed gauge device manufacturer and model number for which the sealed source (Co-60) will be authorized for use.

We will continue our review upon receipt of this information. Please reply to my attention and refer to Mail Control No. 576265. If you reply via email, please attach the requested documentation in PDF format or you may fax your response to (817) 200-1188.

Please respond to my request no later than January 2, 2012 so that I may process this amendment as soon as possible.

If you have any technical questions regarding this deficiency letter, please call me at (817) 200-1127.

Thanks.

Best Regards,

*Michelle M. Hammond, M.Sc.
Health Physicist
U.S. Nuclear Regulatory Commission, R-IV
Division of Nuclear Materials Safety, Branch B
office) 817-200-1127
fax) 817-200-1188
Michelle.Hammond@nrc.gov*



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, PORTLAND DISTRICT
U S GOVERNMENT MOORINGS
8010 NW ST HELENS ROAD
PORTLAND OR 97210-3699

December 23, 2011

U.S. Nuclear Regulatory Commission
Region IV Division of Nuclear Materials Safety Nuclear Materials Licensing Branch
ATTN: Roberto J. Torres
Branch Chief
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011

SUBJECT: Amendment to Materials License 36-14803-02

The U.S. Army Corps of Engineers, U.S. Government Moorings would like to request the following amendments to its Materials License. Our project is in the process of replacing our four existing sealed sources. In the months to come we will be decommissioning our four sources currently listed on our license (6 A and B) and replacing them with the sources listed below. We request that the following information be added to our license:

- Item 6(C) Cobalt-60
- Item 7(C) Sealed Sources (Berthold SSC, Model LB 7442-D-CR)
- Item 8(C) 50 millicuries per source and 100 millicuries total
- Item 9(C) For use in measurements of dredge material density using compatible Berthold SSC, Model LB 7442-D-CR fixed gauging devices in accordance with the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State and which have been distributed in accordance with a Commission or Agreement State specific license authorizing distribution to persons specifically authorized by a Commission or Agreement State license to receive, possess, and use the devices
- Item 6(D) Cesium-137
- Item 7(D) Sealed Sources (Thermo Process Instruments, L.P., Model 5203)
- Item 8(D) 1000 millicuries per source and 2000 millicuries total
- Item 9(D) For use in measurements of dredge material density using compatible Thermo Process Instruments, L.P., Model 5203 fixed gauging devices in accordance with the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State and which have been

distributed in accordance with a Commission or Agreement State specific license authorizing distribution to persons specifically authorized by a Commission or Agreement State license to receive, possess, and use the devices

Following receipt and start up of these sources, our radiation safety program will be revised to include the new sources. Once decommission documentation has been received for the gauges currently listed under 6 A and B, an amendment and supporting documentation will be submitted requesting the removal of these sources from our license. If additional clarification is needed please contact Joshua Patton, the project's RSO at (503) 706-8416.

Thank you for your assistance.

Sincerely

Mac E. Robison
Chief, Plant Maintenance Section

Hammond, Michelle

From: Hammond, Michelle
Sent: Wednesday, January 11, 2012 8:16 AM
To: 'Patton, Joshua D NWP'
Subject: RE: REQUEST FOR ADDITIONAL INFORMATION

License No.: 36-14803-02
Docket No.: 030-19774
Control No.: 576265

Dear Mr. Patton:

This is in reference to your amendment request dated December 23, 2011 requesting to an amendment to Nuclear Regulatory Commission License No. 36-14803-02. In order to continue our review, we need the following additional information:

In the amendment request, you stated that the Cesium-137 sealed source is Thermo Process Instruments, L.P. Model 5203, to be used in Thermo Process Instruments L.P. Model 5203. The Thermo Process Instruments L.P. Model 5203 is the device model number, not the sealed source model number. After reviewing the Sealed Source and Device Registry for the device, I confirmed that the sealed source that is approved for the device is Model No. 57157C (the same that you currently have on the license).

Therefore,

1) Can you confirm/state that the Model No. of the Cs-137 sealed source you request to be added to your license is:

Cs-137 Sealed Source (TN Technologies, Inc. 57157C)

We will continue our review upon receipt of this information. Please respond my e-mail to my request no later than January 13, 2012 so that I may process this amendment as soon as possible.

If you have any technical questions regarding this deficiency letter, please call me at (817) 200-1127.

Regards,
Michelle M. Hammond
U.S. NRC
Region IV



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, PORTLAND DISTRICT
U S GOVERNMENT MOORINGS
8010 NW ST HELENS ROAD
PORTLAND OR 97210-3699

January 11, 2012

U.S. Nuclear Regulatory Commission
Region IV Division of Nuclear Materials Safety Nuclear Materials Licensing Branch
ATTN: Roberto J. Torres
Branch Chief
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011

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Chief, Plant Maintenance Section